Product **catalogue**

organazoto

FERTILIZZANTI SPA



Product catalogue

organazoto



organazoto

Via della Spira 26 • 56024 Ponte a Egola, San Miniato (PI) • Italy

About us

Organazoto's history began in the 1970s, when the company's first physical protein hydrolysis facility was established. Since the beginning, a clear vision has guided every decision: to produce solid fertilisers that combine environmental sustainability with agronomic excellence, offering farmers technologically advanced and effective solutions. Today, with the arrival of the third generation, Organazoto continues to evolve without losing sight of the principles of the circular economy. The company is growing, investing and looking to the future, supported by a production facility spanning thirteen hectares and a constant commitment to scientific research. This drive for innovation has given rise to two new product lines designed to meet the needs of an increasingly modern and high-performance agricultural sector:

special fertilisers

solid flakes

designed to ensure easy use and even better agronomic results.

Organazoto's expansion is the result of ongoing research carried out in the company's quality and microbiology laboratories, supported by decades of collaboration with universities and research centres. This heritage of expertise has led to the development of numerous patented technologies created by Organazoto.
Today, these innovations enable the company to offer, worldwide, a comprehensive range of customised solutions for every crop, guiding farmers towards a more efficient, responsible and future-oriented production model.

Our history

1972 – Foundation of Organazoto Snc
First production facility for the manufacture and sale of powdered nitrogen fertilisers

1976 – Transformation into Organazoto Srl
Expansion of the production facility

1977 – Technological expansion
Installation of the system for cutting organic formulations into cubes

1982 – Expansion of the production site
Beginning of production of organo-mineral fertilisers and soil improvers

1993 – Expansion of the production site
to increase production and storage capacity

1995 – Expansion of the warehouses
and construction of the new office building

2001 – Transformation into Organazoto SpA

2011 – Manufacturing Joint Venture
in Pakistan

2013 – Expansion of storage facilities
for raw materials

2014 – Manufacturing Joint Venture
in Algeria

2015 – Design of the production site
for liquids and microorganisms

2019 – Start of microorganism production

2023 – Production of flakes, liquids and water-soluble powders

2025 – Rebranding
New catalogue, website, social media

Make the land more fertile

Our **values**

The creation of high-quality products with significant technical content, combined with the implementation of innovative strategies, ensures agronomic effectiveness and a low environmental impact.

- Focus on people
- Environmental sustainability
- R&D as a means of creating value
- Quality and passion

Global presence

Since 1972, Organazoto has been producing fertilisers for organic and integrated farming, combining industrial expertise, a sustainable vision and advanced agronomic know-how.

Today, the company operates from **THREE PRODUCTION FACILITIES** strategically located: the Headquarters in San Miniato, Italy, the operational hub where finished products are manufactured, and two facilities dedicated to the production of semi-finished organic fertilisers located in Karaki, Pakistan, and Algiers, Algeria. A solid industrial organisation that guarantees control of the supply chain, production continuity and high quality standards.

From Italy, thanks to an international network of specialist technicians, importers and qualified distributors, Organazoto products are now available in over **25 COUNTRIES** worldwide. This global presence reflects the trust placed in the brand by farmers and confirms the value of a brand that has become synonymous with reliability, innovation and success across borders.

Towards an increasingly **sustainable agriculture** that serves farmers



Our **certifications**

- Certyquality CQY 14001 Environment
- Bioagricert Organic Food Production in Europe
- Responsible Care ISO 9001
- FiBL Organic Food Production Worldwide

Research and quality control in our laboratories



Research has been in Organazoto's DNA since its inception in the early 1970s. Today, thanks to numerous collaborations with universities and research centres around the world, investment in R&D is more central than ever: an ongoing commitment to transforming scientific knowledge into practical, reliable and high-performance solutions for modern agriculture. It is precisely this research and development work that has made it possible to create technologically advanced products capable of meeting the real needs of farmers, offering measurable benefits such as: improved agronomic performance, thanks to more balanced plants in a state of general well-being; maximum respect for the environment and the operator, with more sustainable and safer solutions; optimisation of management costs, reducing the need for intervention and increasing profitability.

Organazoto **Hub**

Where quality becomes a **method**

At its Headquarters in Italy, the Organazoto Hub hosts two specialized laboratories that form the scientific and technical heart of the company:

Microbiology Laboratory

It is responsible for developing and isolating microbial strains registered in an international microbial collection, as well as the related technologies used in the microorganisms division. At the same time, it conducts research into new formulations containing plant and animal extracts, with the aim of constantly expanding its range of innovative solutions

Quality Laboratory

It develops a wide range of products, including bioactivators, plant fortifiers, meso & microelements, fertigation solutions, as well as fertilisers in pellet and flake form (organic, organo-mineral and substrates). The laboratory also carries out rigorous and comprehensive checks throughout the entire supply chain: from incoming raw materials right through to the analysis of the finished product, to ensure the highest standards and full compliance with Italian and international regulatory requirements, even the most stringent ones.



Value creation at Organazoto

In an increasingly sophisticated, competitive and sustainability-focused fertiliser market, concern for the environment and human health has become an absolute priority. In this dynamic landscape, Organazoto takes on new agronomic challenges every day with a clear objective: to offer effective, reliable solutions capable of generating real value for farmers. It is precisely by listening to the needs on the ground that a structured value creation process takes shape, a rigorous approach that guides the development of every new product. A solid, tested method that enables Organazoto to deliver reliable innovations, designed to improve agronomic performance and guide agriculture towards a more sustainable, efficient and competitive future.



The process of creating value has been at the heart of Organazoto since its inception. Right from the very start of its industrial operations, the company produced its first solid nitrogen fertilisers using innovative thermobaric hydrolysis technologies – an advanced method that excludes the use of chemicals and relies only on temperature and pressure to transform organic materials into nutrients with high agronomic efficiency. A pioneering choice which, even today, remains one of the main pillars of the company's production philosophy: innovation with full respect for nature. It is precisely from this process technology that, over the years, further engineering solutions and technologies have taken shape, progressively developed, perfected and patented.

Among the main **DISTINCTIVE TECHNOLOGIES**:

ACTIVE SET®
MICO-SET®
ALGENFOUR SCE®
MICROCHEM®
ORGASTEAM MICRO®
ORGAMIN-P®
GEL ACTIVE FOAM®
MICROTEAM®
ORGATECH MICRO®
PLANTEX SC®

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Substrates and soil improvers

15 Stalfert Top Gold
16 Stalfert Top N 2.5 Bio
17 Stalfert Top N 2.5 Bio Active
18 Stalfert Top N 2.5 Bio Active N
19 Organpiù N 2.5 Performance
20 Stalfert Top N 2
21 Organfarm Top N 1.5
22 Naturalverde N 1.5

23

Organic fertilisers

24 Cornunghia N 14
25 Organexport N 14
26 Organfast N 14 Medium
27 Evolution N 13
28 Bioazoto N 12
29 Organexport N 12
30 Dermazoto N 11
31 Evolution N 10
32 Fertifield N 10
33 Fertifield N 8
34 Evolution N 7
35 Dermaverde N 6
36 Stalfert N 5
37 Organpiù N 5 NEEM
38 Organexport NP 10-8
39 Fertifield NP 8-10
40 Verdeolivo NP 8-6
41 Verdeolivo NP 6-6
42 Fertifield NP 6-3
43 Organpiù NP 3-3
44 Organpiù NP 3-3 Bio
45 Organpiù NP 3-3 Iron
46 Organpiù NP 3-3 Iron-Magnesium
47 Organpiù NP 3-3 Sulphur

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Organo-mineral fertilisers

49 Fertifield NPK 18-7-5
50 Fertifield NPK 16-5-5 NBPT
51 Dermafert NPK 13-6-6
52 Fertifield NPK 12-5-5
53 Dermafert NPK 10-10-15 NBPT
54 Fertifield NPK 10-5-15
55 Dermafert NPK 8-16-12
56 Dermafert NPK 8-8-12
57 Dermafert NPK 8-5-16
58 Fertifield NPK 8-5-6 Bio
59 Universal NPK 8-5-6
60 Dermafert NPK 6-12-10
61 Fertifield NPK 6-9-18
62 Dermafert NPK 6-7-13 Bio
63 Fertifield NPK 5-10-15 Bio
64 Dermafert NPK 4-8-18
65 Dermafert NPK 4-5-6 Bio
66 Fertifield NPK 4-8-16
67 Fertifield NP 20-10 NBPT
68 Dermafert NP 11-25
69 Fertifield NP 10-20
70 Fertifield NP 8-15
71 Fertifield NP 7-14 Bio
72 Fertifield NP 5-12
73 Fertifield NP 5-12 Bio
74 Fertifield NK 8-20
75 Azopower N 38 NBPT
76 Azopower N 30 NBPT
77 Fertifield N 12

80

Organic fertilisers in flakes

81 Gelactive N 13
82 Gelactive N 12
83 Gelactive N 11
84 Gelactive N 10
85 Gelactive N 10 Mix
86 Gelactive NP 10-8
87 Gelactive NP 8-10
88 Gelactive NP 8-6
89 Gelactive NP 3-3 Fe-Mg

90

Organo-mineral fertilisers in flakes

91 Gelactive NPK 18-7-5
92 Gelactive NPK 16-5-5 NBPT
93 Gelactive NPK 13-6-6
94 Gelactive NPK 12-5-5
95 Gelactive NPK 10-10-15 NBPT
96 Gelactive NPK 10-5-15
97 Gelactive NPK 8-16-12
98 Gelactive NPK 8-5-6 S
99 Gelactive NPK 8-5-6 C
100 Gelactive NPK 6-7-13
101 Gelactive NPK 5-10-15
102 Gelactive NPK 4-8-16
103 Gelactive NPK 4-5-6
104 Gelactive NP 20-10 NBPT
105 Gelactive NP 11-25
106 Gelactive NP 10-20
107 Gelactive NP 8-15
108 Gelactive NP 7-14
109 Gelactive NP 5-12
110 Gelactive N 30 NBPT

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Bioactivators

115 AlgenMix
116 AlgenMix NPK
117 AlgenMix Zn Mn
118 Asweed
119 CarniPlus
120 Fruit Colour
121 Fruit Copper LQ
122 Fruit Energy BZ
123 Fruit Energy PW
124 Fruit Flower LQ

125

Phytofortifiers

126 BioIn Act
127 BioIn MZ
128 Botriver BZ
129 FunStop
130 FunStop Special Z
131 NemaOil
132 Silicium Plus
133 Wilder

134

Microorganisms

135 Mico-Pro
136 Mico-Shield
137 Micro-Power
138 N-Evolution
139 Organ-Seed

140

Meso & Microelements

141 BorMax 15
142 CalMag 12
143 Mag 15 MZ
144 Mixel
145 OrganFe 6%

146

Fertigators

147 CarniPlus 700
148 CarniPlus 800
149 CarVeg
150 K-30
151 P-54
152 UmiOrga
153 VegPlus

Solid fertilisers in **pellet form**

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Substrates
and soil improvers

23

Organic fertilisers

48

Organo-mineral
fertilisers

The range of pelleted basal fertilisers represents Organazoto's historic line and the foundation upon which the company's identity has been built. The result of decades of manufacturing experience and continuous technological development, this range embodies the values that have always guided Organazoto:

RELIABILITY,
QUALITY
AND INNOVATION IN THE SERVICE OF AGRICULTURE.

These pelleted basal fertilisers are designed to ensure effective and consistent nutrition, thanks to the use of **HIGH-QUALITY ORGANIC MATERIALS AND MINERALS**, rigorous production standards, and a **MOISTURE CONTENT OF LESS THAN 10%**, a key factor in ensuring stability, shelf life and easy distribution. The range comprises **THREE VARIANTS**, each developed to meet specific agronomic requirements, maintaining the high quality standards that distinguish the Organazoto brand.



Substrates and soil improvers

Stalfert Top Gold
Stalfert Top N 2.5 Bio
Stalfert Top N 2.5 Bio Active
Stalfert Top N 2.5 Bio Active N
Organpiù N 2.5 Performance
Stalfert Top N 2
Organfarm Top N 1.5
Naturalverde N 1.5

Organazoto's range of **pelleted substrates and soil improvers** has been designed to improve soil fertility and create the ideal conditions for efficient root development. The formulations are created by combining selected plant-based materials, bovine and equine manure, and meat and bone meal, enriched with rhizosphere bacteria and beneficial fungi, with the aim of promoting nutrient uptake and supporting plant growth from the earliest stages. Available for both organic and conventional farming, the range stands out for the high quality of its raw materials and its physical form in **pellets and micro-pellets**, characterised by a **humidity below 10%**. This ensures greater product stability, ease of distribution and storage, and uniform agronomic application. Two patented production technologies, which demonstrate the excellence of Organazoto's know-how, contribute to making this range even more advanced:

ORGASTEAM MICRO®

Established patented technology patented by Organazoto Hub, based on an advanced process of fermentation and humification of manure using natural microorganisms. The litter, rich in straw and cellulose-based materials, undergoes a controlled digestion process lasting approximately six months. The combined action of enzymes naturally present in the organic matter and strains selected by the microbiological laboratory accelerates and optimises the transformation of the matrix, resulting in a highly stable, humified and agronomically active soil improver.

ORGATECH MICRO®

A patented process that enriches formulations with a carefully selected range of beneficial microorganisms and fungi that promote plant growth. These include: mycorrhizae of the genus *Glomus* spp., *Bacillus amyloliquefaciens* OG33450, *Bacillus megaterium* OG96536, *Bacillus subtilis* OG39365, *Bacillus pseudomycoides* strain 1901 and *Trichoderma harzianum* OG99566.



Stalfert Top Gold

MIXED GROWING SUBSTRATE

Provides organic matter and high-quality nutrients (with cow and horse manure and organic green compost)

Improves soil fertility with phosphorus and potassium

Stimulates root activity and promotes C/N balance

Characteristics

The ongoing process of improving formulations and adapting to the latest regulations has led ORGANAZOTO to develop **STALFERT TOP GOLD**. The formulation enhances the presence of bovine and equine manure, which is increasingly rare on the market today, organic green compost, which is guaranteed to be free of chemically treated wood fractions, and potassium sulphate of mineral origin. It is important to note that, in the case of manure components, the raw materials used come from non-intensive farms and can therefore be declared organic. Furthermore, no livestock by-products or matrices containing chicken manure are used. **STALFERT TOP GOLD** has been specially developed to meet the nutritional needs of fresh-cut crops (baby leaf), and is ideal in all soil and climate conditions where a balanced supply of organic matter and high quality nutrients is required. **STALFERT TOP GOLD** is suitable for use on all horticultural crops, both sown and transplanted, in open fields or protected cultivation, for fruit trees, including new plantings, and for extensive herbaceous crops. The high content of humic and fulvic substances, combined with the low salinity index, contributes to improving soil fertility. The product also stimulates root and microbiological activity and promotes a balanced C/N ratio.

Composition	w/w
Organic nitrogen (N) on dry matter	2.5%
Organic carbon (C) on dry matter	25.0%
Humic and fulvic carbon (C) on dry matter	3.0%
Organic matter	50.0%
Phosphoric anhydride (P_2O_5) on dry matter	1.5%
Potassium oxide (K_2O) on dry matter	1.5%

	w/w
pH	7.8
Electrical conductivity	1.0 dS/m
Apparent dry density	950 kg/m^3
Total porosity	2.0% (v/v)

Components

ORGANIC FERTILISERS
Dried manure from non-industrial farms
Meat meal
Bone meal
Non-composted simple vegetable soil improver

Green compost soil improver obtained from mixtures of plant materials subjected to composting, not containing chemically treated wood

Potassium sulphate obtained from crude potassium salt by a physical extraction process

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	1000-1500 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	1500-2000 pre-sowing or transplanting
Ornamental crops	1000-1500 pre-sowing or transplanting
Industrial crops	2000-2500 pre-sowing or transplanting
Fresh-cut produce crops	1500-2000 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Pellet	25-500 kg	5 mm	< 10%

SOIL APPLICATION · PELLET · BIO · BIO

ORGASTEAM MICRO®



Stalfert Top N 2.5 Bio

MIXED GROWING SUBSTRATE

Provides high quality organic matter (with bovine and equine manure)

Improves soil fertility

Increases root system development

Characteristics

STALFERT TOP N 2.5 BIO is a high quality mixed growing substrate, formulated with selected raw materials that are controlled and certified at every stage of the manufacturing process in order to ensure a constant supply of organic components with high agronomic value, obtained thanks to numerous controls performed by our suppliers. For this reason, the organic substances from plant origin used are rich in humic and fulvic compounds, which contribute to improving the physical and chemical fertility of the soil and promote optimal root system development. Important characteristics are the low humidity level, which is declared and certified, and the high organic carbon content. **STALFERT TOP N 2.5 BIO** is particularly suitable for use during the implantation of vineyards and orchards, as well as in horticulture and protected crops before transplanting. Due to its improving properties, it is recommended to avoid direct contact with the root system, especially during transplanting.

Composition	w/w
Organic nitrogen (N) on dry matter	2.5%
Organic carbon (C) on dry matter	32.0%
Humic and fulvic carbon (C) on dry matter	7.0%
Organic matter	64.0%

	w/w
pH	7.8
Electrical conductivity	1.0 dS/m
Apparent dry density	950 kg/m^3
Total porosity	2.0% (v/v)

Components

ORGANIC FERTILISERS
Dried manure from non-industrial farms
Meat meal
Bone meal

Green compost soil improver obtained from mixtures of plant materials subjected to composting, not containing chemically treated wood

Mixed compost soil improver not containing waste

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	1200-2000 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	1000-1800 pre-sowing or transplanting
Industrial crops, Cereals	1000-1500 pre-sowing or transplanting
Fresh-cut produce crops	600-800 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Pellet	25-500 kg	5 mm	< 10%

SOIL APPLICATION

PELLET

BIO

BIO

Also available in the line GOLDENFARM TOP 2.5 BIO.

ORGASTEAM MICRO



Stalfert Top N 2.5 Bio Active

MIXED GROWING SUBSTRATE
activated with microbial consortium

Provides organic matter from bovine and equine manure

Contributes to root system development with mycorrhizae (*Glomus* spp.), *Trichoderma harzianum* OG99566** and *Bacillus subtilis* OG39365**

Improves nutrient absorption

Characteristics

STALFERT TOP N 2.5 BIO ACTIVE is a high-quality mixed growing substrate, obtained using selected raw materials that are tested and certified at every stage of the production process. The organic plant matter, characterised by a high humification rate, works in synergy with horse and bovine manure to improve soil fertility. **STALFERT TOP N 2.5 BIO ACTIVE** is also characterised by a pool of microorganisms that include mycorrhizae (*Glomus* spp.), rhizobacteria (*Bacillus subtilis* OG39365) and *Trichoderma harzianum* OG99566. These microorganisms, present in high concentrations, play a crucial role in root system development and in improving nutrient absorption. Their use is recommended on horticultural and fruit crops, both in open fields and in protected cultivation, and is particularly suitable during transplanting and seedbed preparation.

Composition	w/w
Organic nitrogen (N) on dry matter	2.5%
Organic carbon (C) on dry matter	32.0%
Humic and fulvic carbon (C) on dry matter	7.0%
Organic matter	64.0%
Mycorrhizae (*Glomus* spp.)*	10.0%
Bacillus subtilis OG39365**	1.00 x 10^7
Trichoderma harzianum OG99566**	1.00 x 10^7

	w/w
pH	7.8
Electrical conductivity	1.0 dS/m
Apparent dry density	950 kg/m^3
Total porosity	2.0% (v/v)

*Average values not reported on the label and on the natural living organic matter.
**Exclusive strain isolated and deposited by Organazoto in an international microbial collection.

Components

ORGANIC FERTILISERS
Dried manure from non-industrial farms
Meat meal
Microorganisms authorised under Art. 3 p. 4 of Reg. (EC) 889/2008

Green compost soil improver obtained from mixtures of plant materials subjected to composting, not containing chemically treated wood

Mixed compost soil improver not containing waste

Bone meal

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	1000-1500 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	1500-2000 pre-sowing or transplanting
Ornamental crops	1000-1500 pre-sowing or transplanting
Industrial crops	2000-2500 pre-sowing or transplanting
Fresh-cut produce crops	1500-2000 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Pellet	25-500 kg	5 mm	< 10%

SOIL APPLICATION

PELLET

BIO

BIO

ORGATECH MICRO

ORGASTEAM MICRO



Stalfert Top N 2.5 Bio Active N

MIXED GROWING SUBSTRATE
activated with *Bacillus pseudomycoides*, a nitrogen fixing bacterium

Provides organic matter from bovine and equine manure

Increases nitrogen availability and uptake at root level with *Bacillus pseudomycoides*

Improves soil structure, biological fertility and microbiological function

Characteristics

STALFERT TOP N 2.5 BIO ACTIVE N is a high quality substrate derived exclusively from bovine and equine manure not originating from industrial farms, and from selected vegetable matrices permitted in organic farming. The new formulation contains *Bacillus pseudomycoides*, strain 1901, a nitrogen-fixing microorganism with high root colonisation and environmental adaptation capacity. The strain used is active in a wide range of pH (4.5-9) and temperatures (0-45°), tolerates high salinity (>4%), and develops rapidly even in suboptimal conditions. This bacterium mainly acts by increasing the amount of nitrogen available to the roots and promoting its absorption. Thanks to its co-formulation with humified organic matrices and selected microbial consortium**, STALFERT TOP N 2.5 BIO ACTIVE N** improves the structure, biological fertility and microbiological functionality of the soil, resulting in ideal conditions for restoring poor soils and allowing plants to synthesise 30 to 50 units of N per hectare, while reducing chemical inputs and nutrition costs.

Composition	w/w
Organic nitrogen (N) on dry matter	2.5%
Organic carbon (C) on dry matter	32.0%
Humic and fulvic carbon (C) on dry matter	7.0%
Organic matter	64.0%
Bacillus pseudomycoides, strain 1901**	1.00 x 10^7

	w/w
pH	7.8
Electrical conductivity	1.0 dS/m
Apparent dry density	950 kg/m^3
Total porosity	2.0% (v/v)

*Average values not reported on the label and on the natural living organic matter.
**Exclusive strain isolated and deposited by Organazoto in an international microbial collection.

Components
ORGANIC FERTILISERS
Dried manure from non-industrial farms
Meat meal
Inoculation of mycorrhizal fungi and bacteria authorised in accordance with Annex II, Part I, point 1.9.6 of Regulation (EU) UE 2018/848

Green compost soil improver obtained from mixtures of plant materials subjected to composting, not containing chemically treated wood
Mixed compost soil improver not containing waste
Bone meal

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	1000-1500 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	1500-2000 pre-sowing or transplanting
Ornamental crops	1000-1500 pre-sowing or transplanting
Industrial crops	2000-2500 pre-sowing or transplanting
Fresh-cut produce crops	1500-2000 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Pellet	25-500 kg	5 mm	< 10%

SOIL APPLICATION · PELLET · BIO · BIO

ORGATECH MICRO · ORGASTEAM MICRO



Organpiù N 2.5 Performance

MIXED GROWING SUBSTRATE
activated with microbial consortium

Provides a high level of organic matter

Contributes to root system development with mycorrhizae (*Glomus* spp.), *Trichoderma harzianum* OG99566** and *Bacillus subtilis* OG39365**

Improves soil structure

Characteristics

ORGANPIÙ N 2.5 PERFORMANCE is a high quality mixed growing substrate, obtained through the use of selected, controlled and certified raw materials at all stages of the production process. The organic matrices of plant origin, with a high degree of humification, acting in synergy with equine and bovine manure, contribute significantly to improving soil fertility. **ORGANPIÙ N 2.5 PERFORMANCE** also contains a pool of microorganisms including mycorrhizae (*Glomus* spp.), rhizobacteria (*Bacillus subtilis*) and *Trichoderma harzianum*. These microorganisms, present in high concentrations, play a key role in root development and in optimising nutrient absorption. The product is suitable for horticultural and fruit crops, both in open fields and in protected environments, and is particularly effective during transplanting and seedbed preparation.

Composition	w/w
Organic nitrogen (N) on dry matter	2.5%
Organic carbon (C) on dry matter	32.0%
Humic and fulvic carbon (C) on dry matter	7.0%
Organic matter	64.0%
Mycorrhizae (*Glomus* spp.)*	10.0%
Bacillus subtilis OG39365 *	1.00 x 10^7
Trichoderma harzianum OG99566*	1.00 x 10^7

	w/w
pH	7.8
Electrical conductivity	1.0 dS/m
Apparent dry density	950 kg/m^3
Total porosity	2.0% (v/v)

*Average values not reported on the label and on the natural living organic matter.
**Exclusive strain isolated and deposited by Organazoto in an international microbial collection.

Components
ORGANIC FERTILISERS
Dried manure from non-industrial farms
Meat meal
Inoculation of mycorrhizal fungi and bacteria authorised in accordance with Annex II, Part I, point 1.9.6 of Regulation (EU) UE 2018/848

Green compost soil improver obtained from mixtures of plant materials subjected to composting, not containing chemically treated wood
Mixed compost soil improver not containing waste
Bone meal

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	1000-1500 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	1500-2000 pre-sowing or transplanting
Ornamental crops	1000-1500 pre-sowing or transplanting
Industrial crops	2000-2500 pre-sowing or transplanting
Fresh-cut produce crops	1500-2000 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Pellet	25-500 kg	5 mm	< 10%

SOIL APPLICATION · PELLET · BIO · BIO

ORGATECH MICRO · ORGASTEAM MICRO



Stalfert Top N 2

MIXED GROWING SUBSTRATE

Provides organic matter and a high quantity of humic and fulvic acids

Improves soil fertility

Stimulates root activity

Characteristics

STALFERT TOP N2 is a high quality mixed growing substrate, obtained through controlled processes of maturation and humification of organic matrices from animal and vegetable sources. The product has a high content of humic and fulvic substances and a balanced supply of macro and micro elements, factors that contribute to improving soil fertility and stimulating root activity. It is particularly suitable for use during the planting of vineyards and orchards, but also in horticulture and protected crops before transplanting. Due to its strong improving properties, it is recommended to avoid direct contact with the root system during transplanting.

Composition	w/w
Organic nitrogen (N) on dry matter	2.0%
Organic carbon (C) on dry matter	27.0%
Humic and fulvic carbon (C) on dry matter	7.0%
Organic matter	54.0%

	w/w
pH	7.5
Electrical conductivity	1.0 dS/m
Apparent dry density	900 kg/m^3
Total porosity	2.0% (v/v)

Components

ORGANIC FERTILISERS
Dried manure from non-industrial farms
Mixture of organic NP fertilisers
Mixture of organic nitrogen fertilisers

Green composted improver

Mixed compost soil improver not containing waste

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	1500-2000 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	2000-2500 pre-sowing or transplanting
Ornamental crops	1500-2000 pre-sowing or transplanting
Industrial crops	2000-3000 pre-sowing or transplanting
Fresh-cut produce crops	1500-2500 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25-500 kg	3-4 mm	< 10%

SOIL APPLICATION

PELLET

ORGASTEAM MICRO



Organfarm Top N 1.5

MIXED GROWING SUBSTRATE

Increases the organic matter content of the soil

Enhances beneficial microbial activity

Improves soil vitality

Characteristics

ORGANFARM TOP N 1.5 is a mixed growing substrate obtained by mixing selected organic matrices of animal and vegetable origin. The product is distinguished by its ability to increase the organic matter content of the soil and enhance the beneficial microbial activity, which are essential elements for maintaining soil vitality. It is recommended for use on all crops, by distributing and incorporating it into the soil before sowing or transplanting.

Composition	w/w
Organic nitrogen (N) on dry matter	1.5%
Organic carbon (C) on dry matter	32.0%
Humic and fulvic carbon (C) on dry matter	7.0%
Organic matter	64.0%

	w/w
pH	7.8
Electrical conductivity	1.0 dS/m
Apparent dry density	950 kg/m^3
Total porosity	2.0% (v/v)

Components

ORGANIC FERTILISERS
Mixture of organic NP fertilisers
Mixture of organic nitrogen fertilisers

Green composted improver

Mixed compost soil improver not containing waste

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	1500-2000 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	2000-2500 pre-sowing or transplanting
Ornamental crops	1500-2000 pre-sowing or transplanting
Industrial crops	2000-3000 pre-sowing or transplanting
Fresh-cut produce crops	1500-2500 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Pellet	25-500 kg	5 mm	< 10%

SOIL APPLICATION

PELLET



Naturalverde N 1.5

GREEN COMPOSTED IMPROVER

Provides a high organic carbon content

Improves soil structure and stimulates root activity

Promotes the development of microbial activity

Characteristics

NATURALVERDE N 1.5 is a composted soil improver derived from a blend of selected raw materials of organic vegetable origin. The product is characterised by organic nitrogen with natural slow release, a high organic carbon content (32%) and a richness in humic and fulvic substances that improve soil fertility and enhance its microbial activity, also stimulating root activity in crops. **NATURALVERDE N 1.5** is suitable for use on all crops, mixed into the soil before sowing or transplanting. The product is best used as a soil fertility enhancer and is not a substitute for fertiliser.

Composition	w/w		w/w
Organic nitrogen (N) on dry matter	1.5%	pH	7.8
Organic carbon (C) on dry matter	32.0%	Salinity	8.0 dS/m
Humic and fulvic carbon (C) on dry matter	7.0%	Total sodium	0.5%
Organic matter	64.0%	Organic nitrogen at least 80% Ntot - (N org./ N tot)%SS	80.0%

Components

ORGANIC FERTILISERS
Green composted improver

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	1500-2000 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	2000-2500 pre-sowing or transplanting
Ornamental crops	1500-2000 pre-sowing or transplanting
Industrial crops	2000-3000 pre-sowing or transplanting
Fresh-cut produce crops	1500-2500 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Pellet	500 kg - bulk	5 mm	< 10%

SOIL APPLICATION

PELLET

Organic fertilisers

Cornunghia N 14
Organexport N 14
Organfast N 14 Medium
Evolution N 13
Bioazoto N 12
Organexport N 12
Dermazoto N 11
Evolution N 10
Fertifield N 10
Fertifield N 8
Evolution N 7
Dermaverde N 6
Stalfert N 5
Organpiù N 5 NEEM
Organexport NP 10-8
Fertifield NP 8-10
Verdeolivo NP 8-6

Verdeolivo NP 6-6
Fertifield NP 6-3
Organpiù NP 3-3
Organpiù NP 3-3 Bio
Organpiù NP 3-3 Iron
Organpiù NP 3-3 Iron-Magnesium
Organpiù NP 3-3 Sulphur

The range of **N and NP organic fertiliser pellets** represents one of the most comprehensive and varied offerings on the market, designed to meet the needs of modern, efficient and sustainable agriculture. All formulations are approved for use in both organic and conventional farming, ensuring maximum versatility. A distinctive feature of the range is the high content of **protein-based organic nitrogen**, characterised by a gradual release that ensures constant and balanced nutrition over time. This is complemented by a significant supply of organic matter and the presence of macro- and micro-nutrients, which are essential for maintaining soil fertility and crop yield. The products are available in **pellet**, **micro-pellet** and **flakes**, with a **humidity below 10%** to facilitate simple, uniform and efficient distribution in the field. As with the Substrates and Soil Improvers range, this range also incorporates patented production technologies that demonstrate Organazoto's industrial excellence:

ORGASTEAM MICRO®

patented technology based on an advanced process of fermentation and controlled humification of organic materials, which improves product stability and enhances its agronomic value;

ORGATECH MICRO®

a patented process that enriches formulations with selected microorganisms and beneficial fungi, helping to stimulate soil biological activity, improve nutrient availability and promote more efficient root development.



Cornunghia N 14

ORGANIC NITROGEN FERTILISER
natural horns and nails shavings N+C
14+40

Provides the highest level of organic nitrogen with gradual release obtained from natural horns and nails shavings

Supplies a significant amount of organic carbon (C) biologically active

Also contains significant amounts of phosphates, potassium, magnesium and organic sulphur

Characteristics

CORNUNGHIA N 14 is the natural organic nitrogen fertiliser with the highest organic N content (N 14) and gradual release, obtained through sterilisation and controlled crushing of bovine horns and nails rich in keratin. It also contains significant amounts of phosphates, potassium, magnesium and organic sulphur. The mineralisation times of organic nitrogen depend on the physical and biological characteristics of the soil (texture, aeration, humidity and temperature) and are generally between 6 and 10 months. In rice fields, these times may be longer. **CORNUNGHIA N 14** is particularly suitable for basal fertilisation of all crops that benefit from a slow-release nitrogen supply, especially rice, tree crops and nursery crops, where it ensures a constant and prolonged release of nutrients.

Composition	w/w
Organic nitrogen (N)	14.0%
Organic matter	80.0%
Organic carbon (C)	40.0%

Components

ORGANIC FERTILISERS
Bovine horns and nails

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Recognised Technical Facility (Ex Regulation EC 1069/2009) No. ABP 680UFERT3

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	300-400 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	400-450 pre-sowing or transplanting
Ornamental crops	300-400 pre-sowing or transplanting
Industrial crops	400-500 pre-sowing or transplanting
Fresh-cut produce crops	350-500 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	20-400 kg	2-5 mm/ 5-9 mm/ 9-15 mm	< 10%

SOIL APPLICATION · FLAKES · BIO



Organexport N 14

ORGANIC NITROGEN FERTILISER
mixture of organic nitrogenous fertilisers N+C
14+45

Provides the highest content of organic nitrogen (N) with gradual release from natural horn and feather meal

Supplies a significant amount of biologically active organic carbon (C)

Promotes balanced and constant growth in all crops

Characteristics

ORGANEXPORT N 14 is a unique fertiliser composed of a balanced mixture of natural horn meal and feather meal, both of animal origin and high in protein. The organic matter is mainly composed of scleroproteins, which are subjected to thermal sterilisation and subsequent grinding. The main characteristic of these substances is their high content of organic nitrogen (N 14%) with slow release (from 3 to 6 months). This feature provides constant nutrition for all crops. **ORGANEXPORT N 14** indeed, it is ideal for basal or pre-sowing fertilisation of autumn-winter cereals (durum and soft wheat, barley) and spring grasses such as maize and rice. Moreover, **ORGANEXPORT N 14** is particularly suitable for weeded crops and is also used in fruit growing and nurseries, where the slow release of nitrogen promotes balanced and constant vegetation growth.

Composition	w/w
Organic nitrogen (N)	14.0%
Organic matter	90.0%
Organic carbon (C)	45.0%

Components

ORGANIC FERTILISERS
Bovine horns and nails
Feather meal

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	350-450 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	350-500 pre-sowing or transplanting
Ornamental crops	200-250 pre-sowing or transplanting
Industrial crops	400-500 pre-sowing or transplanting
Fresh-cut produce crops	400-500 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25-500 kg	3 mm	< 10%

SOIL APPLICATION · PELLET · BIO



Organfast N 14 Medium

ORGANIC NITROGEN FERTILISER
dried blood N+C
14+40

Provides the highest organic N content (N 14) with rapid mineralisation

Supplies a quick source of nutrients that resists leaching

Improves leaf colour intensity and vigour

Characteristics

ORGANFAST N 14 MEDIUM is a unique, high-quality organic nitrogen fertiliser obtained exclusively from fresh blood (bovine and equine), treated with an advanced thermal and sterilisation process that preserves its nutritional value. The innovative process and granulation technology (without chemical agents, inhibitors or coatings) keeps the protein structure of the organic material unchanged, ensuring a high organic N content (N 14) characterised by very rapid mineralisation, which takes place within 15-20 days. This composition makes **ORGANFAST N 14 MEDIUM** a fertiliser that provides immediate and stable nutrition, comparable in terms of speed of action to synthetic mineral nitrogen, with the advantage of not being subject to leaching. In addition, the product promotes improved root development and vegetative growth, enhancing leaf colour and vigour, and can be used preventively and curatively for iron chlorosis. **ORGANFAST N 14 MEDIUM** is suitable for all crops that require rapid nitrogen availability: fruit trees, vines, olive trees, horticultural crops, cereals and tree or industrial crops. It can be applied to the soil, both in open fields and in specific areas. One of the secondary effects of applying the product is that it repels ungulates.

Composition

	w/w
Organic nitrogen (N)	14.0%
Organic matter	80.0%
Organic carbon (C)	40.0%

Components

ORGANIC FERTILISERS
Granular dried blood (bovine and equine)

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Aminogram

Aspartic acid (including asparagine)	4.6%	Glycine	1.7%	Proline	1.6%	Cysteine and total cysteine	0.5%
Glutamic acid (including glutamine)	3.8%	Isoleucine	0.6%	Serine	2.3%	Hydroxyproline	<LQ
Alanine	3.2%	Histidine	2.1%	Tyrosine	1.2%	Methionine	0.5%
Arginine	1.5%	Leucine	5.1%	Threonine	1.9%	Tryptophan	0.7%
Phenylalanine	2.5%	Lysine	4.1%	Valine	3.2%	Total	41.1%

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	400-500 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	400-500 pre-sowing or transplanting
Ornamental crops	350-450 pre-sowing or transplanting
Industrial crops	300-400 pre-sowing or transplanting
Fresh-cut produce crops	250-300 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	20-25-400 kg	3-5 mm	< 10%

SOIL APPLICATION · FLAKES · BIO



Evolution N 13

ORGANIC NITROGEN FERTILISER
mixture of nitrogenous organic fertiliser N+C
13+44

Provides organic nitrogen (N) obtained from dried blood and hydrolysed hide

Supplies amino acids and humic acids as well as iron chelated to the organic matter

Ensures a constant and gradual release of nutrients

Characteristics

EVOLUTION N 13 is a fertiliser obtained from two organic matrices characterised by the presence of a high protein content: dry blood and hydrolysed leather. Dry blood, rich in amino acids, humic acids and iron (Fe) chelated to the organic matter, provides organic nitrogen (N) easily available, which is mineralised in the first few weeks after application. At the same time, the hydrolysed leather gradually releases the remaining organic nitrogen through a gradual and constant mineralisation process over time (3-4 months), ensuring continuous and prolonged nutrition, also reducing nitrogen losses due to leaching and gasification. This exclusive formulation makes **EVOLUTION N 13** suitable for all herbaceous crops, horticultural crops (including protected crops) and trees, representing an innovative solution for nitrogen fertilisation in organic farming and allowing all the nutritional needs of plants in the various phenological stages.

Composition

	w/w
Organic nitrogen (N)	13.0%
Organic matter	88.0%
Organic carbon (C)	44.0%

Components

ORGANIC FERTILISERS
Hydrolyzed leather and hides
Dried blood

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Category 3 material produced by a plant approved under EC Regulation 1069/2009 and Regulation 14/2010 with ABP No. 201 UFERT 3 Category 3 blood product Art. 10(a)(b), obtained by processing method 7.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	450-600 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	500-600 pre-sowing or transplanting
Ornamental crops	350-500 pre-sowing or transplanting
Industrial crops	600-700 pre-sowing or transplanting
Fresh-cut produce crops	400-500 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25-500 kg	3 mm	< 10%

SOIL APPLICATION · PELLET · BIO



Bioazoto N 12

ORGANIC NITROGEN FERTILISER
hydrolysed leather and hides N+C
12+40

Provides a high content of organic nitrogen with natural slow release

Promotes the increase of microbial biomass

Prevents microelement deficiency

Characteristics

BIOAZOTO N 12 is an organic fertiliser with a high organic N content (N 12) based on scleroproteins with natural slow release, obtained by hydrolysis of raw materials at high pressure. It also contains iron (Fe) and magnesium (Mg) chelated to the organic matter, which promotes microbial biomass activity and contributes to improving the balance of humified organic matter. The mineralisation of organic nitrogen, which is influenced by soil factors such as texture, soil structure, water availability, ventilation and temperature, takes place over a period of between two-four months. In rice fields, nitrogen release times are prolonged due to periods of soil submersion. **BIOAZOTO N 12** is highly effective for autumn and spring basal fertilisation in cereals. It is also suitable for top dressing in orchards and vineyards, with or without grass cover, to prevent and mitigate iron chlorosis and magnesium deficiency.

Composition	w/w
Organic nitrogen (N)	12.0%
Organic matter	80.0%
Organic carbon (C)	40.0%

Components

ORGANIC FERTILISERS
Hydrolyzed leather and hides

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	500-600 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	600-700 pre-sowing or transplanting
Ornamental crops	400-550 pre-sowing or transplanting
Industrial crops	600-700 pre-sowing or transplanting
Fresh-cut produce crops	400-500 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25-500 kg	4 mm	< 10%

SOIL APPLICATION · PELLET · BIO



Organexport N 12

ORGANIC NITROGEN FERTILISER
mixture of organic nitrogen fertilisers N+C
12+40

Provides a high content of organic nitrogen (N) with gradual release from natural horn, meat meal and feather

Supplies a significant amount of biologically active organic carbon (C)

Promotes balanced and constant growth in all crops

Characteristics

ORGANEXPORT N 12 is an organic nitrogen fertiliser, formulated from a balanced mixture of horn meal, meat meal and feathers, raw materials from animal origin, rich in scleroproteins and characterised by a high protein content. The raw materials are subjected to a thorough thermal sterilisation process, followed by a grinding phase. The organic fraction, consisting mainly in proteins, provides 12% organic nitrogen with slow release (3-6 months), which guarantees a constant and prolonged supply. Thanks to these properties, **ORGANEXPORT N 12** is particularly suitable for basal fertilisation and pre-sowing of autumn-winter cereals and spring grasses. It can also be used in fruit growing and nurseries, where nitrogen supply is a determining factor for constant and balanced plant growth.

Composition	w/w
Organic nitrogen (N)	12.0%
Organic matter	80.0%
Organic carbon (C)	40.0%

Components

ORGANIC FERTILISERS
Feather meal
Meat meal
Bovine horns and nails

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	400-500 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	500-650 pre-sowing or transplanting
Ornamental crops	300-400 pre-sowing or transplanting
Industrial crops	500-600 pre-sowing or transplanting
Fresh-cut produce crops	350-450 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25-500 kg	3-4 mm	< 10%

SOIL APPLICATION · PELLET · BIO



Dermazoto N 11

ORGANIC NITROGEN FERTILISER
hydrolysed leather and hides N+C
11+40

Provides a high content of slow-release organic nitrogen

Enhances microbial biomass development and humic substance

Prevents iron chlorosis and magnesium deficiencies

Characteristics

DERMAZOTO N 11 is an organic nitrogen fertiliser formulated from hydrolyzed leather and hides, providing a high level of organic nitrogen (N 11%) with a slow and extended release. This component is obtained through high-pressure hydrolysis of collagenous scleroproteins. Nitrogen mineralization depends on soil characteristics (texture, structure, moisture, aeration, and temperature) and is generally completed within 2–4 months; under prolonged flooding conditions, such as in rice fields, degradation times are longer. **DERMAZOTO N 11** also contains iron (Fe) and magnesium (Mg) chelated to the organic matter, which promote the increase of microbial biomass, improve the humic substance balance, and help prevent and correct iron chlorosis and magnesium deficiencies. **DERMAZOTO N 11** is ideal for basal and top-dressing applications, recommended for autumn and spring treatments on a wide range of crops. The product shows high effectiveness in rice fields, orchards, and vineyards, whether grassed or not, and is also excellent for nursery production.

Composition	w/w
Organic nitrogen (N)	11.0%
Organic matter	80.0%
Organic carbon (C)	40.0%

Components

ORGANIC FERTILISERS
Hydrolyzed leather and hides

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	600-700 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	650-800 pre-sowing or transplanting
Ornamental crops	400-500 pre-sowing or transplanting
Industrial crops	600-700 pre-sowing or transplanting
Fresh-cut produce crops	400-500 pre-sowing
Turfgrass	1500 kg February–March / 1000 kg May / 1500 kg September–October

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes/Micropellet	25-500 kg	2-5mm/4 mm	< 10%

SOIL APPLICATION · PELLET · BIO



Evolution N 10

ORGANIC NITROGEN FERTILISER
mixture of organic nitrogen fertilisers N+C
10+40

Provides a high content of organic nitrogen (N) with gradual release

Supplies a significant amount of biologically active organic carbon (C) from dried blood, hydrolysed hide and protein meal

Ensures constant and prolonged nutrition over time

Characteristics

Evolution N 10 is an organic formulation obtained through the combination of various protein matrices from animal origin. These selected raw materials provide a high content of organic nitrogen (N) with gradual release (approximately 3.5% from dried blood and 6.5% from hydrolysed hides and animal meal) and a significant supply of biologically active organic carbon (C). The exclusive formulation of **EVOLUTION N 10** guarantees a gradual release of organic nitrogen, while ensuring that a portion is readily available in the first few weeks after application. The residual fraction of nitrogen, which is not subject to leaching thanks to the different nature of the organic matrices used, is progressively mineralised and made assimilable by crops over a period of 3-4 months, thus ensuring constant and prolonged nutrition over time. **EVOLUTION N 10** is suitable for use in all phases of the growing cycle, both in autumn and spring, ensuring excellent adaptability to herbaceous and tree crops. These unique and distinctive characteristics in the category of organic nitrogen fertilisers make **EVOLUTION N 10** a product with high performance, capable of combining prolonged nutritional efficiency and total conformity with organic farming regulations.

Composition	w/w
Organic nitrogen (N)	10.0%
Organic matter	80.0%
Organic carbon (C)	40.0%

Components

ORGANIC FERTILISERS
Hydrolyzed leather and hides
Meat meal
Dried blood

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	500-600 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	600-700 pre-sowing or transplanting
Ornamental crops	350-450 pre-sowing or transplanting
Industrial crops	500-600 pre-sowing or transplanting
Fresh-cut produce crops	350-450 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25-500 kg	4 mm	< 10%

SOIL APPLICATION · PELLET · BIO



Fertifield N 10

ORGANIC NITROGEN FERTILISER
mixture of organic nitrogen fertilisers N+C
10+37

Provides organic nitrogen (N) with gradual release

Supplies macro and microelements, such as calcium (Ca), sulphur (S), phosphorus (P) and iron (Fe) chelated to the organic matter

Ensures a complete and continuous supply of nutrients over time

Characteristics

FERTIFIELD N 10 is an organic nitrogen fertiliser with a high organic nitrogen (N) content, obtained from meat meal and hydrolysed leather and hides. The balanced composition and gradual mineralisation of the nitrogen guarantee a continuous supply of nutrients over time. Furthermore, the natural presence of macro and microelements, such as calcium (Ca), sulphur (S), phosphorus (P) and iron (Fe) chelated to the organic matter, confers a strong fertilising effect. **FERTIFIELD N 10** can be used without restrictions and is suitable for all major crops, including autumn-winter and spring cereals, herbaceous crops, horticultural crops, floriculture and nurseries, as well as orchards and vineyards, both grassed and ungrassed. It can be used for both basal and top dressing.

Composition	w/w
Organic nitrogen (N)	10.0%
Organic matter	74.0%
Organic carbon (C)	37.0%

Components

ORGANIC FERTILISERS
Hydrolyzed leather and hides
Meat meal

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	650-700 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	700-800 pre-sowing or transplanting
Ornamental crops	400-500 pre-sowing or transplanting
Industrial crops	600-700 pre-sowing or transplanting
Fresh-cut produce crops	400-500 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25-500 kg	4 mm	< 10%

SOIL APPLICATION · PELLET · BIO



Fertifield N 8

ORGANIC NITROGEN FERTILISER
mixture of organic nitrogen fertilisers N+C
8+30

Provides organic nitrogen (N) with gradual release

Supplies micronutrients (calcium, sulphur, phosphorus and iron chelated to the organic matter)

Ensures balanced nutrition that lasts over time

Characteristics

FERTIFIELD N 8 is an organic nitrogen fertiliser, with a high content of organic nitrogen (N) with slow natural release, derived from meat meal and hydrolysed leather and hides. The natural presence of secondary nutrients such as calcium (Ca), sulphur (S), phosphorus (P) and iron (Fe), organically chelated to the organic matter, confers an extraordinary fertilising effectiveness. **FERTIFIELD N 8** is recommended for crops with high and prolonged nitrogen requirements, and guarantees balanced nutrition over time. The product has no usage restrictions and is suitable for all major crops, including cereals, herbaceous crops, horticultural crops, floriculture and nurseries, as well as orchards and vineyards, both grassed and ungrassed. It can be used for basal fertilisation (autumn or spring) but also for top dressing.

Composition	w/w
Organic nitrogen (N)	8.0%
Organic matter	60.0%
Organic carbon (C)	30.0%

Components

ORGANIC FERTILISERS
Hydrolyzed leather and hides
Meat meal

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	600-700 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	550-650 pre-sowing or transplanting
Ornamental crops	400-500 pre-sowing or transplanting
Industrial crops	550-650 pre-sowing or transplanting
Fresh-cut produce crops	500-650 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25-500 kg	4 mm	< 10%

SOIL APPLICATION · PELLET · BIO



Evolution N 7

ORGANIC NITROGEN FERTILISER
mixture of organic nitrogen fertilisers N+C
7+31

Provides organic nitrogen (N 7%) derived from dried blood and complex organic protein matrices

Provides nitrogen with slow release

Ensures prolonged nutrition over time

Characteristics

EVOLUTION N 7 is a new formulation in the Evolution line, characterised by an organic nitrogen content (N 7%) derived from dried blood and complex organic protein matrices, which ensure a gradual and prolonged release of nitrogen over time. The special composition optimises its efficiency and reduces leaching losses, suitable for use on all crops, both herbaceous and tree crops. The product is highly recommended for use as a top dressing for spring crops with high nitrogen requirements (e.g. maize, rice), as well as for open field and protected crops. **EVOLUTION N 7** is also particularly suitable for tree crops such as orchards, vines, olive trees and nut crops, both after harvesting and for fertilisation at the end of winter. It is also suitable for use in nurseries and new plantations, being an ideal product for organic farming.

Composition	w/w
Organic nitrogen (N)	7.0%
Organic matter	62.0%
Organic carbon (C)	31.0%

Components

ORGANIC FERTILISERS
Hydrolyzed leather and hides
Meat meal
Dried blood

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	550-600 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	650-800 pre-sowing or transplanting
Ornamental crops	450-550 pre-sowing or transplanting
Industrial crops	600-650 pre-sowing or transplanting
Fresh-cut produce crops	450-500 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Pellet	25-500 kg	5 mm	< 10%

SOIL APPLICATION · PELLET · BIO



Dermaverde N 6

ORGANIC NITROGEN FERTILISER
mixture of organic nitrogen fertilisers N+C
6+30

Provides organic nitrogen with slow natural release

Supplies a solution of protein matrices

Ensures effective and balanced nutrition

Characteristics

DERMAVERDE N 6 is a new blend of organic nitrogen fertilisers with an organic nitrogen (N) content of 6%, combined with a significant organic carbon content (C 30%). The selection of protein matrices and the industrial co-formulation technique ensure a gradual and constant release of organic nitrogen. **DERMAVERDE N 6** is suitable for autumn and spring basal fertilisation, even without incorporation into the soil, thanks to its organic form of nitrogen, which is not subject to leaching. Its formulation is suitable for use on cereals both before sowing and as a top dressing, but also for fertilising orchards, horticultural crops, flower crops and nurseries.

Composition	w/w
Organic nitrogen (N)	6.0%
Organic matter	60.0%
Organic carbon (C)	30.0%

Components

ORGANIC FERTILISERS
Hydrolyzed leather and hides
Meat meal

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	700-800 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	750-850 pre-sowing or transplanting
Ornamental crops	450-550 pre-sowing or transplanting
Industrial crops	700-800 pre-sowing or transplanting
Fresh-cut produce crops	450-550 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Pellet	25-500 kg	5 mm	< 10%

SOIL APPLICATION · PELLET · BIO



Stalfert N 5

ORGANIC NITROGEN FERTILISER
mixture of organic nitrogen fertilisers N+C
5+28

Provides nitrogen, humic and fulvic acids, and microelements such as iron, calcium and magnesium chelated to organic matter

Promotes the growth of bacterial flora

Increases the overall nutritional efficiency

Characteristics

STALFERT N 5 is a blend of organic nitrogen fertilisers with an organic nitrogen (N) content of 5%, made with organic protein compounds that provide a high level of humified carbon (C), which contributes a high content of humic and fulvic acids. It also contains iron (Fe), calcium (Ca) and magnesium (Mg) chelated to organic matter, which promote the development of bacterial flora and increase overall nutritional efficiency. **STALFERT N 5** is particularly suitable for the formulation and enrichment of growing media thanks to its humified organic matter content. It is ideal for the pre-planting and planting phases of orchards and vineyards, horticulture and protected crops.

Composition	w/w
Organic nitrogen (N)	5.0%
Organic matter	56.0%
Organic carbon (C)	28.0%

Components

ORGANIC FERTILISERS
Hydrolyzed leather and hides
Meat meal

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	750–850 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	800–900 pre-sowing or transplanting
Ornamental crops	600–700 pre-sowing or transplanting
Industrial crops	750–900 pre-sowing or transplanting
Fresh-cut produce crops	550–650 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Pellet	25-500 kg	5 mm	< 10%

SOIL APPLICATION · PELLET · BIO



Organpiù N 5 NEEM

ORGANIC NITROGEN FERTILISER
mixture of organic nitrogen fertilisers N+C
5+37

Provides organic nitrogen (N), proteins and amino acids of animal and plant origin (with Neem panels)

Improves root activity and nutrient absorption

Helps to limit the development of telluric pathogens

Characteristics

ORGANPIÙ N 5 NEEM is a mixture of nitrogen fertilisers obtained from NEEM panels, meat meal, hydrolysed hides and horsehair, rich sources of proteins and amino acids from mixed animal and vegetable sources. The product provides organic nitrogen (N 5%) with gradual release (approximately 2-3 months). The presence of NEEM (*Azadirachta indica*) plant panels helps to limit the development of telluric pathogens and preserve the nitrogen fraction. These characteristics promote the chemical, physical and biological conditions of the rhizosphere, optimising root activity and nutrient absorption. Moreover, the presence of the NEEM panels, which is completely safe for crops, ensures full compatibility with all fertilisation methods, without interfering with the technical means of defence used. Thanks to its unique characteristics, **ORGANPIÙ N 5 NEEM** is recommended for use in the early stages of the growing cycle, but also during weeding or localised fertilisation. It is recommended that the product be mechanically incorporated into the soil in the area explored by the roots, followed by good irrigation.

Composition	w/w
Organic nitrogen (N)	5.0%
Organic matter	74.0%
Organic carbon (C)	37.0%

Components

ORGANIC FERTILISERS
NEEM panels
Meat meal
Hides and hair

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	500–600 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	600–700 pre-sowing or transplanting
Ornamental crops	500–600 pre-sowing or transplanting
Industrial crops	600–700 pre-sowing or transplanting
Fresh-cut produce crops	600–700 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Pellet	25-500 kg	5 mm	< 10%

SOIL APPLICATION · PELLET · BIO



Organexport NP 10-8

ORGANIC NP FERTILISER
mixture of organic NP fertilisers +C
10-8+40

Provides nitrogen and organic phosphorus from meat meal, bone meal and natural bovine horns and nails

Ensures high quality standards

Guarantees gradual release of the elements

Characteristics

ORGANEXPORT NP 10-8 is an organic fertiliser obtained from meat meal, bone meal and bovine horns and nails, sources of organic nitrogen (N 10%) and phosphorus (P 8%) from animal origin. The natural organic matrices are subjected to controlled heat treatment in order to guarantee high quality standards. The optimal ratio between N and P (10:8) makes **ORGANEXPORT NP 10-8** particularly suitable for pre-sowing fertilisation of cereals and herbaceous crops. It is widely used in leguminous and forage crops, but is also particularly suitable for fruit growing and floriculture. Natural and organic protein sources ensure a gradual release of nutrients, reducing losses due to leaching and gasification to a minimum. These characteristics make **ORGANEXPORT NP 10-8** a highly efficient base fertiliser suitable for various types of crops.

Composition	w/w
Organic nitrogen (N)	10.0%
Phosphoric anhydride (P_2O_5)	8.0%
Organic carbon (C)	40.0%
Organic matter	80.0%

Components

ORGANIC FERTILISERS
Meat meal
Bone meal
Bovine horns and nails

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	500-700 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	550-650 pre-sowing or transplanting
Ornamental crops	450-550 pre-sowing or transplanting
Industrial crops	500-700 pre-sowing or transplanting
Fresh-cut produce crops	400-500 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25-500 kg	3 mm	< 10%

SOIL APPLICATION · PELLET · BIO



Fertifield NP 8-10

ORGANIC NP FERTILISER
mixture of organic NP fertilisers +C
8-10+25

Provides nitrogen, phosphorus and organic carbon from natural raw materials

Improves root development

Ensures a constant supply of nutrients

Characteristics

FERTIFIELD NP 8-10 is an organic fertiliser obtained from the processing of meat and bone meal, hydrolysed leather and hides, and selected raw materials from natural origin. The product is authorised to be used in organic farming in line with current regulations and guarantees a gradual release of organic nitrogen (N) and phosphorus (P), which improve soil fertility. Thanks to its balanced NP ratio (8:10) and high organic carbon content (25%) **FERTIFIELD NP 8-10** is particularly suitable for basal fertilisation, both in autumn and spring. It is widely used in cereal crops (wheat, barley, rice, maize) and in herbaceous, leguminous and forage crops, where it ensures a constant supply of nutrients and better root development. It is also suitable for fruit growing, greenhouse and open field horticulture and the floriculture sector.

Composition	w/w
Organic nitrogen (N)	8.0%
Phosphoric anhydride (P_2O_5)	10.0%
Organic carbon (C)	25.0%
Organic matter	50.0%

Components

ORGANIC FERTILISERS
Hydrolyzed leather and hides
Meat meal
Bone meal

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	500-700 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	550-650 pre-sowing or transplanting
Ornamental crops	450-550 pre-sowing or transplanting
Industrial crops	550-700 pre-sowing or transplanting
Fresh-cut produce crops	400-500 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25-500 kg	3 mm	< 10%

SOIL APPLICATION · PELLET · BIO



Verdeolivo NP 8-6

ORGANIC NP FERTILISER
mixture of organic NP fertilisers +C
8-6+35 with boron

Ensures a constant supply of organic nitrogen (N 8)

Promotes root development and flowering thanks to its formulation containing boron

Provides a gradual supply of nutrients

Characteristics

VERDEOLIVO NP 8-6 is an organic fertiliser obtained from the processing of hydrolysed leather and hides, meat meal and bone meal. The formulation also contains boron which, in synergy with nitrogen (N 8) and phosphorus (P) of organic origin and protein, promotes a constant and gradual release of nutrients, promoting root development and flowering. This characteristic is particularly suitable for the balanced nutrition of olive trees. **VERDEOLIVO NP 8-6** is also an ideal fertiliser for orchards and vineyards, thanks to its versatility of use on different soil types and under different agronomic conditions. **VERDEOLIVO NP 8-6** is recommended for basal fertilisation, to be carried out in both autumn and spring, and for top dressing in orchards and vineyards, with or without grass cover.

Composition	w/w
Organic nitrogen (N)	8.0%
Phosphoric anhydride (P_2O_5)	6.0%
Water-soluble boron (B)	0.04%
Organic carbon (C)	35.0%
Organic matter	70.0%

Components

ORGANIC FERTILISERS
Hydrolyzed leather and hides
Sodium borate
Meat meal
Bone meal

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	700-800 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	600-700 pre-sowing or transplanting
Ornamental crops	450-600 pre-sowing or transplanting
Industrial crops	500-700 pre-sowing or transplanting
Fresh-cut produce crops	450-550 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Pellet	25-500 kg	5 mm	< 10%

Also available in the line FERTIFIELD NP 8-6.

SOIL APPLICATION · PELLET · BIO



Verdeolivo NP 6-6

ORGANIC NP FERTILISER
mixture of organic NP fertilisers +C
6-6+27 with boron

Provides nitrogen and phosphorus, both of organic origin, with slow release

Promotes root development and flowering thanks to its formulation containing boron

Ensures gradual and prolonged release of nutrients over time

Characteristics

VERDEOLIVO NP 6-6 is a blend of NP 6-6 organic fertilisers with boron, formulated to ensure balanced and sustainable nutrition in tree crops. In particular, **VERDEOLIVO NP 6-6** is the ideal solution for olive groves, orchards and vineyards, and is effective in a wide range of soil conditions. It is suitable for autumn and spring basal fertilisation, in cover applications, both in grassed and non-grassed systems. The presence of slow-release organic nitrogen (N) and phosphorus (P) of organic origin ensures a gradual and prolonged release over time, with high fertiliser unit efficiency.

Composition	w/w
Organic nitrogen (N)	6.0%
Phosphoric anhydride (P_2O_5)	6.0%
Water-soluble boron (B)	0.04%
Organic carbon (C)	27.0%
Organic matter	54.0%

Components

ORGANIC FERTILISERS
Hydrolyzed leather and hides
Sodium borate
Meat meal
Bone meal

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	800-900 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	700-800 pre-sowing or transplanting
Ornamental crops	500-600 pre-sowing or transplanting
Industrial crops	600-800 pre-sowing or transplanting
Fresh-cut produce crops	500-600 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Pellet	25-500 kg	5 mm	< 10%

Also available in the line FERTIFIELD NP 6-6.

SOIL APPLICATION · PELLET · BIO



Fertifield NP 6-3

ORGANIC NP FERTILISER
mixture of organic NP fertilisers +C
6-3+26

Provides organic nitrogen (N) with gradual release and organic phosphorus (P)

Supports the development of the root system

Ensures a gradual and constant release of nutrients

Characteristics

FERTIFIELD NP 6-3 is an NP organic fertiliser obtained from meat meal, bone meal, leather and hydrolysed hides. The product contains organic nitrogen (N) with slow mineralisation and phosphorus (P) from organic origins, which are both permitted in organic farming. The protein and phosphate matrices ensure a gradual and constant release, improving the efficiency of the fertiliser units. It is particularly suitable for basal and maintenance fertilisation of orchards and tree crops. The balanced ratio of nitrogen and phosphorus gives the product versatility of use, even in mid to long-cycle horticultural crops. **FERTIFIELD NP 6-3** is suitable for autumn and spring applications, even without of soil incorporation, thanks to the organic protein form of nitrogen, characterised by reduced susceptibility to leaching. It is specifically used for fertilising olive trees, vineyards, pome fruits and stone fruits, particularly in the post-harvest phase or during vegetative regrowth at the end of winter. It is also suitable for floriculture, both before transplanting and when planting young plants. It can also be used for pre-sowing fertilisation of autumn-spring cereals.

Composition	w/w
Organic nitrogen (N)	6.0%
Phosphoric anhydride (P_2O_5)	3.0%
Organic carbon (C)	26.0%
Organic matter	52.0%

Components
ORGANIC FERTILISERS
Hydrolyzed leather and hides
Bone meal
Meat meal

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	800-900 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	700-800 pre-sowing or transplanting
Ornamental crops	500-600 pre-sowing or transplanting
Industrial crops	600-800 pre-sowing or transplanting
Fresh-cut produce crops	500-600 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Pellet	25-500 kg	5 mm	< 10%

SOIL APPLICATION · PELLET · BIO



Organpiù NP 3-3

ORGANIC NP FERTILISER
mixture of organic NP fertilisers +C
3-3+25

Provides organic nitrogen (N) with gradual release

Improves the chemical and physical properties of soils

Ensures constant and prolonged nutrition over time

Characteristics

ORGANPIÙ NP 3-3 is a mixture of organic fertilisers from animal origin with an organic carbon (C) content, from raw materials such as mainly meat meal and bone meal. The presence of these substances makes **ORGANPIÙ NP 3-3** a source of humic and fulvic acids, which contribute to providing a greater quantity of organic nitrogen (N) with slow natural release. ORGANPIÙ NP 3-3 is ideal for basic fertilisation of orchards, vineyards – including grassed ones – and, more generally, all crops that require a balanced supply of organic nutrients. The product can be used in both autumn and spring, depending on crop requirements and farm agronomic practices. The presence of organic nitrogen with slow release ensures a gradual and constant supply over time, guaranteeing prolonged nutrition and reducing losses due to leaching. Moreover, the presence and the synergistic action of *Bacillus megaterium* and *Bacillus amyloliquefaciens* improves the availability and the absorption of nutrients, promoting more developed roots and, consequently, more vigorous plants.

Composition	w/w
Organic nitrogen (N)	3.0%
Phosphoric anhydride (P_2O_5)	3.0%
Organic carbon (C)	25.0%
Humification rate*	87-93%
UMIC + FULVIC acids*	20-25%
Organic matter	50.0%

	w/w (UFC/g)	w/v (UFC/ml)
Bacillus amyloliquefaciens OG33450**	1.67 x 10^6	2.00 x 10^6
Bacillus megaterium OG96536**	1.67 x 10^6	2.00 x 10^6

*Average values not reported on the label and on the natural living organic matter.
**Exclusive strain isolated and deposited by Organazoto in an international microbial collection.

Components	
ORGANIC FERTILISERS	Bone meal
Meat meal	Mixture of organic NP fertilisers

Aminogram

Aspartic acid (including asparagine)	2.62%	Glycine	6.37%	Proline	3.75%	Cysteine and total cysteine	0.37%
Glutamic acid (including glutamine)	3.75%	Isoleucine	1.12%	Serine	1.12%	Hydroxyproline	2.62%
Alanine	3.0%	Histidine	0.75%	Tyrosine	0.75%	Methionine	0.37%
Arginine	2.25%	Leucine	2.25%	Threonine	1.50%	Tryptophan	<LQ
Phenylalanine	1.12%	Lysine	2.25%	Valine	1.50%	Total	37.5%

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	1000-1200 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	700-1000 pre-sowing or transplanting
Cereals Industrial crops	800-1200 pre-sowing or transplanting
Fresh-cut produce crops	500-700 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Pellet	25-500 kg	5 mm	< 10%

SOIL APPLICATION · PELLET

ORGATECH MICRO



Organpiù NP 3-3 Bio

ORGANIC NP FERTILISER
mixture of organic NP fertilisers +C
3-3+25

Provides high-quality organic nitrogen (N) with gradual release

Improves the chemical and physical properties of soils

Ensures constant and prolonged nutrition over time

Characteristics

ORGANPIÙ NP 3-3 BIO is a fertiliser obtained from a blend of high-quality raw materials, including dried cattle and horse manure, meat meal and bone meal, which are certified and monitored at every stage of production thanks to numerous checks carried out by our suppliers. Thanks to the presence of these substances rich in humic and fulvic acids, **ORGANPIÙ NP 3-3 BIO** provides organic nitrogen (N) and phosphoric anhydride (P_2O_5), which play a significant nutritional role by providing plants with long-lasting fertilising elements that do not disperse into the environment, making it particularly suitable for improving the chemical and physical properties of soils. It is also ideal for basal fertilisation of orchards, vineyards (including grassed ones), horticultural crops and other crops in general, both in autumn and spring. Moreover, the presence and synergistic action of *Bacillus megaterium* and *Bacillus amyloliquefaciens* improves the availability and absorption of nutrients, promoting more developed roots and, consequently, more vigorous plants..

Composition	w/w
Organic nitrogen (N)	3.0%
Phosphoric anhydride (P_2O_5)	3.0%
Organic carbon (C)	25.0%
Humification rate*	85-90%
UMIC + FULVIC acids*	15-20%
Organic matter	50.0%

	w/w (UFC/g)	w/v (UFC/ml)
Bacillus amyloliquefaciens OG33450**	1.67 x 10^6	2.00 x 10^6
Bacillus megaterium OG96536**	1.67 x 10^6	2.00 x 10^6

*Average values not reported on the label and on the natural living organic matter.
**Exclusive strain isolated and deposited by Organazoto in an international microbial collection.

Components	
ORGANIC FERTILISERS	Dried bovine and equine manure
Meat meal	
Bone meal	

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Aminogram

Aspartic acid (including asparagine)	1.87%	Glycine	4.55%	Proline	2.67%	Cysteine and total cysteine	0.26%
Glutamic acid (including glutamine)	2.67%	Isoleucine	0.80%	Serine	0.80%	Hydroxyproline	1.87%
Alanine	2.14%	Histidine	0.53%	Tyrosine	0.53%	Methionine	0.26%
Arginine	1.60%	Leucine	1.60%	Threonine	1.07%	Tryptophan	<LQ
Phenylalanine	0.80%	Lysine	1.60%	Valine	1.07%	Total	26.69%

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	1000-1200 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	700-1000 pre-sowing or transplanting
Cereals Industrial crops	800-1200 pre-sowing or transplanting
Fresh-cut produce crops	500-700 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Pellet	25-500 kg	5 mm	< 10%

SOIL APPLICATION · PELLET · BIO

ORGASTEAM MICRO · ORGATECH MICRO



Organpiù NP 3-3 Iron

ORGANIC NP FERTILISER
mixture of organic NP fertilisers +C
3-3+20

Provides organic nitrogen with slow natural release, sulphuric anhydride, phosphoric anhydride and a high iron content

Improves the nutritional status of plants

Prevents iron chlorosis

Characteristics

ORGANPIÙ NP 3-3 IRON is a product obtained by blending organic matrices from animal origin, such as meat meal, bone meal, hydrolysed leather and hides, characterised by a high humic carbon content (rich in humic and fulvic acids). It provides organic nitrogen (N) with slow natural release, SO_3 and a high iron (Fe) content in an assimilable form. **ORGANPIÙ NP 3-3 IRON** is recommended for basal fertilisation on soils affected by iron chlorosis and for crops with high sulphur requirements, particularly in orchards and vineyards, with or without grass cover, in both autumn and spring treatments. Moreover, the special combination of sulphates, slowly mineralised organic nitrogen and iron complexed with humic matter makes this product ideal for high value crops.

Composition	w/w
Organic nitrogen (N)	3.0%
Phosphoric anhydride (P_2O_5)	3.0%
Water-soluble sulphur trioxide (SO_3)	5.5%
Organic carbon (C)	20.0%
Organic matter	40.0%
Total iron (Fe)	4.0%

Components
ORGANIC FERTILISERS
Hydrolyzed leather and hides
Iron salt (sulphate)
Meat meal
Bone meal

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	700-800 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	600-700 pre-sowing or transplanting
Ornamental crops	400-500 pre-sowing or transplanting
Industrial crops	700-800 pre-sowing or transplanting
Fresh-cut produce crops	600-700 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Pellet	25-500 kg	5 mm	< 10%

SOIL APPLICATION · PELLET · BIO



Organpiù NP 3-3 Iron-Magnesium

ORGANIC NP FERTILISER
mixture of organic NP fertilisers +C
3-3+20

Provides essential nutrients, iron and magnesium

Improves the nutritional quality of plants

Increases colour intensity and uniformity, organoleptic profile and post-harvest shelf life

Characteristics

ORGANPIÙ NP 3-3 IRON-MAGNESIUM is an organic fertiliser for specific use, formulated to provide essential nutrients such as iron and soluble magnesium, as well as organic nitrogen, phosphorus and sulphur, which are fundamental for balanced crop nutrition, in a single product. The iron, derived from ferrous sulphate, and sulphuric anhydride (SO_3) are highly assimilable by crops and, when used in basal fertilisation, contribute to improving production quality and partially acidifying the area where the fertiliser is applied. This effect promotes an increase in the Soil Cation Exchange Capacity (SCEC), optimising the availability and effectiveness of the nutrients administered. The significant presence of magnesium sulphate (from KIESERITE), which is completely soluble, has a synergistic effect with iron and sulphur, contributing to the overall improvement of the quality of horticultural and fruit production in terms of colour, taste and shelf life. The most interesting agronomic applications are in viticulture (both wine and table grapes), where **ORGANPIÙ NP 3-3 IRON-MAGNESIUM** contributes to improving grape quality, promoting more intense and uniform colouring, enriching the aromatic profile and ensuring more balanced ripening of the bunches. The product is also particularly suitable for fruit crops, including new plantings, where it supports proper vegetative growth and improved soil nutritional efficiency. The product is particularly effective in horticultural crops, both in open fields and in protected cultivation, where **ORGANPIÙ NP 3-3 IRON-MAGNESIUM** shows high agronomic efficacy in promoting the starter effect, stimulating rooting and improving the colouring of young plant tissues.

Composition	w/w
Organic nitrogen (N)	3.0%
Phosphoric anhydride (P_2O_5)	3.0%
Organic carbon (C)	20.0%
Organic matter	40.0%

	w/w
Water-soluble sulphur trioxide (SO_3)	13.0%
Water-soluble magnesium oxide (MgO)	4.0%
Total iron (Fe)	4.0%

Components

ORGANIC FERTILISERS
Hydrolyzed leather and hides
Meat meal
Bone meal

Iron salt (sulphate)
Kieserite (magnesium sulphate) only of natural origin

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	800-900 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	700-800 pre-sowing or transplanting
Ornamental crops	450-550 pre-sowing or transplanting
Industrial crops	600-700 pre-sowing or transplanting
Fresh-cut produce crops	500-600 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Pellet	25-500 kg	5 mm	< 10%

SOIL APPLICATION · PELLET · BIO



Organpiù NP 3-3 Sulphur

ORGANIC NP FERTILISER
mixture of organic NP fertilisers +C
3-3+15

Increases the bioavailability of nutrients

Promotes a significant corrective action in alkaline soils

Improves soil chemical balance

Characteristics

ORGANPIÙ NP 3-3 SULPHUR is an NP organic fertiliser with high-purity elemental sulphur (S) integrated with organic protein matrices. The high sulphur content (43%) and the exclusive ORGANAZOTO production process give the product a marked corrective action in alkaline soils, promoting the availability of elements and helping to rebalance the soil pH. The use of **ORGANPIÙ NP 3-3 SULPHUR**, thanks to the presence of nitrogen and phosphorus in organic form, ensures balanced and prolonged nutrition over time, with gradual release and minimal losses due to leaching. The high sulphur content also promotes the synthesis of sulphur amino acids, which improve the organoleptic and qualitative characteristics of horticultural crops and enhance the formation and accumulation of proteins in cereals. The product is recommended for horticultural and fresh-cut crops, but also for autumn-winter cereals and tree crops. **ORGANPIÙ NP 3-3 SULPHUR** can be used during seedbed preparation or pre-planting, by distributing it over the entire field or along the rows.

Composition	w/w
Organic nitrogen (N)	3.0%
Phosphoric anhydride (P_2O_5)	3.0%
Total elemental sulphur (S)	43.0%
Organic carbon (C)	15.0%
Organic matter	30.0%

Components

ORGANIC FERTILISERS
Hydrolyzed leather and hides
Elemental sulphur
Meat meal
Bone meal

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	1000-1200 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	1200-1500 pre-sowing or transplanting
Ornamental crops	800-900 pre-sowing or transplanting
Industrial crops	1000-1500 pre-sowing or transplanting
Fresh-cut produce crops	800-1000 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Pellet	25-500 kg	5 mm	< 10%

SOIL APPLICATION · PELLET · BIO

Organo-mineral fertilisers

Fertifield NPK 18-7-5
Fertifield NPK 16-5-5 NBPT
Dermafert NPK 13-6-6
Fertifield NPK 12-5-5
Dermafert NPK 10-10-15 NBPT
Fertifield NPK 10-5-15
Dermafert NPK 8-16-12
Dermafert NPK 8-8-12
Dermafert NPK 8-5-16
Fertifield NPK 8-5-6 Bio
Universal NPK 8-5-6
Dermafert NPK 6-12-10
Fertifield NPK 6-9-18
Dermafert NPK 6-7-13 Bio
Fertifield NPK 5-10-15 Bio
Dermafert NPK 4-8-18
Dermafert NPK 4-5-6 Bio
Fertifield NPK 4-8-16
Fertifield NP 20-10 NBPT
Dermafert NP 11-25
Fertifield NP 10-20
Fertifield NP 8-15
Fertifield NP 7-14 Bio
Fertifield NP 5-12
Fertifield NP 5-12 Bio
Fertifield NK 8-20
Azopower N 38 NBPT
Azopower N 30 NBPT
Fertifield N 12

The range of **organo-mineral fertiliser pellets**, available in **N**, **NP**, **NK** and **NPK** formulations, offers a wide and versatile selection, developed to meet the diverse nutritional requirements of modern crops. The availability of solutions suitable for organic farming confirms Organazoto's commitment to increasingly sustainable production models. These formulations combine the effectiveness of the mineral component with the agronomic value of organic matter, and are enriched with potassium from sulphate or chloride and with **natural**, **slow-release organic nitrogen**. This integration provides complete, balanced and progressive nutrition, capable of supporting the plant through the various stages of the crop cycle. In this regard, a distinctive feature of the range is the exclusive technology

ORGAMIN-P®

A solution *Made in Organazoto* that embodies the company's manufacturing expertise. It is based on an advanced co-extrusion process involving organic and mineral matrices, a method historically adopted by the company to achieve optimal interaction between the two components. This method allows for a controlled and gradual release of nutrients, thereby improving their agronomic efficiency. The technology creates a stable bond between the mineral fraction and the organic protein fraction, protecting nutrients from leaching, reducing losses and making them progressively more readily available to plants. The result is more effective, sustainable and long-lasting nutrition.



Fertifield NPK 18-7-5

ORGANO-MINERAL FERTILISER
NPK (CaO)+C
18-7-5 (10)+10

Provides NPK from high-quality mineral and organic-protein matrices

Ensures a gradual and constant release of the elements

Promotes regular vegetative growth

Characteristics

FERTIFIELD NPK 18-7-5 is an organo-mineral NPK fertiliser obtained through a reaction between mineral matrices and organic-protein components. The formulation process is designed to maximise the protection of mineral elements, particularly phosphorus (P) and potassium (K), reducing losses caused by insolubilisation. The formulation includes: organic nitrogen with slow mineralisation, a significant amount of ureic nitrogen, a balanced ratio of P and K, and a highly selected fraction of organic matter. The presence of organic nitrogen of protein origin ensures a gradual and constant release of the element, promoting regular vegetative development and limiting losses due to leaching. The high quality of the organic matrices used gives the product excellent agronomic efficiency, resulting in a reduction in fertiliser units compared to traditional mineral fertilisers, with a consequent optimisation of costs and a lower environmental impact. The fertiliser is suitable for autumn and late winter fertilisation of tree crops. It is also suitable for fertilising horticultural crop.

Composition	w/w
Total nitrogen (N)	18.0%
Ureic nitrogen (N)	16.0%
Organic nitrogen (N)	2.0%
Total calcium oxide (CaO)	10.0%
Water-soluble potassium oxide (K_2O)	5.0%

	w/w
Total phosphoric anhydride (P_2O_5)	7.0%
Phosphoric anhydride (P_2O_5) soluble in mineral acids - Min. 55% in formic acid 2%	7.0%
Organic matter	20.0%
Organic carbon (C)	10.0%

Components

ORGANIC FERTILISERS
Mixture of organic nitrogen fertilisers
Mixture of organic NP fertilisers

MINERAL FERTILISERS
Urea
Soft natural phosphorus
Mixed potassium salts

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	600-650 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	700-800 pre-sowing or transplanting
Ornamental crops	350-450 pre-sowing or transplanting
Industrial crops	700-900 pre-sowing or transplanting
Fresh-cut produce crops	300-350 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

SOIL APPLICATION

PELLET

ORGAMIN-P®



Fertifield NPK 16-5-5 NBPT

ORGANO-MINERAL FERTILISER
NPK (CaO)+C
16-5-5 (8)+11 with urease inhibitor N- (n -butyl) thiophosphoric triamide (NBPT)

Provides organic nitrogen with gradual release and ureic nitrogen inhibited with NBPT

Also provides P and K bound to the organic protein matrix

Ensures progressive, prolonged and constant nutrient supply throughout the entire growing cycle

Characteristics

FERTIFIELD NPK 16-5-5 NBPT is an organo-mineral NPK fertiliser obtained through a reaction between mineral components and organic-protein matrices, using co-extrusion technology that optimises the interaction and stabilisation of nutrients. The product is characterised by organic nitrogen with slow natural mineralisation and ureic nitrogen treated with NBPT (urease inhibitor), which delays hydrolysis, reducing losses and increasing efficiency of use. In addition, the synergy between organic nitrogen with gradual release and nitrogen inhibited with NBPT ensures a progressive, prolonged and constant supply of nutrients to crops throughout the entire vegetative-productive cycle. The formulation also provides P and K from sulphate, both of which are fully assimilable by crops and bound to the organic-protein matrix, which limits insolubilisation processes. **FERTIFIELD NPK 16-5-5 NBPT** is suitable for all types of soil, resulting particularly effective in soils with high pH and low organic matter content. The product is recommended for autumn and spring basal fertilisation and maintenance of orchards, vineyards, horticultural crops and all crops that are affected by the presence of chlorides. It can also be used in grassed areas or in conditions where incorporation is not possible.

Composition	w/w
Total nitrogen (N)	16.0%
Ureic nitrogen (N)	14.0%
Organic nitrogen (N)	2.0%
Total calcium oxide (CaO)	8.0%
Water-soluble potassium oxide (K_2O) with low chlorine content	5.0%

	w/w
Total phosphoric anhydride (P_2O_5)	5.0%
Phosphoric anhydride (P_2O_5) soluble in mineral acid	5.0%
Organic matter	22.0%
Organic carbon (C)	11.0%

Components

ORGANIC FERTILISERS
Mixture of organic NP fertilisers
Mixture of organic nitrogen fertilisers

MINERAL FERTILISERS
Urea
Soft natural phosphorus
Potassium sulphate

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	550-600 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	650-750 pre-sowing or transplanting
Ornamental crops	300-450 pre-sowing or transplanting
Industrial crops	600-800 pre-sowing or transplanting
Fresh-cut produce crops	250-300 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

SOIL APPLICATION · PELLET · NBPT · NBPT

ORGAMIN-P®



Dermafert NPK 13-6-6

ORGANO-MINERAL FERTILISER
NPK (SO_3)+C
13-6-6 (5)+15

Provides a combination of different nitrogen forms (organic, ureic and ammoniacal), phosphorus and potassium

Supports vegetative growth throughout the entire crop cycle

Improves the qualitative characteristics of the productions

Characteristics

DERMAFERT NPK 13-6-6 is an organo-mineral NPK fertiliser obtained through a reaction between mineral matrices and organic protein components. The formulation, with a low chlorine content, is characterised by a high content of organic nitrogen derived from scleroprotein, with natural slow release. The combination of different nitrogen forms - organic (2.5%) with slow mineralisation, ammoniacal (2%) and ureic (8.5%) - provides a differentiated, complete and prolonged nitrogen supply, suitable for supporting the vegetative growth throughout the entire crop cycle. The phosphates, reacting with the organic protein fraction (over 30%), are protected against insolubilisation processes, resulting in greater availability over time. The potassium from sulphate, fully assimilable, represent a quality index of the product, while the high content of sulphates contributes to the improvement the qualitative characteristics of the productions. **DERMAFERT NPK 13-6-6** is indicated for basal fertilisation of citrus, orchards, olive groves and vegetable crops. Spring application is recommended to improve nutrient availability during the early stages of the vegetative cycle.

Composition	w/w
Total nitrogen (N)	13.0%
Ureic nitrogen (N)	8.5%
Organic nitrogen (N)	2.5%
Ammoniacal nitrogen (N)	2.0%
Water-soluble potassium oxide (K_2O) with low chlorine content	6.0%

	w/w
Total phosphoric anhydride (P_2O_5)	6.0%
Phosphoric anhydride (P_2O_5) soluble in neutral ammonium citrate and water	5.0%
Water soluble phosphoric anhydride (P_2O_5)	4.5%
Water-soluble sulphur trioxide (SO_3)	5.0%
Organic matter	30.0%
Organic carbon (C)	15.0%

Components

ORGANIC FERTILISERS
Mixture of organic NP fertilisers
Mixture of organic nitrogen fertilisers

MINERAL FERTILISERS
Urea
EC NP fertiliser
Potassium sulphate

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	600-650 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	700-800 pre-sowing or transplanting
Ornamental crops	350-450 pre-sowing or transplanting
Industrial crops	700-900 pre-sowing or transplanting
Fresh-cut produce crops	300-350 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

SOIL APPLICATION · PELLET

ORGAMIN-P®



Fertifield NPK 12-5-5

ORGANO-MINERAL FERTILISER
NPK (CaO)+C
12-5-5 (8)+14

Provides a high proportion of organic nitrogen, combined with a ureic fraction stabilised by the organic matter

Increases microbial biomass and nutrient uptake

Promotes root system development

Characteristics

FERTIFIELD NPK 12-5-5 is an organo-mineral NPK fertiliser obtained through a reaction between mineral components and organic matrices, designed to enhance phosphates and micronutrients protection against insolubilisation processes. **FERTIFIELD NPK 12-5-5** is a complete fertiliser enriched with sulphates and calcium. The product provides a high level of organic nitrogen and an ureic fraction stabilised with the organic matter, which slows down its hydrolysis. The organic nitrogen mineralises gradually, ensuring a constant organic matter supply over 30-45 days after the application and incorporation. The combined action of organic matter and protein matrices, increases the soil microbial biomass, improves the micronutrients assimilation, particularly iron, and promotes a greater phosphates availability. In addition, the stimulation of the soil enzymatic activity enhances the development of the roots system. Thanks to the presence of organic nitrogen, the formulation contribute to limit nitrates losses through leaching, supporting, at the same time, a balanced vegetative growth. This results in improved plant physiology, greater resistance to major phytopathologies, and increased tolerance to environmental stresses, especially water and temperature stress. **FERTIFIELD NPK 12-5-5** is suitable for a wide range of crops and is particularly recommended for autumn and spring basal fertilisation, as well as for top dressing applications in orchards, with or without grass cover.

Composition	w/w
Total nitrogen (N)	12.0%
Ureic nitrogen (N)	10.0%
Organic nitrogen (N)	2.0%
Total calcium oxide (CaO)	8.0%
Water-soluble potassium oxide (K_2O)	5.0%

	w/w
Total phosphoric anhydride (P_2O_5)	5.0%
Phosphoric anhydride (P_2O_5) soluble in mineral acids - Min. 55% in formic acid 2%	5.0%
Organic matter	28.0%
Organic carbon (C)	14.0%

Components

ORGANIC FERTILISERS
Mixture of organic NP fertilisers
Mixture of organic nitrogen fertilisers

MINERAL FERTILISERS
Urea
Soft natural phosphorus
Mixed potassium salts

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	600-650 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	700-800 pre-sowing or transplanting
Ornamental crops	350-450 pre-sowing or transplanting
Industrial crops	700-900 pre-sowing or transplanting
Fresh-cut produce crops	300-350 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

Also available in the GOLDENFARM NPK 12-5-5 line.

SOIL APPLICATION

PELLET

ORGAMIN-P®



Dermafert NPK 10-10-15 NBPT

ORGANO-MINERAL FERTILISER
NPK (SO_3)+C
10-10-15 (13)+10 with urease inhibitor N- (n -butyl) thiophosphoric triamide (NBPT)

Provides organic nitrogen with slow mineralisation, ureic nitrogen stabilized with NBPT and ammoniacal nitrogen

Also provides phosphorous and potassium complexated with the organic matter

Ensures a prolonged and constant nutritional supply throughout the entire cropping cycle

Characteristics

DERMAFERT NPK 10-10-15 NBPT is an organo-mineral NPK fertiliser obtained through a reaction between mineral components and organic protein matrices, using a coextrusion technology, which optimise the integration and the stability of different fractions of the formulation. The use of the inhibitor NBPT is an innovation element, capable to delay the hydrolysis of the ureic nitrogen, reducing nitrogen losses. The product is a complete fertiliser, as it combines organic nitrogen with slow mineralisation, ureic nitrogen stabilised with NBPT and ammoniacal nitrogen. This combination ensures a progressive, differentiated and constant nutritional supply throughout the entire cropping cycle. In addition, **DERMAFERT NPK 10-10-15 NBPT** contain high level of potassium and phosphorous from sulphate, both fully available by plants and complexed with the organic matter, which, reduces insolubilisation processes. The product is suitable for all soil, resulting particularly effective in soil with high pH value and low organic matter content. It is recommended for autumn and spring basal fertilisation, as well as maintenance fertilisation of orchards, vineyards and vegetable crops. The formulation is also suitable for use in grassed systems or in conditions where soil incorporation is not possible.

Composition	w/w
Total nitrogen (N)	10.0%
Ureic nitrogen (N)	5.0%
Organic nitrogen (N)	1.6%
Ammoniacal nitrogen (N)	3.4%
Water-soluble sulphur trioxide (SO_3)	13.0%
Water-soluble potassium oxide (K_2O) with low chlorine content	15.0%

	w/w
Total phosphoric anhydride (P_2O_5)	10.0%
Phosphoric anhydride (P_2O_5) soluble in neutral ammonium citrate and water	9.0%
Water soluble phosphoric anhydride (P_2O_5)	8.0%
Organic carbon (C)	10.0%
Organic matter	20.0%

Components

ORGANIC FERTILISERS
Mixture of organic NP fertilisers
Mixture of organic nitrogen fertilisers

MINERAL FERTILISERS
Urea
Soft natural phosphorus
Potassium sulphate
EC NP fertiliser

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	550-700 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	600-700 pre-sowing or transplanting
Ornamental crops	300-350 pre-sowing or transplanting
Industrial crops	600-800 pre-sowing or transplanting
Fresh-cut produce crops	250-350 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

SOIL APPLICATION

PELLET

NBPT

NBPT

ORGAMIN-P®



Fertifield NPK 10-5-15

ORGANO-MINERAL FERTILISER
NPK (CaO)+C
10-5-15 (8)+11

Provides a high content of organic and ureic nitrogen, phosphorus, potassium and calcium

Increases microbial biomass in the soil, improves the absorption of microelements and enhances the availability of phosphates

Contributes to the development of fruits and root system

Characteristics

FERTIFIELD NPK 10-5-15 is an organo-mineral NPK fertiliser obtained through a reaction between mineral components and organo protein matrices, a process that increases the assimilability and availability of mineral fractions in the soil. The formulation provides a high organic nitrogen content, combined with urea; part of the urea is protected by the organic matter, which slows down its hydrolysis and transforms it into a form that is released more gradually. Organic nitrogen gradually mineralises during the growing season, ensuring a constant supply for 30-45 days after distribution and, if necessary, it can be incorporated into the soil. The activity of organic matter promotes an increase in microbial biomass in the soil, improving the absorption of microelements, especially iron, and increasing the availability of phosphates. The presence of potassium contributes to fruit development and improves shelf life, while the enhancement of soil enzyme activity stimulates more efficient root growth. The organic content of the formulation also reduces nitrate losses due to leaching and supports balanced vegetative growth, increasing resistance to major plant diseases and tolerance to environmental stress, both water and thermal. The overall characteristics of the fertiliser make it particularly suitable for all high quality crops, both horticultural and fruit, and for all crops that benefit from a prolonged and modulated availability of nutrients.

Composition	w/w
Total nitrogen (N)	10.0%
Ureic nitrogen (N)	8.0%
Organic nitrogen (N)	2.0%
Water-soluble potassium oxide (K_2O)	15.0%
Total calcium oxide (CaO)	8.0%

	w/w
Total phosphoric anhydride (P_2O_5)	5.0%
Phosphoric anhydride (P_2O_5) soluble in mineral acid - Min. 55% in formic acid 2%	5.0%
Organic matter	22.0%
Organic carbon (C)	11.0%

Components

ORGANIC FERTILISERS
Mixture of organic nitrogen fertilisers
Mixture of organic NP fertilisers

MINERAL FERTILISERS
Urea
Soft natural phosphorus
Mixed potassium salts

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	600-700 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	700-900 pre-sowing or transplanting
Ornamental crops	400-550 pre-sowing or transplanting
Industrial crops	700-900 pre-sowing or transplanting
Fresh-cut produce crops	400-500 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

Also available in the GOLDENFARM NPK 10-5-15 line.

SOIL APPLICATION

PELLET

ORGAMIN-P



Dermafert NPK 8-16-12

ORGANO-MINERAL FERTILISER
NPK (SO_3-CaO)+C
8-16-12 (10-9) +9

Provides nitrogen, potassium, phosphorus from sulphate and a significant amount of organic matter

Improves the soil structure and increases the micronutrient uptake

Ensures a differentiated, complete and continuous nutrition to the crops, throughout the entire vegetative cycle

Characteristics

DERMAFERT NPK 8-16-12 is a LCC organo-mineral NPK fertiliser, obtained through a reaction between mineral components and umified and organic protein matrices, created to ensure the maximum protection of phosphates against the insolubilisation processes and to promote the chelation of micronutrients. This is a complete fertiliser, characterised by high level of organic nitrogen with natural slow release, phosphorus, potassium from sulphate and a significant amount of organic matter (>14%), that includes humic and fulvic acids from natural and plant origins. The formulation combines different nitrogen forms, providing a differentiated, continuous and complete nutritional supply to the crops, throughout the entire vegetative cycle. The phosphorus is highly available and protected by the organic fraction, which reduce the insolubilisation processes, while the high content of potassium from sulphate ensures a low chloride supply. Thanks to the high agronomic efficiency **DERMAFERT NPK 8-16-12** is capable to decrease the fertiliser units, with a reduction of the costs and a lower environmental impact. The product is particularly suitable for the basal and maintenance fertilisation, in soil poor in phosphorous and potassium, in orchards, vineyards and citrus groves, with or without grass cover. It is also widely used in crops such as potato, tomato, sugar beet, melon and tobacco.

Composition	w/w
Total nitrogen (N)	8.0%
Ureic nitrogen (N)	3.0%
Organic nitrogen (N)	1.5%
Ammoniacal nitrogen (N)	3.5%
Water-soluble sulphur trioxide (SO_3)	10.0%
Water-soluble potassium oxide (K_2O) with low chlorine content	12.0%
Total phosphoric anhydride (P_2O_5) soluble in mineral acid	16.0%

	w/w
Phosphoric anhydride (P_2O_5) soluble in neutral ammonium citrate and water	9.0%
Water soluble phosphoric anhydride (P_2O_5)	8.0%
Phosphoric anhydride (P_2O_5) soluble in mineral acids - Min. 55% in formic acid 2%	14.0%
Total calcium oxide (CaO)	9.0%
Organic carbon (C)	9.0%
Organic matter	18.0%

Components

ORGANIC FERTILISERS
Mixture of organic nitrogen fertilisers
Mixture of organic NP fertilisers

MINERAL FERTILISERS
Urea
EC NP fertiliser
Potassium sulphate
Soft natural phosphorus

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	650-700 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	700-900 pre-sowing or transplanting
Ornamental crops	450-600 pre-sowing or transplanting
Industrial crops	700-900 pre-sowing or transplanting
Fresh-cut produce crops	350-450 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

SOIL APPLICATION

PELLET

ORGAMIN-P



Dermafert NPK 8-8-12

ORGANO-MINERAL FERTILISER
NPK (SO_3)+C
8-8-12 (10)+12

Provides high level of nitrogen (in the organic, ammoniacal and ureic forms), P and K

Improves soil structure and increases the uptake of the microelements

Ensures a modulated release and a prolonged availability of nutrients

Characteristics

DERMAFERT NPK 8-8-12 is an organo-mineral NPK fertiliser, obtained from a reaction between mineral components and organic-protein matrices, combining a high level of nitrogen (in the organic, ammoniacal and ureic forms) and a significant content of P from sulphate and K. The mineral elements are fully available and stabilized by organic matrices, which protect them against insolubilisation processes and improves their persistence and mobility in the soil. The product is suitable for the autumn and spring basal fertilisation, as well as for maintenance fertilisation of orchards, vineyards, walnut, hazelnut and for the main vegetable crops, ensuring a modulated release and a prolonged availability of the nutrients.

Composition	w/w
Total nitrogen (N)	8.0%
Ureic nitrogen (N)	5.0%
Organic nitrogen (N)	1.5%
Ammoniacal nitrogen (N)	1.5%
Water-soluble sulphur trioxide (SO_3)	10.0%
Water-soluble potassium oxide (K_2O) with low chlorine content	12.0%

	w/w
Total phosphoric anhydride (P_2O_5)	8.0%
Phosphoric anhydride (P_2O_5) soluble in neutral ammonium citrate and water	4.0%
Water soluble phosphoric anhydride (P_2O_5)	3.0%
Phosphoric anhydride (P_2O_5) soluble in mineral acids - Min. 55% in formic acid 2%	7.0%
Organic matter	24.0%
Organic carbon (C)	12.0%

Components

ORGANIC FERTILISERS
Mixture of organic nitrogen fertilisers
Mixture of organic NP fertilisers

MINERAL FERTILISERS
Urea
EC NP fertiliser
Potassium sulphate
Soft natural phosphorus

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	600-750 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	700-900 pre-sowing or transplanting
Ornamental crops	400-500 pre-sowing or transplanting
Industrial crops	700-900 pre-sowing or transplanting
Fresh-cut produce crops	400-550 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

SOIL APPLICATION

PELLET

ORGAMIN-P



Dermafert NPK 8-5-16

ORGANO-MINERAL FERTILISER
NPK (SO_3)+C
8-5-16 (14)+12

Provides organic nitrogen at natural slow release, ammoniacal and ureic nitrogen, and a high level of sulphate-derived potassium

Increases microelements uptake

Ensures a progressive and differentiated release of the elements throughout the entire vegetative cycle

Characteristics

DERMAFERT NPK 8-5-16 is an organo-mineral NPK fertiliser, with low chlorine content, obtained through a reaction between mineral components and humified organic protein matrices. The formulation process ensures the phosphate protection against the insolubilisation and improves the chelation of microelements. This is a complete fertiliser, characterised by a combined supply of organic nitrogen with natural slow release, ammoniacal and ureic nitrogen, which ensures a progressive and prolonged release to the crops during the entire vegetative cycle. The phosphorous is present in high available form, thanks to the protection provided by the organic matrices. Its formulation can be distinguished, also, for the presence of potassium from sulphate and a significant level of organic matter (24%), derived from animal and vegetable matrices. The high efficiency of the product allows a reduction of the fertiliser units, resulting in lower costs and a reduced environmental impact. **DERMAFERT NPK 8-5-16** is particularly suitable both for basal and mainteinance fertilisation of vineyards and fruit trees, including under grasses conditions, and is highly recommended on sugar beet, strawberry and vegetable crops, especially in potassium deficient soils or in crops with high potassium requirements.

Composition	w/w
Total nitrogen (N)	8.0%
Ureic nitrogen (N)	5.0%
Organic nitrogen (N)	1.5%
Ammoniacal nitrogen (N)	1.5%
Water-soluble sulphur trioxide (SO_3)	14.0%
Water-soluble potassium oxide (K_2O) with low chlorine content	16.0%

	w/w
Total phosphoric anhydride (P_2O_5)	5.0%
Phosphoric anhydride (P_2O_5) soluble in neutral ammonium citrate and water	4.0%
Water soluble phosphoric anhydride (P_2O_5)	3.0%
Organic carbon (C)	12.0%
Organic matter	24.0%

Components

ORGANIC FERTILISERS
Mixture of organic nitrogen fertilisers
Mixture of organic NP fertilisers

MINERAL FERTILISERS
Urea
EC NP fertiliser
Potassium sulphate

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	650-700 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	700-900 pre-sowing or transplanting
Ornamental crops	400-550 pre-sowing or transplanting
Industrial crops	700-900 pre-sowing or transplanting
Fresh-cut produce crops	400-500 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

SOIL APPLICATION

PELLET

ORGAMIN-P



Fertifield NPK 8-5-6 Bio

ORGANO-MINERAL FERTILISER
NPK (SO_3)+C
8-5-6 (5)+25

Provides organic nitrogen with slow natural release, derived from selected protein matrices

Increases the availability of phosphates and microelements

Ensures gradual and prolonged release of nutrients

Characteristics

FERTIFIELD NPK 8-5-6 BIO is an organo-mineral NPK fertiliser with low chlorine content, obtained through a reaction process between organic matrices and mineral components, designed to increase the agronomic efficiency of organic nitrogen with higher levels and the availability of phosphates and microelements. **FERTIFIELD NPK 8-5-6 BIO** is a formulation characterised by a high content of organic nitrogen with slow natural release, derived from selected protein matrices (meat and bone meal, hydrolysed leather and hides), which ensure a gradual and prolonged release of nutrients, a balanced presence of highly assimilable phosphates, a potassium source from sulphate with low chlorine content and a high content of organic matter of protein origin (>50%). **FERTIFIELD NPK 8-5-6 BIO** is particularly suitable for autumn and spring basal fertilisation and can also be used in grassy vineyards thanks to its highly efficient agronomic formulation. This formulation makes the product suitable for use on high value crops that are sensitive to chlorides.

Composition	w/w
Total nitrogen (N)	8.0%
Organic nitrogen (N)	8.0%
Total phosphoric anhydride (P_2O_5) soluble in mineral acid	5.0%
Water-soluble sulphur trioxide (SO_3)	5.0%

	w/w
Water-soluble potassium oxide (K_2O)	6.0%
Organic carbon (C)	25.0%
Organic matter	50.0%

Components

ORGANIC FERTILISERS
Hydrolyzed leather and hides
Meat meal
Bone meal

MINERAL FERTILISERS
Soft natural phosphorus
Potassium sulphate containing magnesium salts

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	600-700 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	700-900 pre-sowing or transplanting
Ornamental crops	600-700 pre-sowing or transplanting
Industrial crops	800-900 pre-sowing or transplanting
Fresh-cut produce crops	600-700 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

SOIL APPLICATION · PELLET · BIO · BIO

ORGAMIN-P



Universal NPK 8-5-6

ORGANO-MINERAL FERTILISER
NPK (CaO)+C
8-5-6 (8)+16

Provides organic nitrogen derived from scleroproteins, a portion of synthetic nitrogen, phosphorus and potassium

Improves the assimilation of microelements

Ensures a gradual and constant release of nutrients

Characteristics

UNIVERSAL NPK 8-5-6 is an organo-mineral NPK fertiliser obtained through a reaction between mineral components and organic protein matrices. The formulation is characterised by organic nitrogen with slow mineralisation derived from scleroproteins, combined with a portion of synthetic nitrogen and significant amounts of phosphorus and potassium. The balanced ratio of nutrients ensures a gradual and constant release, which makes the product particularly suitable for nutrition of vines and fruit trees, in post-harvest or spring fertilisation, even in grassed systems. **UNIVERSAL NPK 8-5-6** is also suitable for basal fertilisation of herbaceous crops: a light pre-sowing incorporation promotes the mineralisation of organic matter. Its high agronomic efficiency, due to its organic nitrogen and organic matter content, combined with a competitive price/quality ratio, allows the product to be a valid alternative to conventional mineral fertilisers.

Composition	w/w
Total nitrogen (N)	8.0%
Organic nitrogen (N)	2.5%
Ureic nitrogen (N)	5.5%
Total phosphoric anhydride (P_2O_5) soluble in mineral acid	5.0%
Phosphoric anhydride (P_2O_5) soluble in mineral acids - Min. 55% in formic acid 2%	5.0%

	w/w
Water-soluble potassium oxide (K_2O)	6.0%
Total calcium oxide (CaO)	8.0%
Organic matter	32.0%
Organic carbon (C)	16.0%

Components

ORGANIC FERTILISERS
Mixture of organic nitrogen fertilisers
Mixture of organic NP fertilisers

MINERAL FERTILISERS
Soft natural phosphorus
Mixed potassium salts
Urea

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	800-1000 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	1000-1200 pre-sowing or transplanting
Ornamental crops	600-700 pre-sowing or transplanting
Industrial crops	1000-1500 pre-sowing or transplanting
Fresh-cut produce crops	500-600 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

SOIL APPLICATION · PELLET

ORGAMIN-P



Dermafert NPK 6-12-10

NITROGEN ORGANO-MINERAL FERTILISER
NPK (SO_3)+C
6-12-10 (8)+11

Provides organic, ureic and ammoniacal nitrogen

Contains also a high level of sulphate-derived potassium and phosphorous

Ensures a progressive, differentiated and constant nutritive supply, during the entire vegetative-reproductive cycle

Characteristics

DERMAFERT NPK 6-12-10 is a complete organo-mineral NPK fertiliser, obtained through a reaction between mineral matrices and protein components, capable to providing organic, ureic and ammoniacal nitrogen to the crops, ensuring a progressive, differentiated and constant nutrient supply during the entire vegetative and reproductive cycle. **DERMAFERT NPK 6-12-10** is characterised by a high content of potassium from sulphate, highly available, and by an amount of phosphorus protected by the organic matter, which reduces insolubilisation processes. It can be used in potassium deficient crops (sugar beet, vegetable crops), in potassium deficient soil, and it is strongly recommended for fruit crops, vineyards, walnut and hazelnut.

Composition	w/w
Total nitrogen (N)	6.0%
Ureic nitrogen (N)	2.5%
Organic nitrogen (N)	1.5%
Ammoniacal nitrogen (N)	2.0%
Water-soluble sulphur trioxide (SO_3)	8.0%
Water-soluble potassium oxide (K_2O) with low chlorine content	10.0%

	w/w
Total phosphoric anhydride (P_2O_5)	12.0%
Phosphoric anhydride (P_2O_5) soluble in neutral ammonium citrate and water	4.0%
Water soluble phosphoric anhydride (P_2O_5)	3.0%
Phosphoric anhydride (P_2O_5) soluble in mineral acids - Min. 55% in formic acid 2%	10.0%
Organic matter	22.0%
Organic carbon (C)	11.0%

Components

ORGANIC FERTILISERS
Mixture of organic nitrogen fertilisers
Mixture of organic NP fertilisers

MINERAL FERTILISERS
Urea
EC NP fertiliser
Potassium sulphate
Soft natural phosphorus

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	700-800 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	800-1000 pre-sowing or transplanting
Ornamental crops	450-600 pre-sowing or transplanting
Industrial crops	600-700 pre-sowing or transplanting
Fresh-cut produce crops	350-450 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

SOIL APPLICATION

PELLET

ORGAMIN-P



Fertifield NPK 6-9-18

ORGANO-MINERAL FERTILISER
NPK (CaO)+C
6-9-18 (13)+9

Provides a high potassium content

Improves the assimilation of microelements

Ensures a progressive and constant release of nutrients

Characteristics

FERTIFIELD NPK 6-9-18 is an NPK organo-mineral fertiliser obtained through the reaction of selected raw materials that optimise the balanced ratio between fertilising elements and improve their assimilability. The high phosphorus, potassium, nitrogen and calcium content, combined with the presence of organic matter with a complexing function, gives **FERTIFIELD NPK 6-9-18** high agronomic efficiency. The formulation is particularly suitable for autumn and spring basal fertilisation of orchards, vines, hazelnuts and walnuts, as well as for a wide range of horticultural crops.

Composition	w/w
Total nitrogen (N)	6.0%
Organic nitrogen (N)	2.0%
Ureic nitrogen (N)	4.0%
Total phosphoric anhydride (P_2O_5)	9.0%
Phosphoric anhydride (P_2O_5) soluble in mineral acids - Min. 55% in formic acid 2%	9.0%

	w/w
Water-soluble potassium oxide (K_2O)	18.0%
Total calcium oxide (CaO)	13.0%
Organic matter	18.0%
Organic carbon (C)	9.0%

Components

ORGANIC FERTILISERS
Mixture of organic nitrogen fertilisers
Mixture of organic NP fertilisers

MINERAL FERTILISERS
Soft natural phosphorus
Mixed potassium salts
Urea

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	650-700 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	700-900 pre-sowing or transplanting
Ornamental crops	400-550 pre-sowing or transplanting
Industrial crops	700-900 pre-sowing or transplanting
Fresh-cut produce crops	400-500 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

SOIL APPLICATION

PELLET

ORGAMIN-P



Dermafert NPK 6-7-13 Bio

ORGANO-MINERAL FERTILISER
NPK(CaO-SO_3)+C
6-7-13 (9-11)+20

Provides NPK from mineral matrices and organic protein components

Promotes nutrient uptake

Increases the potassium content in soils

Characteristics

DERMAFERT NPK 6-7-13 BIO is an organo-mineral NPK fertiliser with a low content of chlorine, obtained through a reaction between mineral matrices and organic protein components. The product contains: organic nitrogen from scleroprotein origin with natural slow release, capable of ensuring a constant supply during the entire cropping cycle; assimilable phosphorous protected by organic matter in order to avoid insolubilisation processes; potassium from sulphate with high solubility; a high content of sulphates immediately available and a huge amount of organic matter from protein origin (>38%). The high agronomic efficiency of **DERMAFERT NPK 6-7-13 BIO** permit to optimise the supply of fertiliser unit, reducing the fertilisation costs and the environmental impact. The product is recommended for all the crops requiring a constant nitrogen supply, and is particularly suitable for potassium demanding crops and potassium deficient soils. It can be used for the autumn and spring basal fertilisation, as well as for top dressing applications in fruit trees and vineyards, especially with grasses conditions. The presence of potassium from sulphate and sulphates makes **DERMAFERT NPK 6-7-13 BIO** particularly suitable for the high quality crops, especially for those sensitive to chloride.

Composition	w/w		w/w
Total nitrogen (N)	6.0%	Water-soluble potassium oxide (K_2O)	13.0%
Organic nitrogen (N)	6.0%	Total calcium oxide (CaO)	9.0%
Phosphoric anhydride (P_2O_5)	7.0%	Organic matter	40.0%
Water-soluble sulphur trioxide (SO_3)	11.0%	Organic carbon (C)	20.0%

Components

ORGANIC FERTILISERS	MINERAL FERTILISERS
Hydrolyzed leather and hides	Soft natural phosphorus
Meat meal	Potassium sulphate
Bone meal	

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	500-600 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	700-900 pre-sowing or transplanting
Ornamental crops	600-700 pre-sowing or transplanting
Industrial crops	800-900 pre-sowing or transplanting
Fresh-cut produce crops	600-700 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

SOIL APPLICATION · PELLET · BIO · BIO

ORGAMIN-P



Fertifield NPK 5-10-15 Bio

ORGANO-MINERAL FERTILISER
NPK (SO_3)+C
5-10-15 (13)+14

Provides NPK with low chlorine content from mineral components and organic protein matrices

Improves the assimilation of mineral fractions

Increases nutrient bioavailability

Characteristics

FERTIFIELD NPK 5-10-15 BIO is an organo-mineral NPK fertiliser with low chlorine content, obtained through a reaction between mineral components and organic protein matrices, a process that increases the bioavailability of nutrients and improves the assimilability of mineral fractions. **FERTIFIELD NPK 5-10-15 BIO** is characterised by organic nitrogen with slow natural release, derived from selected protein matrices, phosphates of both mineral and organic origin, which are highly bioavailable thanks to the reaction process with the organic matter, potassium from sulphate with a very low chloride content, and selected organic matter (meat and bone meal, hydrolysed leather and hides) which, through slow mineralisation, guarantee sustainable nutrition. All these properties give **FERTIFIELD NPK 5-10-15 BIO** significant agronomic efficiency, allowing for reductions in application rates up to 20-25% compared to mineral fertilisers with the same or higher nutrient content. It is suitable for all high quality crops, horticultural and fruit crops, which require prolonged and constant nutritional supply..

Composition	w/w		w/w
Total nitrogen (N)	5.0%	Water-soluble potassium oxide (K_2O)	15.0%
Organic nitrogen (N)	5.0%	Organic carbon (C)	14.0%
Total phosphoric anhydride (P_2O_5)	10.0%	Organic matter	28.0%
Total calcium oxide (CaO)	14.0%	Water-soluble sulphur trioxide (SO_3)	13.0%

Components

ORGANIC FERTILISERS	MINERAL FERTILISERS
Hydrolyzed leather and hides	Soft natural phosphorus
Meat meal	Potassium sulphate (may contain magnesium salts)
Bone meal	

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	500-600 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	700-900 pre-sowing or transplanting
Ornamental crops	600-700 pre-sowing or transplanting
Industrial crops	800-900 pre-sowing or transplanting
Fresh-cut produce crops	600-700 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

SOIL APPLICATION · PELLET · BIO · BIO

ORGAMIN-P



Dermafert NPK 4-8-18

ORGANO-MINERAL FERTILISER
NPK (SO_3)+C
4-8-18 (16)+10

Provides organic nitrogen and a high content of sulphate-derived potassium

Contains also an high content of organic matter (20%)

Promotes a gradual nutrients availability

Characteristics

DERMAFERT NPK 4-8-18 is an organo-mineral NPK fertiliser with a low chlorine content, obtained through a rection between mineral matrices and organic components, which provides a maximum phosphate protection against insolubilisation processes. The formulation contains organic nitrogen with natural slow release, a high content of potassium from sulphate, full water soluble, a low chlorine content and a high level of organic protein matter (20%). This formulation increases the fertiliser unit efficiency and promotes a gradual availability of the nutrients. Thanks to these characteristics, **DERMAFERT NPK 4-8-18** is particularly suitable to the vineyards fertilisation, both grasses and non-grassed, to high quality crops sensitive to chlorides, in potassium deficient soils, where it supply a balanced nutrition with nitrogen and phosphorous and an high amount of potassium. It is, also, recommended for autumn and spring basal fertilisation.

Composition	w/w
Total nitrogen (N)	4.0%
Ammoniacal nitrogen (N)	2.0%
Organic nitrogen (N)	2.0%
Water-soluble potassium oxide (K_2O) with low chlorine content	18.0%
Water-soluble sulphur trioxide (SO_3)	16.0%

	w/w
Total phosphoric anhydride (P_2O_5)	8.0%
Phosphoric anhydride (P_2O_5) soluble in neutral ammonium citrate and water	5.0%
Water soluble phosphoric anhydride (P_2O_5)	4.5%
Organic matter	20.0%
Organic carbon (C)	10.0%

Components

ORGANIC FERTILISERS
Mixture of organic nitrogen fertilisers
Mixture of organic NP fertilisers

MINERAL FERTILISERS
Potassium sulphate
EC NP fertiliser

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	650-700 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	750-950 pre-sowing or transplanting
Ornamental crops	450-600 pre-sowing or transplanting
Industrial crops	750-950 pre-sowing or transplanting
Fresh-cut produce crops	450-500 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

SOIL APPLICATION

PELLET

ORGAMIN-P



Dermafert NPK 4-5-6 Bio

ORGANO-MINERAL FERTILISER
NPK (SO_3)+C
4-5-6 (5)+20

Provides NPK with a low chlorine content obtained from mineral and organic matrices

Improves the soil microbiological activity

Allows a balanced supply of nutrients

Characteristics

DERMAFERT NPK 4-5-6 BIO is an organo-mineral NPK fertiliser with a low chlorine content, obtained through a reaction between organic and mineral components, which improves its agronomic efficiency. The organic nitrogen (N) content with a natural slow release, associated with the availability of phosphorous (P), potassium (K) and sulphur trioxide (SO_3), provides a balanced supply of nutrient. The high amount of organic protein matter, promotes soil microbiological activity. **DERMAFERT NPK 4-5-6 BIO** is particularly suggested for the autumn and spring basal fertilisation, and also on grasses soil and can be used in high value horticultural crops and fruit trees.

Composition	w/w
Total nitrogen (N)	4.0%
Organic nitrogen (N)	4.0%
Total phosphoric anhydride (P_2O_5) soluble in mineral acid	5.0%
Phosphoric anhydride (P_2O_5) soluble in 2% formic acid	2.8%

	w/w
Water-soluble potassium oxide (K_2O) with low chlorine content	6.0%
Organic carbon (C)	20.0%
Organic matter	40.0%
Water-soluble sulphur trioxide (SO_3)	5.0%

Components

ORGANIC FERTILISERS
Hydrolyzed leather and hides
Meat meal
Bone meal

MINERAL FERTILISERS
Soft natural phosphorus
Potassium sulphate

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	650-750 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	800-1000 pre-sowing or transplanting
Ornamental crops	700-800 pre-sowing or transplanting
Industrial crops	900-1000 pre-sowing or transplanting
Fresh-cut produce crops	700-800 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Pellet	25 -500 kg	5 mm	< 10%

SOIL APPLICATION

PELLET

BIO

BIO

ORGAMIN-P



Fertifield NPK 4-8-16

ORGANO-MINERAL FERTILISER
NPK (CaO)+C
4-8-16 (11)+11

Contributes to the regular development of fruit and improves its post harvest shelf life

Increases microbial biomass in the soil and improves the availability of microelements

Promotes uniform crop growth

Characteristics

FERTIFIELD NPK 4-8-16 is an organo-mineral NPK fertiliser obtained through the reaction of raw materials, formulated to enhance the high organic nitrogen content and improve the assimilability of phosphates through the action of complexing organic components. The organic nitrogen present gradually mineralises over 30-45 days after application, ensuring a gradual release. The addition of organic matter increases the microbial biomass in the soil, improving the availability of microelements, particularly iron, and promoting better phosphate absorption. The presence of potassium contributes to the regular development of the fruit and improves its post harvest shelf life, while the increase in soil enzyme activity stimulates root growth. The balance between organic and mineral components reduces nitrate leaching losses, promotes uniform plant growth and increases resistance to plant diseases and environmental stresses, both hydric and thermal. **FERTIFIELD NPK 4-8-16** is particularly suitable for autumn and spring basal fertilisation, even in grassed vineyards and tree crops. The formulation is also recommended for base and maintenance treatments in soils deficient in phosphorus and potassium, in orchards, vineyards and citrus trees, with or without grass cover, and is also widely used in high-value herbaceous cultures such as potatoes, tomatoes, sugar beet, melons and tobacco.

Composition	w/w
Total nitrogen (N)	4.0%
Organic nitrogen (N)	2.0%
Ureic nitrogen (N)	2.0%
Total phosphoric anhydride (P_2O_5)	8.0%
Phosphoric anhydride (P_2O_5) soluble in mineral acids - Min. 55% in formic acid 2%	8.0%

	w/w
Water-soluble potassium oxide (K_2O)	16.0%
Total calcium oxide (CaO)	11.0%
Organic matter	22.0%
Organic carbon (C)	11.0%

Components

ORGANIC FERTILISERS
Mixture of organic nitrogen fertilisers
Mixture of organic NP fertilisers

MINERAL FERTILISERS
Soft natural phosphorus
Mixed potassium salts
Urea

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	650-700 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	750-950 pre-sowing or transplanting
Ornamental crops	450-600 pre-sowing or transplanting
Industrial crops	750-950 pre-sowing or transplanting
Fresh-cut produce crops	450-500 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

SOIL APPLICATION

PELLET

ORGAMIN-P



Fertifield NP 20-10 NBPT

ORGANO-MINERAL FERTILISER
NP (CaO)+C
20-10 (14)+7.5 with urease inhibitor N- (n -butyl) thiophosphoric triamide (NBPT)

Reduces nitrogen losses due to volatilisation through the use of NBPT

Provides a constant and gradual release of nitrogen over time

Improves yields and production quality

Characteristics

FERTIFIELD NP 20-10 NBPT is an organo-mineral NP fertiliser obtained through a reaction between mineral components and organic protein matrices, carried out with a coextrusion process that optimises the interaction between the organic and mineral fractions. **FERTIFIELD NP 20-10 NBPT** is characterised by organic nitrogen with natural slow release, derived from high-quality protein matrices; ureic nitrogen with NBPT, a urease inhibitor that delays urea hydrolysis and significantly reduces nitrogen losses; assimilable phosphorus that becomes progressively available thanks to complexation with the organic fraction; and organic matter of protein origin. The use of NBPT represents an innovative element, ensuring greater nitrogen use efficiency and prolonged nutrient availability over time. **FERTIFIELD NP 20-10 NBPT** makes it possible to apply dosages specific to the actual needs of crops, optimising yields and management costs. It also contains phosphoric anhydride (P_2O_5), which, thanks to its interaction with the organic protein matrix, is made available to plants throughout the crop cycle. The use of **FERTIFIELD NP 20-10 NBPT** is particularly recommended in alkaline soils, in soils with low buffering capacity, and in those with a reduced organic matter content. The product is recommended for sowing autumn–winter cereals, such as common and durum wheat, as well as for spring and row crops including maize, sorghum, sunflower, oilseed rape and sugar beet. It is also used in industrial vegetable crops such as tomato, artichoke and spinach. It is of particular agronomic interest for tree crops such as citrus, olive and hazelnut.

Composition	w/w
Total nitrogen (N)	20.0%
Ureic nitrogen (N)	18.0%
Organic nitrogen (N)	2.0%
Total calcium oxide (CaO)	14.0%

	w/w
Total phosphoric anhydride (P_2O_5)	10.0%
Phosphoric anhydride (P_2O_5) soluble in mineral acid	10.0%
Organic matter	15.0%
Organic carbon (C)	7.5%

Components

ORGANIC FERTILISERS
Mixture of organic nitrogen fertilisers
Mixture of organic NP fertilisers

MINERAL FERTILISERS
Urea
Soft natural phosphorus

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	400-600 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	500-600 pre-sowing or transplanting
Ornamental crops	350-400 pre-sowing or transplanting
Industrial crops	600-700 pre-sowing or transplanting
Fresh-cut produce crops	250-300 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

SOIL APPLICATION

PELLET

NBPT

NBPT

ORGAMIN-P



Dermafert NP 11-25

ORGANO-MINERAL FERTILISER
NP (CaO)+C
11-25 (10)+7.5

Provides a high content of phosphorous, both organic and mineral

Supplies a constant and progressive release of the nutrient

Increases the biological fertility of the soil

Characteristics

DERMAFERT NP 11-25 is an organo-mineral NP fertiliser obtained through a reaction between mineral components and organic matrices, aimed at stabilising and protecting phosphates from soil insolubilisation, thereby ensuring greater availability of the phosphorus over time. The main characteristics of **DERMAFERT NP 11-25** are: the presence of organic nitrogen with slow natural release, which ensure a gradual and constant release of nitrogen and a progressive availability of the other nutritive elements; high level of phosphorous, both mineral and organic; high content of organic matter (15%), derived from different matrices of natural origin. This composition promotes a gradual release of nitrogen, increases the agronomy efficiency of fertiliser unit and improves the biological fertility of the soil. The high quality of the matrices used and the excellent agronomic efficiency of the formulation permit to obtain high level of the yields, with reduced management costs and a lower environmental impact, thanks to a more rational use of the elements. The fertiliser is recommended for basal and in pre-sowing application in cereals, as well as during the establishment and the production phases of fruit trees and vineyards. It is also particularly suitable for localized application on sugar beet, especially in soil well supplied with available potassium.

Composition	w/w
Total nitrogen (N)	11.0%
Ureic nitrogen (N)	3.0%
Organic nitrogen (N)	1.5%
Ammoniacal nitrogen (N)	6.5%
Organic matter	15.0%
Organic carbon (C)	7.5%

	w/w
Total phosphoric anhydride (P_2O_5)	25.0%
Phosphoric anhydride (P_2O_5) soluble in mineral acids - Min. 55% in formic acid 2%	23.0%
Water soluble phosphoric anhydride (P_2O_5)	15.0%
Phosphoric anhydride(P_2O_5) soluble in neutral ammonium citrate and water	17.0%
Total calcium oxide (CaO)	10.0%

Components

ORGANIC FERTILISERS
Mixture of organic nitrogen fertilisers
Mixture of organic NP fertilisers

MINERAL FERTILISERS
Urea
Soft natural phosphorus
EC NP fertiliser

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	350-450 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	600-700 pre-sowing or transplanting
Ornamental crops	300-350 pre-sowing or transplanting
Industrial crops	600-800 pre-sowing or transplanting
Fresh-cut produce crops	250-300 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

SOIL APPLICATION

PELLET

ORGAMIN-P



Fertifield NP 10-20

ORGANO-MINERAL FERTILISER
NP +C
10-20 +8

Provides a high content of phosphorus and slow release organic nitrogen

Ensures proper nutrition throughout all stages of the crop cycle

Reduces the risk of leaching losses

Characteristics

FERTIFIELD NP 10-20 is an organo-mineral NP fertiliser obtained through a reaction between mineral components and organic protein matrices, formulated to ensure maximum protection of phosphates against insolubilisation, particularly in clay soils. **FERTIFIELD NP 10-20** provides organic nitrogen with natural slow release, high phosphorus inputs, and a high percentage of organic matter. The technically balanced N/P ratio ensures proper nutrition during the early stages of the crop cycle, while the presence of organic nitrogen promotes regular and controlled growth, reducing the risk of leaching losses. The high quality of the organic matrices used in the formulation allows a reduction in fertiliser units, increasing nutrient use efficiency while simultaneously lowering management costs and reducing environmental impact. **FERTIFIELD NP 10-20** is recommended for pre-sowing fertilisation of autumn-winter and spring cereals, and is optimally suited for the nutrition of sugar beet, sunflower, oilseed rape and sorghum, ensuring a consistent availability of nitrogen and phosphorus during the critical early stages of crop development.

Composition	w/w
Total nitrogen (N)	10.0%
Ureic nitrogen (N)	5.5%
Organic nitrogen (N)	1.5%
Ammoniacal nitrogen (N)	3.0%
Organic matter	16.0%
Organic carbon (C)	8.0%

	w/w
Phosphoric anhydride (P_2O_5) soluble in mineral acid	20.0%
Phosphoric anhydride (P_2O_5) soluble in neutral ammonium citrate and water	7.0%
Water soluble phosphoric anhydride (P_2O_5)	6.0%
Phosphoric anhydride (P_2O_5) soluble in mineral acids - Min. 55% in formic acid 2%	18.0%

Components

ORGANIC FERTILISERS
Mixture of organic nitrogen fertilisers
Mixture of organic NP fertilisers

MINERAL FERTILISERS
Urea
Soft natural phosphorus
EC NP fertiliser

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	350-450 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	600-700 pre-sowing or transplanting
Ornamental crops	300-350 pre-sowing or transplanting
Industrial crops	600-800 pre-sowing or transplanting
Fresh-cut produce crops	250-300 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

SOIL APPLICATION

PELLET

ORGAMIN-P



Fertifield NP 8-15

ORGANO-MINERAL FERTILISER
NP (CaO)+C
8-15 (21)+9

Provides a high content of phosphorus from mineral and organic origin, calcium and organic matter

Ensures a gradual and constant release of nutrients during the early stages of vegetative development

Maximises the protection of phosphates against insolubilisation

Characteristics

FERTIFIELD NP 8-15 is an organo-mineral NP fertiliser obtained through a reaction between mineral components and organic protein matrices, designed to maximise the protection of phosphates against insolubilisation. The product is specifically recommended for basal and pre-sowing fertilisation of cereals and leguminous crops, thanks to the presence of organic nitrogen with natural slow release, which ensures a gradual and constant nutrient supply during the early stages of vegetative development. The high content of phosphoric anhydride (P_2O_5) from mineral and organic origin, together with the presence of calcium (CaO) and a significant portion of organic matter (18%) derived from selected protein matrices, gives **FERTIFIELD NP 8-15** a high agronomic efficiency.

Composition	w/w
Total nitrogen (N)	8.0%
Ureic nitrogen (N)	6.5%
Organic nitrogen (N)	1.5%
Total calcium oxide (CaO)	21.0%

	w/w
Phosphoric anhydride (P_2O_5)	15.0%
Phosphoric anhydride (P_2O_5) soluble in mineral acids - Min. 55% in formic acid 2%	15.0%
Organic matter	18.0%
Organic carbon (C)	9.0%

Components

ORGANIC FERTILISERS
Mixture of organic nitrogen fertilisers
Mixture of organic NP fertilisers

MINERAL FERTILISERS
Urea
Soft natural phosphorus

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	350-450 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	600-700 pre-sowing or transplanting
Ornamental crops	300-350 pre-sowing or transplanting
Industrial crops	600-800 pre-sowing or transplanting
Fresh-cut produce crops	250-350 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

SOIL APPLICATION

PELLET

ORGAMIN-P



Fertifield NP 7-14 Bio

ORGANO-MINERAL FERTILISER
NP (CaO)+C
7-14 (18)+20

Provides high quality organic matter and mineral components

Ensures the protection of phosphates against insolubilisation

Improves soil fertility

Characteristics

FERTIFIELD NP 7-14 BIO is an organo-mineral NP fertiliser obtained through a reaction between mineral matrices and organic protein components, which ensures the protection of phosphates against insolubilisation processes and increases their availability to crops. **FERTIFIELD NP 7-14 BIO** is a formulation based on exclusively organic nitrogen with natural slow release, derived from meat and bone meal, hydrolysed leather and hides, which ensures a progressive and constant nutrient supply throughout the entire crop cycle, and also contains assimilable phosphates and calcium. The combination of these characteristics makes the product particularly suitable for acidic or sub-acidic soils with a good supply of available potassium, as well as for soils deficient in phosphorus. Moreover, **FERTIFIELD NP 7-14 BIO** shows high agronomic efficiency of the fertiliser units, making it possible to achieve higher nutrient yields while simultaneously reducing environmental impact and fertilisation costs. The product is ideal for autumn and spring basal fertilisation of cereals and for the planting phase of fruit crops and vineyards, especially in soils with a good potassium supply.

Composition	w/w
Total nitrogen (N)	7.0%
Organic nitrogen (N)	7.0%
Phosphoric anhydride (P_2O_5)	14.0%

	w/w
Total calcium oxide (CaO)	18.0%
Organic carbon (C)	20.0%
Organic matter	40.0%

Components

ORGANIC FERTILISERS
Hydrolyzed leather and hides
Meat meal
Bone meal

MINERAL FERTILISERS
Soft natural phosphorus

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	500-700 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	550-650 pre-sowing or transplanting
Ornamental crops	450-550 pre-sowing or transplanting
Industrial crops	500-700 pre-sowing or transplanting
Fresh-cut produce crops	400-500 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

SOIL APPLICATION

PELLET

BIO

BIO

ORGAMIN-P



Fertifield NP 5-12

ORGANO-MINERAL FERTILISER
NP (CaO)+C
5-12 (17)+14

Provides phosphorus and nitrogen from high-quality organic matrices

Ensures a balanced supply of nutrients

Maximises the protection of phosphates against insolubilisation

Characteristics

FERTIFIELD NP 5-12 is an organo-mineral NP fertiliser obtained through a reaction between mineral components and organic protein matrices, designed to maximise the protection of phosphates against insolubilisation. The product is particularly suitable for autumn–winter cereal basal and pre-sowing fertilisation, as well as for spring crop applications. The nutrient composition ensures a balanced supply of essential elements at a contained cost, while the high quality of the organic matrices allows a reduction in application rates per hectare, resulting in a lower environmental impact. **FERTIFIELD NP 5-12** is also suitable for leguminous crops, sunflower, soybean and sorghum.

Composition	w/w
Total nitrogen (N)	5.0%
Ureic nitrogen (N)	3.0%
Organic nitrogen (N)	2.0%
Total calcium oxide (CaO)	17.0%

	w/w
Phosphoric anhydride (P_2O_5)	12.0%
Phosphoric anhydride (P_2O_5) soluble in mineral acids - Min. 55% in formic acid 2%	12.0%
Organic matter	28.0%
Organic carbon (C)	14.0%

Components

ORGANIC FERTILISERS
Mixture of organic nitrogen fertilisers
Mixture of organic NP fertilisers

MINERAL FERTILISERS
Urea
Soft natural phosphorus

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	450-550 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	500-700 pre-sowing or transplanting
Ornamental crops	300-350 pre-sowing or transplanting
Industrial crops	700-900 pre-sowing or transplanting
Fresh-cut produce crops	350-450 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

SOIL APPLICATION

PELLET

ORGAMIN-P



Fertifield NP 5-12 Bio

ORGANO-MINERAL FERTILISER
NP (CaO)+C
5-12 (16)+20

Provides high quality organic matter and mineral components

Ensures progressive phosphorus availability in synergy with calcium

Contributes to improving soil structure

Characteristics

FERTIFIELD NP 5-12 BIO is an organo-mineral NP fertiliser formulated with high quality organic matrices and organic nitrogen capable of ensuring a gradual and constant release of the nutrients throughout the entire crop cycle. Moreover, the phosphates present are protected against insolubilisation processes, providing a progressive availability of the phosphorus in synergy with the calcium (CaO), which contribute to the improvement of the soil structure. **FERTIFIELD NP 5-12 BIO** is particularly suitable for pre-sowing fertilisation of autumn–winter cereals, and for the planting stages of orchards, vineyards, other tree crops and spring sown arable crops.

Composition	w/w
Total nitrogen (N)	5.0%
Organic nitrogen (N)	5.0%
Phosphoric anhydride (P_2O_5)	12.0%

	w/w
Total calcium oxide (CaO)	16.0%
Organic carbon (C)	20.0%
Organic matter	40.0%

Components

ORGANIC FERTILISERS
Hydrolyzed leather and hides
Meat meal
Bone meal

MINERAL FERTILISERS
Soft natural phosphorus

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	600-700 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	650-750 pre-sowing or transplanting
Ornamental crops	600-700 pre-sowing or transplanting
Industrial crops	800-900 pre-sowing or transplanting
Fresh-cut produce crops	500-650 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

SOIL APPLICATION

PELLET

BIO

BIO

ORGAMIN-P



Fertifield NK 8-20

ORGANO-MINERAL FERTILISER
NK +C
8-20 +15

Provides organic nitrogen derived from slowly mineralising scleroproteins, integrated with synthetic nitrogen and potassium salts

Provides a balanced supply of nutrients

Improves soil fertility

Characteristics

FERTIFIELD NK 8-20 is an organo-mineral NK fertiliser obtained through a reaction between mineral matrices and organic protein components. The product is characterised by a high level of organic nitrogen derived from slowly mineralising scleroproteins, integrated with synthetic nitrogen and potassium. The specific proportion of fertilising elements makes **FERTIFIELD NK 8-20** particularly suitable for cereal fertilisation (rice, maize, wheat), as well as for other herbaceous and forage crops. It can also be used for autumn fertilisation of orchards and vineyards, including under permanent grass cover. It is recommended for soils with a good level of available phosphorus; in fact, the consistent use of **FERTIFIELD NK 8-20** over time contributes to rebalancing the availability of the main soil fertility elements. Its high nutrient content makes the product competitive compared to common NK compound fertilisers.

Composition	w/w
Total nitrogen (N)	8.0%
Ureic nitrogen (N)	5.5%
Organic nitrogen (N)	2.5%

	w/w
Water-soluble potassium oxide (K_2O)	20.0%
Organic carbon (C)	15.0%
Organic matter	30.0%

Components

ORGANIC FERTILISERS
Mixture of organic nitrogen fertilisers

MINERAL FERTILISERS
Urea
Mixed potassium salts

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	400-550 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	650-800 pre-sowing or transplanting
Ornamental crops	400-450 pre-sowing or transplanting
Industrial crops	600-800 pre-sowing or transplanting
Fresh-cut produce crops	250-350 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

SOIL APPLICATION

PELLET

ORGAMIN-P



Azopower N 38 NBPT

ORGANO-MINERAL NITROGEN FERTILISER
N +C
38 +7.5 with urease inhibitor N-(n -butyl) thiophosphoric triamide (NBPT)

Provides a high content of organic and ureic nitrogen (38%)

Enriched with the latest generation urease inhibitor NBPT

Ensures a gradual nitrogen release for up to 120 days after the application

Characteristics

AZOPOWER N 38 NBPT is an organo-mineral nitrogen fertiliser obtained through reaction between ureic nitrogen and high quality organic protein matrices. The technical innovation consist in the use of NBPT, a lates generation urease inhibitor, capable to delaying urea hydrolysis and limiting nitrogen losses due to volatilization. The high total nitrogen content (38%) confer to the formulation a high agronomic efficiency, thanks to the synergy between ureic and organic nitrogen, which allow a gradual and prolonged release over time. The use of **AZOPOWER N 38 NBPT** is particularly recommended in alternative to the traditional nitrogen fertiliser, showing excellent performance also on alkaline and non-irrigated soils, where it ensures the availability of nitrogen forms up to 120 days after application.

Composition	w/w
Total nitrogen (N)	38.0%
Ureic nitrogen (N)	36.0%
Organic nitrogen (N)	2.0%

	w/w
Organic matter	15.0%
Organic carbon (C)	7.5%

Components

ORGANIC FERTILISERS
Mixture of organic nitrogen fertilisers

MINERAL FERTILISERS
Urea

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	350-400 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	500-600 pre-sowing or transplanting
Ornamental crops	300-350 pre-sowing or transplanting
Industrial crops	500-700 pre-sowing or transplanting
Fresh-cut produce crops	250-300 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

SOIL APPLICATION

PELLET

NBPT

NBPT

ORGAMIN-P



Azopower N 30 NBPT

ORGANO-MINERAL NITROGEN FERTILISER
N +C
30 +9 with urease inhibitor N- (n -butyl) thiophosphoric triamide (NBPT)

Provides a high content of organic and ureic nitrogen (30%)

Reduces nitrogen losses due to volatilization thanks to the use of NBPT

Improves yields and crop quality

Characteristics

AZOPOWER N 30 NBPT is an organo-mineral nitrogen fertiliser obtained through a reaction between urea and selected organic protein matrices. The technological innovation is represented by the use of NBPT (N-(n-butyl) thiophosphoric triamide), a urease inhibitor capable of delaying urea hydrolysis, significantly reducing nitrogen losses due to volatilization. In **AZOPOWER N 30 NBPT**, a dual nitrogen protection is realised thanks to the synergistic presence of organic nitrogen with natural slow release and ureic nitrogen stabilized with NBPT. This combination ensures higher fertiliser use efficiency, providing prolonged nitrogen availability and allowing crops to assimilate up to 30% more nitrogen compared to conventional nitrogen fertilisers. **AZOPOWER N 30 NBPT** is particularly suitable for non-irrigated soils or no-tillage cropping systems, where it is essential to optimize nitrogen nutrition without incorporation into the soil. The product is recommended for the fertilisation of cereals (both at pre-sowing and top dressing), fruit trees, vegetable crops and ornamentals, as well as for all crops that benefit from a constant and progressive nitrogen supply for up to 120 days after application. Thanks to urea stabilisation with NBPT, **AZOPOWER N 30 NBPT** can effectively replace conventional synthetic nitrogen fertilisers, showing particular advantages on alkaline soils and soils poor in organic matter, where it contributes to improving yields and crop quality.

Composition	w/w
Total nitrogen (N)	30.0%
Ureic nitrogen (N)	28.0%
Organic nitrogen (N)	2.0%

	w/w
Organic matter	18.0%
Organic carbon (C)	9.0%

Components

ORGANIC FERTILISERS
Mixture of organic nitrogen fertilisers

MINERAL FERTILISERS
Urea

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	400-500 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	600-650 pre-sowing or transplanting
Ornamental crops	300-400 pre-sowing or transplanting
Industrial crops	600-650 pre-sowing or transplanting
Fresh-cut produce crops	250-350 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

SOIL APPLICATION · PELLET · NBPT · NBPT

ORGAMIN-P



Fertifield N 12

ORGANO-MINERAL NITROGEN FERTILISER
N +C
12 +20

Provides a balanced ratio of organic and ureic nitrogen, combined with a high content of organic carbon (20%) and organic matter (40%)

Provides a constant and gradual release of nitrogen over time

Improves yields and production quality

Characteristics

FERTIFIELD N 12 is an organo-mineral nitrogen fertiliser obtained through a reaction between urea and high quality organic protein matrices. The product is characterised by a balanced ratio between organic nitrogen and ureic nitrogen, combined with a high content of organic carbon (20%) and organic matter (40%). The specific physical coextrusion technology used in production allows perfect integration between the organic protein matrix and the nitrogen forms present in the formulation. This structure provides a constant and gradual release of nitrogen over time. This production technology, a distinctive feature of ORGANAZOTO processes, enables the development of formulations with high agronomic efficiency, such as **FERTIFIELD N 12**, which is characterised by a lower nitrogen content (reducing costs) without compromising nutritional effectiveness. **FERTIFIELD N 12** is particularly suitable for cereal fertilisation, both at sowing and during top dressing stages, and it is also highly effective in pre-sowing, sowing and transplanting phases of vegetable crops. In fruit growing, its use is recommended in all contexts where a moderate, non readily available nitrogen supply is required, such as in viticulture, olive growing and pome fruit cultivation. Thanks to its formulation, the product is also suitable for non irrigated soils or no tillage systems, where it helps to improve nutrient availability even without soil incorporation.

Composition	w/w
Total nitrogen (N)	12.0%
Ureic nitrogen (N)	8.0%
Organic nitrogen (N)	4.0%

	w/w
Organic matter	40.0%
Organic carbon (C)	20.0%

Components

ORGANIC FERTILISERS
Mixture of organic nitrogen fertilisers

MINERAL FERTILISERS
Urea

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	500-600 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	700-800 pre-sowing or transplanting
Ornamental crops	400-600 pre-sowing or transplanting
Industrial crops	700-800 pre-sowing or transplanting
Fresh-cut produce crops	350-450 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Micropellet	25 -500 kg	3-4 mm	< 10%

SOIL APPLICATION · PELLET

ORGAMIN-P

Solid fertilisers in **flakes**

From the ongoing research carried out by the **ORGANAZOTO** HUB and its collaborations with international universities and research centres comes **GELACTIVE**, the new range of flake fertilisers designed to redefine the standards of solid fertiliser nutrition. Developed as an advanced alternative to traditional pellet fertilisers, **GELACTIVE** improves distribution in the field and accelerates nutrient uptake, delivering superior performance in both organic and conventional farming.

A key feature of the line is the patented technology **GEL ACTIVE FOAM®**.

Through advanced control of pressure and temperature during the production process, particularly during the thermobaric hydrolysis stage, this innovation enables the protein molecule to release ordered fractions of the amino acid chains. The result is a more regular, faster and more efficient release of organic protein nitrogen, further optimised by the special physical form of flakes measuring approximately **2 mm**. All formulations incorporating this technology form part of the **GELACTIVE** range and are distinguished by concrete agronomic benefits:

- **lower dosages and smaller size** compared to conventional pellets, thanks to greater nutritional efficiency;
- **uniform distribution and easy localisation**, thanks to uniform, highly free-flowing granules;
- **enhanced water-regulating action**, useful for supporting the plant under water stress conditions;
- **reduced losses due to leaching and volatilisation**, resulting in a more sustainable use of nutrients.

The product line consists of two variants, characterised by high-quality organic and mineral ingredients, high standards of quality and technology, and a **humidity below 10%**, a key factor in ensuring stability, shelf life and maximum ease of use.

80

Organic fertilisers

90

Organo-mineral fertilisers



Organic fertilisers in flakes

Gelactive N 13
Gelactive N 12
Gelactive N 11
Gelactive N 10
Gelactive N 10 Mix
Gelactive NP 10-8
Gelactive NP 8-10
Gelactive NP 8-6
Gelactive NP 3-3 Fe-Mg

The **Organic Fertilisers in Flakes** line includes **N** and **NP** formulations approved for use in both organic and conventional farming, designed to provide even more efficient and dynamic organic nutrition. A distinctive feature of the line is its high content of **protein-based organic nitrogen**, characterised by a gradual yet faster release compared to conventional pellets. This characteristic ensures that nutrients are readily available, supporting crop development from the earliest stages and guaranteeing continuous nutrition over time. The formulations are also distinguished by their significant organic matter content, the balanced presence of macro- and micro-nutrients, and a humidity below 10%. The special **flakes** facilitates simpler, more uniform and widespread distribution, improving overall agronomic efficiency thanks to patented technology

GEL ACTIVE FOAM®.



Gelactive N 13 Flakes

ORGANIC NITROGEN FERTILISER
mixture of nitrogenous organic fertiliser N+C
13+44

Provides organic nitrogen (N) obtained from dried blood and hydrolysed hide

Supplies amino acids and humic acids as well as Fe chelated to the organic matter

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Characteristics

GELACTIVE N 13 FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®.** This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE N 13 FLAKES** is a fertiliser obtained from two organic matrices characterised by the presence of a high protein content: dry blood and hydrolysed leather. Dry blood, rich in amino acids, humic acids and iron (Fe) chelated to the organic matter, provides organic nitrogen (N) easily available, which is mineralised in the first few weeks after application. At the same time, the hydrolysed leather gradually releases the remaining organic nitrogen through a gradual and constant mineralisation process over time (2-3 months), ensuring continuous and prolonged nutrition, also reducing nitrogen losses due to leaching and gasification. This exclusive formulation makes **GELACTIVE N 13 FLAKES** suitable for all herbaceous crops, horticultural crops (including protected crops) and trees, representing an innovative solution for nitrogen fertilisation in organic farming and allowing all the nutritional needs of plants in the various phenological stages. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w
Organic nitrogen (N)	13.0%
Organic matter	88.0%
Organic carbon (C)	44.0%

Components

ORGANIC FERTILISERS
Dried blood
Hydrolyzed leather and hides

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Category 3 material produced by a plant approved under EC Regulation 1069/2009 and Regulation 14/2010 with ABP No. 201 UFERT 3 Category 3 blood product Art. 10(a)(b), obtained by processing method 7.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	350-450 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	400-500 pre-sowing or transplanting
Ornamental crops	250-400 pre-sowing or transplanting
Industrial crops	450-550 pre-sowing or transplanting
Fresh-cut produce crops	300-400 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION
FLAKES
BIO
BIO

GEL ACTIVE FOAM®



Gelactive N 12 Flakes

ORGANIC NITROGEN FERTILISER
hydrolysed leather and hides N+C
12+40

Provides a high content of organic nitrogen with natural slow release

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Prevents microelement deficiency

Characteristics

GELACTIVE N 12 FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE N 12 FLAKES** is an organic fertiliser with a high organic N content (N 12) based on scleroproteins with natural slow release, obtained by hydrolysis of raw materials at high pressure. It also contains iron (Fe) and magnesium (Mg) chelated to the organic matter, which promotes microbial biomass activity and contributes to improving the balance of humified organic matter. The mineralisation of organic nitrogen, which is influenced by soil factors such as texture, soil structure, water availability, ventilation and temperature, takes place over a period of between 1-3 months. In rice fields, nitrogen release times are prolonged due to periods of soil submersion. **GELACTIVE N 12 FLAKES** is highly effective for autumn and spring basal fertilisation in cereals. It is also suitable for top dressing in orchards and vineyards, with or without grass cover, to prevent and mitigate iron chlorosis and magnesium deficiency. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w
Organic nitrogen (N)	12.0%
Organic matter	80.0%
Organic carbon (C)	40.0%

Components

ORGANIC FERTILISERS
Hydrolyzed leather and hides

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	400-450 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	450-550 pre-sowing or transplanting
Ornamental crops	300-450 pre-sowing or transplanting
Industrial crops	450-550 pre-sowing or transplanting
Fresh-cut produce crops	300-400 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION · FLAKES · BIO · BIO

GEL ACTIVE FOAM®



Gelactive N 11 Flakes

ORGANIC NITROGEN FERTILISER
hydrolysed leather and hides N+C
11+40

Provides a high content of slow-release organic nitrogen

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Prevents iron chlorosis and magnesium deficiencies

Characteristics

GELACTIVE N 11 FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE N 11 FLAKES** is an organic nitrogen fertilizer formulated from hydrolyzed leather and hides, providing a high level of organic nitrogen (N 11%) with a slow and extended release. This component is obtained through high-pressure hydrolysis of collagenous scleroproteins. Nitrogen mineralization depends on soil characteristics (texture, structure, moisture, aeration, and temperature) and is generally completed within 2–3 months; under prolonged flooding conditions, such as in rice fields, degradation times are longer. **GELACTIVE N 11 FLAKES** also contains iron (Fe) and magnesium (Mg) chelated to the organic matter, which promote the increase of microbial biomass, improve the humic substance balance, and help prevent and correct iron chlorosis and magnesium deficiencies. **GELACTIVE N 11 FLAKES** is ideal for basal and top-dressing applications, recommended for autumn and spring treatments on a wide range of crops. The product shows high effectiveness in rice fields, orchards, and vineyards, whether grassed or not, and is also excellent for nursery production. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w
Organic nitrogen (N)	11.0%
Organic matter	80.0%
Organic carbon (C)	40.0%

Components

ORGANIC FERTILISERS
Hydrolyzed leather and hides

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	450-550 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	500-650 pre-sowing or transplanting
Ornamental crops	300-400 pre-sowing or transplanting
Industrial crops	450-550 pre-sowing or transplanting
Fresh-cut produce crops	300-400 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION · FLAKES · BIO · BIO

GEL ACTIVE FOAM®



Gelactive N 10 Flakes

ORGANIC NITROGEN FERTILISER
mixture of nitrogenous organic fertiliser N+C
10+37

Provides organic nitrogen (N) with gradual release

Ensures a complete and continuous supply of nutrients over time

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Characteristics

GELACTIVE N 10 FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE N 10 FLAKES is** an organic nitrogen fertiliser with a high organic nitrogen (N 10%) content and natural slow-release properties, obtained from meat meal and hydrolysed leather and hides. The balanced composition and gradual mineralisation of the nitrogen guarantee a continuous supply of nutrients over time. furthermore, the natural presence of macro and microelements, such as calcium (Ca), sulphur (S), phosphorus (P) and iron (Fe) chelated to the organic matter, confers a strong fertilising effect and an effect improving soil fertility. **GELACTIVE N 10 FLAKES** can be used without restrictions and is suitable for all major crops, including autumn-winter and spring cereals, herbaceous crops, horticultural crops, floriculture and nurseries, as well as orchards and vineyards, both grassed and ungrassed. It can be used for both basal and top dressing. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w
Organic nitrogen (N)	10.0%
Organic matter	74.0%
Organic carbon (C)	37.0%

Components

ORGANIC FERTILISERS
Hydrolyzed leather and hides
Meat meal

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	500-550 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	550-650 pre-sowing or transplanting
Ornamental crops	300-400 pre-sowing or transplanting
Industrial crops	450-550 pre-sowing or transplanting
Fresh-cut produce crops	300-400 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION · FLAKES · BIO · BIO

GEL ACTIVE FOAM®



Gelactive N 10 Mix Flakes

ORGANIC NITROGEN FERTILISER
mixture of nitrogenous organic fertiliser N+C
10+40

Provides a high content of organic nitrogen (N) with gradual release

Supplies a significant amount of biologically active organic carbon (C) from dried blood, hydrolysed hide and protein meal

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Characteristics

GELACTIVE N 10 MIX FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE N 10 MIX FLAKES** is an organic formulation obtained through the combination of various protein matrices of animal origin. These selected raw materials provide a high content of organic nitrogen (N) with gradual release (approximately 3.5% from dried blood and 6.5% from hydrolysed hides and animal meal) and a significant supply of biologically active organic carbon (C). The exclusive formulation of **GELACTIVE N 10 MIX FLAKES** guarantees a gradual release of organic nitrogen, while ensuring that a portion is readily available in the first few weeks after application. The residual fraction of nitrogen, which is not subject to leaching thanks to the different nature of the organic matrices used, is progressively mineralised and made assimilable by crops over a period of 2-3 months, thus ensuring constant and prolonged nutrition over time. **GELACTIVE N 10 MIX FLAKES** is suitable for use in all phases of the growing cycle, both in autumn and spring, ensuring excellent adaptability to herbaceous and tree crops. These unique and distinctive characteristics in the category of organic nitrogen fertilisers make **GELACTIVE N 10 MIX FLAKES** a product with high performance, capable of combining prolonged nutritional efficiency and total conformity with organic farming regulations. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w
Organic nitrogen (N)	10.0%
Organic matter	80.0%
Organic carbon (C)	40.0%

Components

ORGANIC FERTILISERS
Hydrolyzed leather and hides
Meat meal
Dried blood

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	400-450 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	450-550 pre-sowing or transplanting
Ornamental crops	250-350 pre-sowing or transplanting
Industrial crops	400-450 pre-sowing or transplanting
Fresh-cut produce crops	250-350 pre-sowing or transplanting

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION · FLAKES · BIO · BIO

GEL ACTIVE FOAM®



Gelactive NP 10-8 Flakes

ORGANIC NP FERTILISER
mixture of organic NP fertilisers +C
10-8+40

Provides nitrogen and organic phosphorus from meat meal, bone meal and natural bovine horns and nails

Ensures high quality standards

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Characteristics

GELACTIVE NP 10-8 FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE NP 10-8 FLAKES** is an organic fertiliser obtained from meat meal, bone meal and bovine horns and nails, sources of organic nitrogen (N 10%) and phosphorus (8%) from animal origin. The natural organic matrices are subjected to controlled heat treatment in order to guarantee high quality standards. The optimal ratio between N and P (10:8) makes **GELACTIVE NP 10-8 FLAKES** particularly suitable for pre-sowing fertilisation of cereals and herbaceous crops. It is widely used in leguminous and forage crops, but is also particularly suitable for fruit growing and floriculture. Natural and organic protein sources ensure a gradual release of nutrients, reducing losses due to leaching and gasification to a minimum. These characteristics make **GELACTIVE NP 10-8 FLAKES** a highly efficient base fertiliser suitable for various types of crops. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w
Organic nitrogen (N)	10.0%
Phosphoric anhydride (P_2O_5)	8.0%
Organic matter	80.0%
Organic carbon (C)	40.0%

Components
ORGANIC FERTILISERS
Meat meal
Bone meal
Bovine horns and nails

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	400-550 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	450-500 pre-sowing or transplanting
Ornamental crops	350-450 pre-sowing or transplanting
Industrial crops	400-550 pre-sowing or transplanting
Fresh-cut produce crops	300-400 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION · FLAKES · BIO · BIO

GEL ACTIVE FOAM®



Gelactive NP 8-10 Flakes

ORGANIC NP FERTILISER
mixture of organic NP fertilisers+C
8-10+25

Provides nitrogen, phosphorus and organic carbon from natural raw materials

Improves root development

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Characteristics

GELACTIVE NP 8-10 FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE NP 8-10 FLAKES** is an organic fertiliser obtained from the processing of meat and bone meal, hydrolysed leather and hides, and selected raw materials from natural origin. The product is authorised to be used in organic farming in line with current regulations and guarantees a gradual release of organic nitrogen (N) and phosphorus (P), which improve soil fertility. Thanks to its balanced NP ratio (8:10) and high organic carbon content (25%) **GELACTIVE NP 8-10 FLAKES** is particularly suitable for basal fertilisation, both in autumn and spring. It is widely used in cereal crops (wheat, barley, rice, maize) and in herbaceous, leguminous and forage crops, where it ensures a constant supply of nutrients and better root development. It is also suitable for fruit growing, greenhouse and open field horticulture and the floriculture sector. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w
Organic nitrogen (N)	8.0%
Phosphoric anhydride (P_2O_5)	10.0%
Organic carbon (C)	25.0%
Organic matter	50.0%

Components
ORGANIC FERTILISERS
Hydrolyzed leather and hides
Meat meal
Bone meal

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	400-550 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	450-500 pre-sowing or transplanting
Ornamental crops	350-450 pre-sowing or transplanting
Industrial crops	400-550 pre-sowing or transplanting
Fresh-cut produce crops	300-400 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION · FLAKES · BIO · BIO

GEL ACTIVE FOAM®



Gelactive NP 8-6 Flakes

ORGANIC NP FERTILISER
mixture of organic NP fertilisers +C
8-6+35 with boron

Ensures a constant supply of organic nitrogen (N 8)

Promotes root development and flowering thanks to its formulation containing boron

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Characteristics

GELACTIVE NP 8-6 FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE NP 8-6 FLAKES** is an organic fertiliser obtained from the processing of hydrolysed leather and hides, meat meal and bone meal. The formulation also contains boron which, in synergy with nitrogen (N 8) and phosphorus (P) of organic origin and protein, promotes a constant and gradual release of nutrients, promoting root development and flowering. This characteristic is particularly suitable for the balanced nutrition of olive trees. **GELACTIVE NP 8-6 FLAKES** is also an ideal fertiliser for orchards and vineyards, thanks to its versatility of use on different soil types and under different agronomic conditions. **GELACTIVE NP 8-6 FLAKES** is recommended for basal fertilisation, to be carried out in both autumn and spring, and for top dressing in orchards and vineyards, with or without grass cover. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w
Organic nitrogen (N)	8.0%
Phosphoric anhydride (P_2O_5)	6.0%
Water-soluble boron (B)	0.04%
Organic carbon (C)	35.0%
Organic matter	70.0%

Components
ORGANIC FERTILISERS
Hydrolyzed leather and hides
Meat meal
Bone meal
Sodium borate

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	550-650 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	450-550 pre-sowing or transplanting
Ornamental crops	350-450 pre-sowing or transplanting
Industrial crops	400-550 pre-sowing or transplanting
Fresh-cut produce crops	350-450 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION · FLAKES · BIO · BIO

GEL ACTIVE FOAM®



Gelactive NP 3-3 Fe-Mg Flakes

ORGANIC NP FERTILISER
mixture of organic NP fertilisers+C
3-3+20

Provides essential nutrients, iron and magnesium

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Increases colour intensity and uniformity, organoleptic profile and post-harvest shelf life

Characteristics

GELACTIVE NP 3-3 FE-MG FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE NP 3-3 Fe-Mg FLAKES** is an organic fertiliser for specific use, formulated to provide essential nutrients such as iron and soluble magnesium, as well as organic nitrogen, phosphorus and sulphur, which are fundamental for balanced crop nutrition, in a single product. The iron, derived from ferrous sulphate, and sulphuric anhydride (SO_3) are highly assimilable by crops and, when used in basal fertilisation, contribute to improving production quality and partially acidifying the area where the fertiliser is applied. This effect promotes an increase in the Soil Cation Exchange Capacity (SCEC), optimising the availability and effectiveness of the nutrients administered. The significant presence of magnesium sulphate (from KIESERITE), which is completely soluble, has a synergistic effect with iron and sulphur, contributing to the overall improvement of the quality of horticultural and fruit production in terms of colour, taste and shelf life. The most interesting agronomic applications are in viticulture (both wine and table grapes), contributes to improving grape quality, promoting more intense and uniform colouring, enriching the aromatic profile and ensuring more balanced ripening of the bunches. The product is also particularly suitable for fruit crops, including new plantings, where it supports proper vegetative growth and improved soil nutritional efficiency. The product is particularly effective in horticultural crops, both in open fields and in protected cultivation, where **GELACTIVE NP 3-3 Fe-Mg FLAKES** shows high agronomic efficacy in promoting the starter effect, stimulating rooting and improving the colouring of young plant tissues. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w
Organic nitrogen (N)	3.0%
Total phosphoric anhydride (P_2O_5)	3.0%
Total iron (Fe)	4.0%
Water-soluble magnesium oxide (MgO)	4.0%
Organic carbon (C)	20.0%
Organic matter	40.0%
Water-soluble sulphur trioxide (SO_3)	13.0%

Components
ORGANIC FERTILISERS
Kieserite (magnesium sulphate) only of natural origin
Iron salt (sulphate)
Meat meal
Bone meal

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	650-700 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	550-650 pre-sowing or transplanting
Ornamental crops	350-450 pre-sowing or transplanting
Industrial crops	450-550 pre-sowing or transplanting
Fresh-cut produce crops	400-500 pre-sowing or transplanting

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION · FLAKES · BIO · BIO

GEL ACTIVE FOAM®

Organano-mineral fertilisers in flakes

Gelactive NPK 18-7-5
Gelactive NPK 16-5-5 NBPT
Gelactive NPK 13-6-6
Gelactive NPK 12-5-5
Gelactive NPK 10-10-15 NBPT
Gelactive NPK 10-5-15
Gelactive NPK 8-16-12
Gelactive NPK 8-5-6 C
Gelactive NPK 8-5-6 S
Gelactive NPK 6-7-13
Gelactive NPK 5-10-15
Gelactive NPK 4-8-16
Gelactive NPK 4-5-6

Gelactive NP 20-10 NBPT
Gelactive NP 11-25
Gelactive NP 10-20
Gelactive NP 8-15
Gelactive NP 7-14
Gelactive NP 5-12
Gelactive N 30 NBPT

The Organo-mineral fertilisers in flakes line includes **N**, **NP**, **NK** and **NPK** formulations, designed to provide complete, efficient and high-performance nutrition. The line also includes solutions suitable for organic farming, underlining Organazoto's commitment to sustainable and forward-looking production models.

All products feature the technology **GEL ACTIVE FOAM®**

patented to optimise the structure of the protein matrix, ensuring a faster release of nutrients and greater availability to the plant. Furthermore, the formulations in this line are enriched with potassium from sulphate or chloride and with **slow-release natural organic nitrogen**, a combination designed to precisely meet the different nutritional requirements of crops. As with the organo-mineral pellet fertilisers, this line also stands out for its use of the exclusive **Made in Organazoto** technology

ORGAMIN-P®

a key element of the company's production expertise. Based on an advanced **co-extrusion process of organic and mineral matrices**, Orgamin-P® technology enables optimal interaction between nutrients, ensuring a controlled and gradual release. The stable bond between the fractions protects the elements from dispersion, reduces losses through leaching and improves their assimilability over time. Combined with the special flake form, this innovation allows for a more uniform distribution and brings nutrients closer to the root system, thereby increasing overall agronomic efficiency.



Gelactive NPK 18-7-5 Flakes

ORGANO-MINERAL FERTILISER
NPK (CaO)+C
18-7-5 (10)+10

Provides NPK from high-quality mineral and organic-protein matrices

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Promotes regular vegetative growth

Characteristics

GELACTIVE NPK 18-7-5 FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE NPK 18-7-5 FLAKES** is an organo-mineral NPK fertiliser obtained through a reaction between mineral matrices and organic-protein components. The formulation process is designed to maximise the protection of mineral elements, particularly phosphorus (P) and potassium (K), reducing losses caused by insolubilisation. The formulation includes: organic nitrogen with slow mineralisation, a significant amount of ureic nitrogen, a balanced ratio of P and K, and a highly selected fraction of organic matter. The presence of organic nitrogen of protein origin ensures a gradual and constant release of the element, promoting regular vegetative development and limiting losses due to leaching. The high quality of the organic matrices used gives the product excellent agronomic efficiency, resulting in a reduction in fertiliser units compared to traditional mineral fertilisers, with a consequent optimisation of costs and a lower environmental impact. The fertiliser is suitable for autumn and late winter fertilisation of tree crops. It is also suitable for fertilising horticultural crop. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w
Total nitrogen (N)	18.0%
Ureic nitrogen (N)	16.0%
Organic nitrogen (N)	2.0%
Total calcium oxide (CaO)	10.0%
Water-soluble potassium oxide (K_2O)	5.0%

	w/w
Total phosphoric anhydride (P_2O_5)	7.0%
Phosphoric anhydride (P_2O_5) soluble in mineral acids - Min. 55% in formic acid 2%	7.0%
Organic matter	20.0%
Organic carbon (C)	10.0%

Components

ORGANIC FERTILISERS
Mixture of organic nitrogen fertilisers
Mixture of organic NP fertilisers

MINERAL FERTILISERS
Urea
Soft natural phosphorus
Mixed potassium salts

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	500-550 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	550-650 pre-sowing or transplanting
Ornamental crops	300-400 pre-sowing or transplanting
Industrial crops	550-750 pre-sowing or transplanting
Fresh-cut produce crops	250-300 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION

FLAKES

GEL ACTIVE FOAM® ORGAMIN-P®



Gelactive NPK 16-5-5 Flakes NBPT

ORGANO-MINERAL FERTILISER
NPK (CaO-SO_3)+C
16-5-5 (8-5)+11 with urease inhibitor N- (n -butyl) thiophosphoric triamide (NBPT)

Provides organic nitrogen with gradual release and ureic nitrogen inhibited with NBPT

Also provides P and K bound to the organic protein matrix

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Characteristics

GELACTIVE NPK 16-5-5 NBPT FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE NPK 16-5-5 NBPT FLAKES** is an organo-mineral NPK fertiliser obtained through a reaction between mineral components and organic-protein matrices, using co-extrusion technology that optimises the interaction and stabilisation of nutrients. The product is characterised by organic nitrogen with slow natural mineralisation and ureic nitrogen treated with NBPT (urease inhibitor), which delays hydrolysis, reducing losses and increasing efficiency of use. In addition, the synergy between organic nitrogen with gradual release and nitrogen inhibited with NBPT ensures a progressive, prolonged and constant supply of nutrients to crops throughout the entire vegetative-productive cycle. The formulation also provides P and K from sulphate, both of which are fully assimilable by crops and bound to the organic-protein matrix, which limits insolubilisation processes. **GELACTIVE NPK 16-5-5 NBPT FLAKES** is suitable for all types of soil, resulting particularly effective in soils with high pH and low organic matter content. The product is recommended for autumn and spring basal fertilisation and maintenance of orchards, vineyards, horticultural crops and all crops that are affected by the presence of chlorides. It can also be used in grassed areas or in conditions where incorporation is not possible. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w
Total nitrogen (N)	16.0%
Ureic nitrogen (N)	14.0%
Organic nitrogen (N)	2.0%
Total calcium oxide (CaO)	8.0%
Water-soluble sulphuric anhydride (SO_3)	5.0%

	w/w
Total phosphoric anhydride (P_2O_5)	5.0%
Phosphoric anhydride (P_2O_5) soluble in mineral acid	5.0%
Organic matter	22.0%
Organic carbon (C)	11.0%
Water-soluble potassium oxide (K_2O) with low chlorine content	5.0%

Components

ORGANIC FERTILISERS
Mixture of organic nitrogen fertilisers
Mixture of organic NP fertilisers

MINERAL FERTILISERS
Urea
Soft natural phosphorus
Potassium sulphate

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	450-500 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	550-600 pre-sowing or transplanting
Ornamental crops	250-400 pre-sowing or transplanting
Industrial crops	500-650 pre-sowing or transplanting
Fresh-cut produce crops	200-250 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION · FLAKES · NBPT · NBPT

GEL ACTIVE FOAM® · ORGAMIN-P®



Gelactive NPK 13-6-6 Flakes

ORGANO-MINERAL FERTILISER
NPK (SO_3)+C
13-6-6 (5)+15

Provides a combination of different nitrogen forms (organic, ureic and ammoniacal), phosphorus and potassium

Supports vegetative growth throughout the entire crop cycle

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Characteristics

GELACTIVE NPK 13-6-6 FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE NPK 13-6-6 FLAKES** is an organo-mineral NPK fertiliser obtained through a reaction between mineral matrices and organic protein components. The formulation, with a low chlorine content, is characterised by a high content of organic nitrogen derived from scleroprotein, with natural slow release. The combination of different nitrogen forms - organic (2.5%) with slow mineralisation, ammoniacal (2%) and ureic (8.5%) - provides a differentiated, complete and prolonged nitrogen supply, suitable for supporting the vegetative growth throughout the entire crop cycle. The phosphates, reacting with the organic protein fraction (over 30%), are protected against insolubilisation processes, resulting in greater availability over time. The potassium from sulphate, fully assimilable, represent a quality index of the product, while the high content of sulphates contributes to the improvement the qualitative characteristics of the productions. **GELACTIVE NPK 13-6-6 FLAKES** is indicated for basal fertilisation of citrus, orchards, olive groves and vegetable crops. Spring application is recommended to improve nutrient availability during the early stages of the vegetative cycle. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w
Total nitrogen (N)	13.0%
Ureic nitrogen (N)	8.5%
Organic nitrogen (N)	2.5%
Ammoniacal nitrogen (N)	2.0%
Water-soluble potassium oxide (K_2O) with low chlorine content	6.0%

	w/w
Total phosphoric anhydride (P_2O_5)	6.0%
Phosphoric anhydride(P_2O_5) soluble in neutral ammonium citrate and water	5.0%
Water soluble phosphoric anhydride (P_2O_5)	4.5%
Water-soluble sulphur trioxide (SO_3)	5.0%
Organic matter	30.0%
Organic carbon (C)	15.0%

Components

ORGANIC FERTILISERS
Mixture of organic nitrogen fertilisers
Mixture of organic NP fertilisers

MINERAL FERTILISERS
Urea
EC NP fertiliser
Potassium sulphate

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	500-550 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	550-650 pre-sowing or transplanting
Ornamental crops	300-400 pre-sowing or transplanting
Industrial crops	550-750 pre-sowing or transplanting
Fresh-cut produce crops	250-300 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION · FLAKES

GEL ACTIVE FOAM® · ORGAMIN-P®



Gelactive NPK 12-5-5 Flakes

ORGANO-MINERAL FERTILISER
NPK (CaO)+C
12-5-5 (8)+14

Provides a high proportion of organic nitrogen, combined with a ureic fraction stabilised by the organic matter

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Promotes root system development

Characteristics

GELACTIVE NPK 12-5-5 FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE NPK 12-5-5 FLAKES** is an organo-mineral NPK fertiliser obtained through a reaction between mineral components and organic matrices, designed to enhance phosphates and micronutrients protection against insolubilisation processes. **GELACTIVE NPK 12-5-5 FLAKES** is a complete fertiliser enriched with sulphates and calcium. The product provides a high level of organic nitrogen and an ureic fraction stabilised with the organic matter, which slows down its hydrolysis. The organic nitrogen mineralises gradually, ensuring a constant organic matter supply over 20-35 days after the application and incorporation. The combined action of organic matter and protein matrices, increases the soil microbial biomass, improves the micronutrients assimilation, particularly iron, and promotes a greater phosphates availability. In addition, the stimulation of the soil enzymatic activity enhances the development of the roots system. Thanks to the presence of organic nitrogen, the formulation contribute to limit nitrates losses through leaching, supporting, at the same time, a balanced vegetative growth. This results in improved plant physiology, greater resistance to major phytopathologies, and increased tolerance to environmental stresses, especially water and temperature stress. **GELACTIVE NPK 12-5-5 FLAKES** is suitable for a wide range of crops and is particularly recommended for autumn and spring basal fertilisation, as well as for top dressing applications in orchards, with or without grass cover. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w
Total nitrogen (N)	12.0%
Ureic nitrogen (N)	10.0%
Organic nitrogen (N)	2.0%
Total calcium oxide (CaO)	8.0%
Water-soluble potassium oxide (K_2O)	5.0%

	w/w
Total phosphoric anhydride (P_2O_5)	5.0%
Phosphoric anhydride (P_2O_5) soluble in mineral acids - Min. 55% in formic acid 2%	5.0%
Organic matter	28.0%
Organic carbon (C)	14.0%

Components

ORGANIC FERTILISERS
Mixture of organic NP fertilisers
Mixture of organic nitrogen fertilisers

MINERAL FERTILISERS
Urea
Soft natural phosphorus
Mixed potassium salts

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	500-550 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	550-650 pre-sowing or transplanting
Ornamental crops	300-400 pre-sowing or transplanting
Industrial crops	550-750 pre-sowing or transplanting
Fresh-cut produce crops	250-300 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION

FLAKES

GEL ACTIVE FOAM®

ORGAMIN-P®



Gelactive NPK 10-10-15 NBPT Flakes

ORGANO-MINERAL FERTILISER
NPK (SO_3)+C
10-10-15 (13)+10 with urease inhibitor N- (n-butyl) thiophosphoric triamide (NBPT)

Provides organic nitrogen with slow mineralisation, ureic nitrogen stabilized with NBPT and ammoniacal nitrogen

Also provides phosphorous and potassium complexated with the organic matter

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Characteristics

GELACTIVE NPK 10-10-15 NBPT FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE NPK 10-10-15 NBPT FLAKES** is an organo-mineral NPK fertiliser obtained through a reaction between mineral components and organic protein matrices, using a coextrusion technology, which optimise the integration and the stability of different fractions of the formulation. The use of the inhibitor NBPT is an innovation element, capable to delay the hydrolysis of the ureic nitrogen, reducing nitrogen losses. The product is a complete fertiliser, as it combines organic nitrogen with slow mineralisation, ureic nitrogen stabilised with NBPT and ammoniacal nitrogen. This combination ensures a progressive, differentiated and constant nutritional supply throughout the entire cropping cycle. In addition, **GELACTIVE NPK 10-10-15 NBPT FLAKES** contain high level of potassium and phosphorous from sulphate, both fully available by plants and complexed with the organic matter, which, reduces insolubilisation processes. The product is suitable for all soil, resulting particularly effective in soil with high pH value and low organic matter content. It is recommended for autumn and spring basal fertilisation, as well as maintenance fertilisation of orchards, vineyards and vegetable crops. The formulation is also suitable for use in grassed systems or in conditions where soil incorporation is not possible. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w
Total nitrogen (N)	10.0%
Ureic nitrogen (N)	5.0%
Organic nitrogen (N)	1.6%
Ammoniacal nitrogen (N)	3.4%
Water-soluble sulphur trioxide (SO_3)	13.0%
Water-soluble potassium oxide (K_2O) with low chlorine content	15.0%

	w/w
Total phosphoric anhydride (P_2O_5)	10.0%
Phosphoric anhydride (P_2O_5) soluble in neutral ammonium citrate and water	6.0%
Water soluble phosphoric anhydride (P_2O_5)	5.0%
Phosphoric anhydride (P_2O_5) soluble in mineral acid	5.0%
Organic matter	20.0%
Organic carbon (C)	10.0%

Components

ORGANIC FERTILISERS
Mixture of organic NP fertilisers
Mixture of organic nitrogen fertilisers

MINERAL FERTILISERS
Urea
EC NP Fertiliser
Potassium sulphate

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	450-600 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	500-600 pre-sowing or transplanting
Ornamental crops	250-300 pre-sowing or transplanting
Industrial crops	500-700 pre-sowing or transplanting
Fresh-cut produce crops	200-250 pre-sowing

** Suggested application rates are indicative and may vary depending on local conditions and crop needs.*

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION

FLAKES

NBPT

NBPT

GEL ACTIVE FOAM®

ORGAMIN-P®



Gelactive NPK 10-5-15 Flakes

ORGANO-MINERAL FERTILISER
NPK (CaO)+C
10-5-15 (8) +11

Provides a high content of organic and ureic nitrogen, phosphorus, potassium and calcium

Increases microbial biomass in the soil, improves the absorption of microelements and enhances the availability of phosphates

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Characteristics

GELACTIVE NPK 10-5-15 FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE NPK 10-5-15** is an organo-mineral NPK fertiliser obtained through a reaction between mineral components and organo protein matrices, a process that increases the assimilability and availability of mineral fractions in the soil. The formulation provides a high organic nitrogen content, combined with urea; part of the urea is protected by the organic matter, which slows down its hydrolysis and transforms it into a form that is released more gradually. Organic nitrogen gradually mineralises during the growing season, ensuring a constant supply for 20-35 days after distribution and, if necessary, it can be incorporated into the soil. The activity of organic matter promotes an increase in microbial biomass in the soil, improving the absorption of microelements, especially iron, and increasing the availability of phosphates. The presence of potassium contributes to fruit development and improves shelf life, while the enhancement of soil enzyme activity stimulates more efficient root growth. The organic content of the formulation also reduces nitrate losses due to leaching and supports balanced vegetative growth, increasing resistance to major plant diseases and tolerance to environmental stress, both water and thermal. The overall characteristics of the fertiliser make it particularly suitable for all high quality crops, both horticultural and fruit, and for all crops that benefit from a prolonged and modulated availability of nutrients. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w
Total nitrogen (N)	10.0%
Ureic nitrogen (N)	8.0%
Organic nitrogen (N)	2.0%
Water-soluble potassium oxide (K_2O)	15.0%
Total calcium oxide (CaO)	8.0%

	w/w
Total phosphoric anhydride (P_2O_5)	5.0%
Phosphoric anhydride (P_2O_5) soluble in mineral acids - Min. 55% in formic acid 2%	5.0%
Organic matter	22.0%
Organic carbon (C)	11.0%

Components

ORGANIC FERTILISERS
Mixture of organic NP fertilisers
Mixture of organic nitrogen fertilisers

MINERAL FERTILISERS
Urea
Mixed potassium salts
Soft natural phosphorus

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	500-550 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	550-700 pre-sowing or transplanting
Ornamental crops	300-450 pre-sowing or transplanting
Industrial crops	550-700 pre-sowing or transplanting
Fresh-cut produce crops	300-400 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION

FLAKES

GEL ACTIVE FOAM® ORGAMIN-P®



Gelactive NPK 8-16-12 Flakes

ORGANO-MINERAL FERTILISER
NPK (SO_3-CaO)+C
8-16-12 (10-9)+9

Provides nitrogen, potassium, phosphorus from sulphate and a significant amount of organic matter

Enhances the soil structure and increases the micronutrient uptake

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Characteristics

GELACTIVE NPK 8-16-12 FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE NPK 8-16-12 FLAKES** is a LCC organo-mineral NPK fertiliser, obtained through a reaction between mineral components and unified and organic protein matrices, created to ensure the maximum protection of phosphates against the insolubilisation processes and to promote the chelation of micronutrients. This is a complete fertiliser, characterised by high level of organic nitrogen with natural slow release, phosphorus, potassium from sulphate and a significant amount of organic matter (>14%), that includes humic and fulvic acids from natural and plant origins. The formulation combines different nitrogen forms, providing a differentiated, continuous and complete nutritional supply to the crops, throughout the entire vegetative cycle. The phosphorus is highly available and protected by the organic fraction, which reduce the insolubilisation processes, while the high content of potassium from sulphate ensures a low chloride supply. Thanks to the high agronomic efficiency **GELACTIVE NPK 8-16-12 FLAKES** is capable to decrease the fertiliser units, with a reduction of the costs and a lower environmental impact. The product is particularly suitable for the basal and maintenance fertilisation, in soil poor in phosphorous and potassium, in orchards, vineyards and citrus groves, with or without grass cover. It is also widely used in crops such as potato, tomato, sugar beet, melon and tobacco. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w
Total nitrogen (N)	8.0%
Ureic nitrogen (N)	3.0%
Organic nitrogen (N)	1.5%
Ammoniacal nitrogen (N)	3.5%
Water-soluble sulphur trioxide (SO_3)	10.0%
Water-soluble potassium oxide (K_2O) with low chlorine content	12.0%
Total calcium oxide (CaO)	9.0%

	w/w
Total phosphoric anhydride (P_2O_5)	16.0%
Phosphoric anhydride (P_2O_5) soluble in neutral ammonium citrate and water	9.0%
Water soluble phosphoric anhydride (P_2O_5)	8.0%
Phosphoric anhydride (P_2O_5) soluble in mineral acids - Min. 55% in formic acid 2%	14.0%
Organic matter	18.0%
Organic carbon (C)	9.0%

Components

ORGANIC FERTILISERS
Mixture of organic NP fertilisers
Mixture of organic nitrogen fertilisers

MINERAL FERTILISERS
Urea
EC NP fertiliser
Potassium sulphate

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	500-550 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	550-700 pre-sowing or transplanting
Ornamental crops	400-550 pre-sowing or transplanting
Industrial crops	500-600 pre-sowing or transplanting
Fresh-cut produce crops	300-400 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION

FLAKES

GEL ACTIVE FOAM® ORGAMIN-P®



Gelactive NPK 8-5-6 S Flakes

ORGANO-MINERAL FERTILISER
NPK (SO_3)+C
8-5-6(5)+25

Provides organic nitrogen with slow natural release, derived from selected protein matrices

Increases the availability of phosphates and microelements

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Characteristics

GELACTIVE NPK 8-5-6 S FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE NPK 8-5-6 S FLAKES** is an organo-mineral NPK fertiliser with low chlorine content, obtained through a reaction process between organic matrices and mineral components, designed to increase the agronomic efficiency of organic nitrogen with higher levels and the availability of phosphates and microelements. **GELACTIVE NPK 8-5-6 S FLAKES** is a formulation characterised by a high content of organic nitrogen with slow natural release, derived from selected protein matrices (meat and bone meal, hydrolysed leather and hides), which ensure a gradual and prolonged release of nutrients, a balanced presence of highly assimilable phosphates, a potassium source from sulphate with low chlorine content and a high content of organic matter of protein origin (>50%). **GELACTIVE NPK 8-5-6 S FLAKES** is particularly suitable for autumn and spring basal fertilisation and can also be used in grassy vineyards thanks to its highly efficient agronomic formulation. This formulation makes the product suitable for use on high value crops that are sensitive to chlorides. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w
Total nitrogen (N)	8.0%
Organic nitrogen (N)	8.0%
Phosphoric anhydride (P_2O_5)	5.0%
Water-soluble sulphur trioxide (SO_3)	5.0%

	w/w
Water-soluble potassium oxide (K_2O)	6.0%
Organic carbon (C)	25.0%
Organic matter	50.0%

Components

ORGANIC FERTILISERS
Hydrolyzed leather and hides
Meat meal
Bone meal

MINERAL FERTILISERS
Soft natural phosphorus
Potassium sulphate containing magnesium salts

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	500-550 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	550-700 pre-sowing or transplanting
Ornamental crops	500-550 pre-sowing or transplanting
Industrial crops	650-750 pre-sowing or transplanting
Fresh-cut produce crops	500-550 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION · FLAKES · BIO · GEL ACTIVE FOAM® · ORGAMIN-P®



Gelactive NPK 8-5-6 C Flakes

ORGANO-MINERAL FERTILISER
NPK (CaO)+C
8-5-6 (8)+16

Provides organic nitrogen derived from scleroproteins, a portion of synthetic nitrogen, phosphorus and potassium

Improves the assimilation of microelements

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Characteristics

GELACTIVE NPK 8-5-6 C FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE NPK 8-5-6 C FLAKES** is an organo-mineral NPK fertiliser obtained through a reaction between mineral components and organic protein matrices. The formulation is characterised by organic nitrogen with slow mineralisation derived from scleroproteins, combined with a portion of synthetic nitrogen and significant amounts of phosphorus and potassium. The balanced ratio of nutrients ensures a gradual and constant release, which makes the product particularly suitable for nutrition of vines and fruit trees, in post-harvest or spring fertilisation, even in grassed systems. **GELACTIVE NPK 8-5-6 C FLAKES** is also suitable for basal fertilisation of herbaceous crops: a light pre-sowing incorporation promotes the mineralisation of organic matter. Its high agronomic efficiency, due to its organic nitrogen and organic matter content, combined with a competitive price/quality ratio, allows the product to be a valid alternative to conventional mineral fertilisers. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w
Total nitrogen (N)	8.0%
Organic nitrogen (N)	2.5%
Ureic nitrogen (N)	5.5%
Phosphoric anhydride (P_2O_5)	5.0%
Phosphoric anhydride (P_2O_5) soluble in mineral acids - Min. 55% in formic acid 2%	5.0%

	w/w
Water-soluble potassium oxide (K_2O)	6.0%
Organic carbon (C)	16.0%
Organic matter	32.0%
Total calcium oxide (CaO)	8.0%

Components

ORGANIC FERTILISERS
Mixture of organic NP fertilisers
Mixture of organic nitrogen fertilisers

MINERAL FERTILISERS
Soft natural phosphorus
Mixed potassium salts
Urea

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	650-800 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	800-950 pre-sowing or transplanting
Ornamental crops	500-550 pre-sowing or transplanting
Industrial crops	800-1200 pre-sowing or transplanting
Fresh-cut produce crops	400-500 pre-sowing or transplanting

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION · FLAKES · GEL ACTIVE FOAM® · ORGAMIN-P®



Gelactive NPK 6-7-13 Flakes

ORGANO-MINERAL FERTILISER
NPK (CaO-SO_3)+C
6-7-13 (9-11)+20

Provides NPK from mineral matrices and organic protein components

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Increases the potassium content in soils

Characteristics

GELACTIVE NPK 6-7-13 FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE NPK 6-7-13 FLAKES** is an organo-mineral NPK fertiliser with a low content of chlorine, obtained through a reaction between mineral matrices and organic protein components. The product contains: organic nitrogen from scleroprotein origin with natural slow release, capable of ensuring a constant supply to crops during the entire cropping cycle; assimilable phosphorous protected by organic matter in order to avoid insolubilisation processes; sulphate-derived potassium with high solubility; a high content of sulphates immediately available and a huge amount of organic matter from protein origin (>38%). The high agronomic efficiency of **GELACTIVE NPK 6-7-13 FLAKES** permit to optimise the supply of fertiliser unit, reducing the fertilisation costs and the environmental impact. The product is recommended for all the crops requiring a constant nitrogen supply, and is particularly suitable for potassium-demanding crops and potassium-deficient soils. It can be used for the autumn and spring basal fertilisation, as well as for top-dressing applications in fruit trees and vineyards, especially with grasses conditions. The presence of sulphate-derived potassium and sulphates makes **GELACTIVE NPK 6-7-13 FLAKES** particularly suitable for the high quality crops, especially for those sensitive to chloride. This formulation, like all products in the **GELACTIVE FLAKES** line, thanks to its higher agronomic efficiency, allows a reduction of approximately 15–20% in application rates compared to a conventional pellet formulation.

Composition	w/w		w/w
Total nitrogen (N)	6.0%	Water-soluble potassium oxide (K_2O)	13.0%
Organic nitrogen (N)	6.0%	Water-soluble sulphur trioxide (SO_3)	11.0%
Phosphoric anhydride (P_2O_5)	7.0%	Organic matter	40.0%
Total calcium oxide (CaO)	9.0%	Organic carbon (C)	20.0%

Components

ORGANIC FERTILISERS	MINERAL FERTILISERS
Hydrolyzed leather and hides	Soft natural phosphorus
Meat meal	Potassium sulphate containing magnesium salts
Bone meal	

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	400-500 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	550-700 pre-sowing or transplanting
Ornamental crops	500-550 pre-sowing or transplanting
Industrial crops	650-700 pre-sowing or transplanting
Fresh-cut produce crops	500-550 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION · FLAKES · BIO · BIO

GEL ACTIVE FOAM® · ORGAMIN-P®



Gelactive NPK 5-10-15 Flakes

ORGANO-MINERAL FERTILISER
NPK (SO_3)+C
5-10-15 (13)+15

Provides NPK with low chlorine content from mineral components and organic protein matrices

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Increases nutrient bioavailability

Characteristics

GELACTIVE NPK 5-10-15 FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE NPK 5-10-15 FLAKES** is an organo-mineral NPK fertiliser with low chlorine content, obtained through a reaction between mineral components and organic protein matrices, a process that increases the bioavailability of nutrients and improves the assimilability of mineral fractions. **GELACTIVE NPK 5-10-15 FLAKES** is characterised by organic nitrogen with slow natural release, derived from selected protein matrices, phosphates of both mineral and organic origin, which are highly bioavailable thanks to the reaction process with the organic matter, potassium from sulphate with a very low chloride content, and selected organic matter (meat and bone meal, hydrolysed leather and hides) which, through slow mineralisation, guarantee sustainable nutrition. All these properties give **GELACTIVE NPK 5-10-15 FLAKES**, significant agronomic efficiency, allowing for reductions in application rates up to 20-25% compared to mineral fertilisers with the same or higher nutrient content. It is suitable for all high quality crops, horticultural and fruit crops, which require prolonged and constant nutritional supply. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w		w/w
Total nitrogen (N)	5.0%	Water-soluble potassium oxide (K_2O)	15.0%
Organic nitrogen (N)	5.0%	Organic carbon (C)	15.0%
Phosphoric anhydride (P_2O_5)	10.0%	Organic matter	30.0%
Water-soluble sulphur trioxide (SO_3)	13.0%		

Components

ORGANIC FERTILISERS	MINERAL FERTILISERS
Hydrolyzed leather and hides	Soft natural phosphorus
Meat meal	Potassium sulphate (may contain magnesium salts)
Bone meal	

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	400-500 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	550-700 pre-sowing or transplanting
Ornamental crops	400-500 pre-sowing or transplanting
Industrial crops	650-700 pre-sowing or transplanting
Fresh-cut produce crops	400-500 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION · FLAKES · BIO · BIO

GEL ACTIVE FOAM® · ORGAMIN-P®



Gelactive NPK 4-8-16 Flakes

ORGANO-MINERAL FERTILISER
NPK (CaO)+C
4-8-16 (11)+11

Contributes to the regular development of fruit and improves its post harvest shelf life

Increases microbial biomass in the soil and improves the availability of microelements

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Characteristics

GELACTIVE NPK 4-8-16 FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE NPK 4-8-16 FLAKES** is an organo-mineral NPK fertiliser obtained through the reaction of raw materials, formulated to enhance the high organic nitrogen content and improve the assimilability of phosphates through the action of complexing organic components. The organic nitrogen present gradually mineralises over 20-35 days after application, ensuring a gradual release. The addition of organic matter increases the microbial biomass in the soil, improving the availability of microelements, particularly iron, and promoting better phosphate absorption. The presence of potassium contributes to the regular development of the fruit and improves its post harvest shelf life, while the increase in soil enzyme activity stimulates root growth. The balance between organic and mineral components reduces nitrate leaching losses, promotes uniform plant growth and increases resistance to plant diseases and environmental stresses, both hydric and thermal. **GELACTIVE NPK 4-8-16 FLAKES** is particularly suitable for autumn and spring basal fertilisation, even in grassed vineyards and tree crops. The formulation is also recommended for base and maintenance treatments in soils deficient in phosphorus and potassium, in orchards, vineyards and citrus trees, with or without grass cover, and is also widely used in high-value herbaceous cultures such as potatoes, tomatoes, sugar beet, melons and tobacco. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w
Total nitrogen (N)	4.0%
Organic nitrogen (N)	2.0%
Ureic nitrogen (N)	2.0%
Total phosphoric anhydride (P_2O_5)	8.0%
Phosphoric anhydride (P_2O_5) soluble in mineral acids - Min. 55% in formic acid 2%	8.0%

	w/w
Water-soluble potassium oxide (K_2O)	16.0%
Organic carbon (C)	11.0%
Organic matter	22.0%
Total calcium oxide (CaO)	11.0%

Components

ORGANIC FERTILISERS
Mixture of organic NP fertilisers
Mixture of organic nitrogen fertilisers

MINERAL FERTILISERS
Soft natural phosphorus
Mixed potassium salts
Urea

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	500-550 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	600-750 pre-sowing or transplanting
Ornamental crops	350-500 pre-sowing or transplanting
Industrial crops	600-700 pre-sowing or transplanting
Fresh-cut produce crops	350-400 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION

FLAKES

GEL ACTIVE FOAM®

ORGAMIN-P®



Gelactive NPK 4-5-6 Flakes

ORGANO-MINERAL FERTILISER
NPK (SO_3)+C
4-5-6 (5)+20

Provides NPK with a low chlorine content obtained from mineral and organic matrices

Increases the soil microbiological activity

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Characteristics

GELACTIVE NPK 4-5-6 FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE NPK 4-5-6 FLAKES** is an organo-mineral NPK fertiliser with a low chlorine content, obtained through a reaction between organic and mineral components, which improves its agronomic efficiency. The organic nitrogen (N) content with a natural slow release, associated with the availability of phosphorous (P), potassium (K) and sulphur trioxide (SO_3), provides a balanced supply of nutrient. The high amount of protein-based organic matter, promotes soil microbiological activity. **GELACTIVE NPK 4-5-6 FLAKES** is particularly suggested for the autumn and spring basal fertilisation, and also on grasses soil, and can be used in high value horticultural crops and fruit trees. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w
Total nitrogen (N)	4.0%
Organic nitrogen (N)	4.0%
Phosphoric anhydride (P_2O_5)	5.0%
Water-soluble sulphur trioxide (SO_3)	5.0%

	w/w
Water-soluble potassium oxide (K_2O)	6.0%
Organic carbon (C)	20.0%
Organic matter	40.0%

Components

ORGANIC FERTILISERS
Hydrolyzed leather and hides
Meat meal
Bone meal

MINERAL FERTILISERS
Soft natural phosphorus
Potassium sulphate

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	500-600 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	650-800 pre-sowing or transplanting
Ornamental crops	550-650 pre-sowing or transplanting
Industrial crops	700-800 pre-sowing or transplanting
Fresh-cut produce crops	550-650 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION

FLAKES

BIO

BIO

GEL ACTIVE FOAM®

ORGAMIN-P®



Gelactive NP 20-10 NBPT Flakes

ORGANO-MINERAL FERTILISER
NP (CaO)+C
20-10 (14)+7.5 with urease inhibitor N-(n-butyl) thiophosphoric triamide (NBPT)

Reduces nitrogen losses due to volatilisation through the use of NBPT

Provides a constant and gradual release of nitrogen over time

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Characteristics

GELACTIVE NP 20-10 NBPT FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE NP 20-10 NBPT FLAKES** is an organo-mineral NP fertiliser obtained through a reaction between mineral components and organic protein matrices, carried out with a coextrusion process that optimises the interaction between the organic and mineral fractions. **GELACTIVE NP 20-10 NBPT FLAKES** is characterised by (a) organic nitrogen with natural slow release, derived from high-quality protein matrices, (b) ureic nitrogen with NBPT, a urease inhibitor that delays urea hydrolysis and significantly reduces nitrogen losses, (c) assimilable phosphorus that becomes progressively available thanks to complexation with the organic fraction and (d) organic matter of protein origin. **GELACTIVE NP 20-10 NBPT FLAKES** makes it possible to apply dosages specific to the actual needs of crops, optimising yields and management costs. It also contains phosphoric anhydride (P_2O_5), which, thanks to its interaction with the organic protein matrix, is made available to plants throughout the crop cycle. The use of **GELACTIVE NP 20-10 NBPT FLAKES** is particularly recommended in alkaline soils. The product is recommended for sowing autumn–winter cereals, such as common and durum wheat, as well as for spring and row crops including maize, sorghum, sunflower, oilseed rape and sugar beet. It is also used in industrial vegetable crops such as tomato, artichoke and spinach. It is of particular agronomic interest for tree crops such as citrus, olive and hazelnut. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w		w/w
Total nitrogen (N)	20.0%	Total phosphoric anhydride (P_2O_5)	10.0%
Ureic nitrogen (N)	18.0%	Phosphoric anhydride (P_2O_5) soluble in mineral acid	10.0%
Organic nitrogen (N)	2.0%	Organic matter	15.0%
Total calcium oxide (CaO)	14.0%	Organic carbon (C)	7.5%

Components

ORGANIC FERTILISERS	MINERAL FERTILISERS
Mixture of organic NP fertilisers	Soft natural phosphorus
Mixture of organic nitrogen fertilisers	Urea

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	300-500 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	400-500 pre-sowing or transplanting
Ornamental crops	300-350 pre-sowing or transplanting
Industrial crops	500-600 pre-sowing or transplanting
Fresh-cut produce crops	200-250 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION · FLAKES · NBPT · GEL ACTIVE FOAM® · ORGAMIN-P®



Gelactive NP 11-25 Flakes

ORGANO-MINERAL FERTILISER
NP (CaO)+C
11-25 (10)+7.5

Provides a high content of phosphorous, both organic and mineral

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Increases the biological fertility of the soil

Characteristics

GELACTIVE NP 11-25 FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE NP 11-25 FLAKES** is an organo-mineral NP fertiliser obtained through a reaction between mineral components and organic matrices, aimed at stabilising and protecting phosphates from soil insolubilisation, thereby ensuring greater availability of the phosphorus over time. The main characteristics of **GELACTIVE NP 11-25 FLAKES** are: the presence of organic nitrogen at slow release, which ensure a gradual and constant release of the nitrogen and a progressive availability of the other nutritive elements; high level of phosphorous, both mineral and organic; high content of organic matter (15%), derived from different matrices of natural origin. This composition promotes a gradual release of nitrogen, increases the agronomy efficiency of fertiliser unit and improves the biological fertility of the soil. The high quality of the matrices used and the excellent agronomic efficiency of the formulation permit to obtain high level of the yields, with reduced management costs and a lower environmental impact, thanks to a more rational use of the elements. The fertiliser is recommended for basal and in pre-sawing application in cereals, as well during the establishment and the production phases of fruit trees and vineyards. It is also particularly suitable for localized application on sugar beet, especially in soil well supplied with available potassium. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w		w/w
Total nitrogen (N)	11.0%	Phosphoric anhydride (P_2O_5) soluble in mineral acid	23.0%
Ureic nitrogen (N)	3.0%	Phosphoric anhydride (P_2O_5) soluble in neutral ammonium citrate and water	17.0%
Organic nitrogen (N)	1.5%	Water soluble phosphoric anhydride (P_2O_5)	15.0%
Ammoniacal nitrogen (N)	6.5%	Organic carbon (C)	7.5%
Total calcium oxide (CaO)	10.0%	Organic matter	15.0%
Total phosphoric anhydride (P_2O_5)	25.0%		

Components

ORGANIC FERTILISERS	MINERAL FERTILISERS
Mixture of organic NP fertilisers	Soft natural phosphorus
Mixture of organic nitrogen fertilisers	EC NP fertiliser
	Urea

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	300-400 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	500-600 pre-sowing or transplanting
Ornamental crops	250-300 pre-sowing or transplanting
Industrial crops	500-700 pre-sowing or transplanting
Fresh-cut produce crops	200-250 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION · FLAKES · GEL ACTIVE FOAM® · ORGAMIN-P®



Gelactive NP 10-20 Flakes

ORGANO-MINERAL FERTILISER
NP +C
10-20 +8

Provides a high content of phosphorus and slow release organic nitrogen

Ensures proper nutrition throughout all stages of the crop cycle

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Characteristics

GELACTIVE NP 10-20 FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE NP 10-20 FLAKES** is an organo-mineral NP fertiliser obtained through a reaction between mineral components and organic protein matrices, formulated to ensure maximum protection of phosphates against insolubilisation, particularly in clay soils. **GELACTIVE NP 10-20 FLAKES** provides organic nitrogen with natural slow release, high phosphorus inputs, and a high percentage of organic matter. The technically balanced N/P ratio ensures proper nutrition during the early stages of the crop cycle, while the presence of organic nitrogen promotes regular and controlled growth, reducing the risk of leaching losses. The high quality of the organic matrices used in the formulation allows a reduction in fertiliser units, increasing nutrient use efficiency while simultaneously lowering management costs and reducing environmental impact. **GELACTIVE NP 10-20 FLAKES** is recommended for pre-sowing fertilisation of autumn–winter and spring cereals, and is optimally suited for the nutrition of sugar beet, sunflower, oilseed rape and sorghum, ensuring a consistent availability of nitrogen and phosphorus during the critical early stages of crop development. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w
Total nitrogen (N)	10.0%
Ureic nitrogen (N)	5.5%
Organic nitrogen (N)	1.5%
Ammoniacal nitrogen (N)	3.0%
Organic matter	16.0%
Organic carbon (C)	8.0%

	w/w
Total phosphoric anhydride (P_2O_5)	20.0%
Phosphoric anhydride (P_2O_5) soluble in mineral acids - Min. 55% in formic acid 2%	18.0%
Water soluble phosphoric anhydride (P_2O_5)	6.0%
Phosphoric anhydride (P_2O_5) soluble in neutral ammonium citrate and water	7.0%

Components

ORGANIC FERTILISERS
Mixture of organic NP fertilisers
Mixture of organic nitrogen fertilisers

MINERAL FERTILISERS
Soft natural phosphorus
EC NP fertiliser
Urea

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	300-400 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	500-550 pre-sowing or transplanting
Ornamental crops	250-300 pre-sowing or transplanting
Industrial crops	500-650 pre-sowing or transplanting
Fresh-cut produce crops	200-300 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION

FLAKES

GEL ACTIVE FOAM® ORGAMIN-P®



Gelactive NP 8-15 Flakes

ORGANO-MINERAL FERTILISER
NP (CaO)+C
8-15 (21)+9

Provides a high content of phosphorus from mineral and organic origin, calcium and organic matter

Maximises the protection of phosphates against insolubilisation

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Characteristics

GELACTIVE NP 8-15 FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE NP 8-15 FLAKES** is an organo-mineral NP fertiliser obtained through a reaction between mineral components and organic protein matrices, designed to maximise the protection of phosphates against insolubilisation. The product is specifically recommended for basal and pre-sowing fertilisation of cereals and leguminous crops, thanks to the presence of organic nitrogen with natural slow release, which ensures a gradual and constant nutrient supply during the early stages of vegetative development. The high content of phosphoric anhydride (P_2O_5) from mineral and organic origin, together with the presence of calcium (CaO) and a significant portion of organic matter (18%) derived from selected protein matrices, gives **GELACTIVE NP 8-15 FLAKES** a high agronomic efficiency. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w
Total nitrogen (N)	8.0%
Ureic nitrogen (N)	6.5%
Organic nitrogen (N)	1.5%
Total calcium oxide (CaO)	21.0%

	w/w
Total phosphoric anhydride (P_2O_5)	15.0%
Phosphoric anhydride (P_2O_5) soluble in mineral acids - Min. 55% in formic acid 2%	15.0%
Organic matter	18.0%
Organic carbon (C)	9.0%

Components

ORGANIC FERTILISERS
Mixture of organic NP fertilisers
Mixture of organic nitrogen fertilisers

MINERAL FERTILISERS
Soft natural phosphorus
Urea

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	300-400 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	500-600 pre-sowing or transplanting
Ornamental crops	250-300 pre-sowing or transplanting
Industrial crops	500-700 pre-sowing or transplanting
Fresh-cut produce crops	200-300 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION

FLAKES

GEL ACTIVE FOAM® ORGAMIN-P®



Gelactive NP 7-14 Flakes

ORGANO-MINERAL FERTILISER
NP (CaO)+C
7-14 (18)+20

Provides high quality organic matter and mineral components

Ensures the protection of phosphates against insolubilisation

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Characteristics

GELACTIVE NP 7-14 FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE NP 7-14 FLAKES** is an organo-mineral NP fertiliser obtained through a reaction between mineral matrices and organic protein components, which ensures the protection of phosphates against insolubilisation processes and increases their availability to crops. **GELACTIVE NP 7-14 FLAKES** is a formulation based on exclusively organic nitrogen with natural slow release, derived from meat and bone meal, hydrolysed leather and hides, which ensures a progressive and constant nutrient supply throughout the entire crop cycle, and also contains assimilable phosphates and calcium. The combination of these characteristics makes the product particularly suitable for acidic or sub-acidic soils with a good supply of available potassium, as well as for soils deficient in phosphorus. Moreover, **GELACTIVE NP 7-14 FLAKES** shows high agronomic efficiency of the fertiliser units, making it possible to achieve higher nutrient yields while simultaneously reducing environmental impact and fertilisation costs. The product is ideal for autumn and spring basal fertilisation of cereals and for the planting phase of fruit crops and vineyards, especially in soils with a good potassium supply. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w		w/w
Total nitrogen (N)	7.0%	Total calcium oxide (CaO)	18.0%
Organic nitrogen (N)	7.0%	Organic carbon (C)	20.0%
Total phosphoric anhydride (P_2O_5) soluble in mineral acid	14.0%	Organic matter	40.0%

Components

ORGANIC FERTILISERS	MINERAL FERTILISERS
Hydrolyzed leather and hides	Soft natural phosphorus
Meat meal	*It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.*
Bone meal	

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	400-550 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	450-500 pre-sowing or transplanting
Ornamental crops	350-450 pre-sowing or transplanting
Industrial crops	400-550 pre-sowing or transplanting
Fresh-cut produce crops	300-400 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION · FLAKES · BIO · GEL ACTIVE FOAM® · ORGAMIN-P®



Gelactive NP 5-12 Flakes

ORGANO-MINERAL FERTILISER
NP (CaO)+C
5-12 (16)+20

Provides high quality organic matter and mineral components

Ensures progressive phosphorus availability in synergy with calcium

Improves fertilisation efficiency through **GEL ACTIVE FOAM®** technology

Characteristics

GELACTIVE NP 5-12 FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM®**. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE NP 5-12 FLAKES** is an organo-mineral NP fertiliser formulated with high quality organic matrices and organic nitrogen capable of ensuring a gradual and constant release of the nutrients throughout the entire crop cycle. Moreover, the phosphates present are protected against insolubilisation processes, providing a progressive availability of the phosphorus in synergy with the calcium (CaO), which contribute to the improvement of the soil structure. **GELACTIVE NP 5-12 FLAKES** particularly suitable for pre-sowing fertilisation of autumn–winter cereals, and for the planting stages of orchards, vineyards, other tree crops and spring sown arable crops. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w		w/w
Total nitrogen (N)	5.0%	Total calcium oxide (CaO)	16.0%
Organic nitrogen (N)	5.0%	Organic carbon (C)	20.0%
Total phosphoric anhydride (P_2O_5) soluble in mineral acid	12.0%	Organic matter	40.0%

Components

ORGANIC FERTILISERS	MINERAL FERTILISERS
Hydrolyzed leather and hides	Soft natural phosphorus
Meat meal	*It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.*
Bone meal	

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	500-550 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	500-600 pre-sowing or transplanting
Ornamental crops	500-550 pre-sowing or transplanting
Industrial crops	650-700 pre-sowing or transplanting
Fresh-cut produce crops	400-500 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION · FLAKES · BIO · GEL ACTIVE FOAM® · ORGAMIN-P®



Gelactive N 30 NBPT Flakes

ORGANO-MINERAL NITROGEN FERTILISER
N +C
30+9 with urease inhibitor N-(n-butyl) thiophosphoric triamide (NBPT)

Provides a high content of organic and ureic nitrogen (30%)

Reduces nitrogen losses due to volatilization thanks to the use of NBPT

Improves fertilisation efficiency through **GEL ACTIVE FOAM**® technology

Characteristics

GELACTIVE N 30 NBPT FLAKES is one of the new formulations born in our research centre in collaboration with universities, thanks to the development of our new patented process technology **GEL ACTIVE FOAM**®. This technology, acting on pressures and temperatures during the production process, particularly in the thermobaric hydrolysis phase, allows the protein molecule to release regular fractions of amino acid chains, ensuring a more regular release of organic protein nitrogen, further enhanced by the physical form of flakes measuring approximately 2 mm. **GELACTIVE N 30 NBPT FLAKES** is an organo-mineral nitrogen fertiliser obtained through a reaction between urea and selected organic protein matrices. The technological innovation is represented by the use of NBPT (N-(n-butyl) thiophosphoric triamide), a urease inhibitor capable of delaying urea hydrolysis, significantly reducing nitrogen losses due to volatilization. In **GELACTIVE N 30 NBPT FLAKES**, a dual nitrogen protection is realised thanks to the synergistic presence of organic nitrogen with natural slow release and ureic nitrogen stabilized with NBPT. This combination ensures higher fertiliser use efficiency, providing prolonged nitrogen availability and allowing crops to assimilate up to 30% more nitrogen compared to conventional nitrogen fertilisers. **GELACTIVE N 30 NBPT FLAKES** is particularly suitable for non-irrigated soils or no-tillage cropping systems, where it is essential to optimize nitrogen nutrition without incorporation into the soil. The product is recommended for the fertilisation of cereals (both at pre-sowing and top dressing), fruit trees, vegetable crops and ornamentals, as well as for all crops that benefit from a constant and progressive nitrogen supply for up to 90 days after application. Thanks to urea stabilisation with NBPT, **GELACTIVE N 30 NBPT FLAKES** can effectively replace conventional synthetic nitrogen fertilisers, showing particular advantages on alkaline soils and soils poor in organic matter, where it contributes to improving yields and crop quality. This formulation, like all those in the **GELACTIVE FLAKES** line, allows for a reduction of approximately 15-20% in application doses compared to a conventional pellet formulation, thanks to its improved agronomic efficiency.

Composition	w/w
Total nitrogen (N)	30.0%
Ureic nitrogen (N)	28.0%
Organic nitrogen (N)	2.0%

	w/w
Organic matter	18.0%
Organic carbon (C)	9.0%

Components

ORGANIC FERTILISERS
Mixture of organic nitrogen fertilisers

MINERAL FERTILISERS
Urea

It can also be used in fertilization plans that benefit from incentives provided by local regulations and regional, national, and European laws.

Doses and Instructions

CROPS	APPLICATION RATES Kg/ha
Fruit trees	300-400 during planting, pre-vegetative growth phase, and post-harvest
Horticultural crops	500-550 pre-sowing or transplanting
Ornamental crops	250-350 pre-sowing or transplanting
Industrial crops	500-550 pre-sowing or transplanting
Fresh-cut produce crops	200-300 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Diameter	Humidity
Flakes	25-500 kg	2 mm	< 10%

SOIL APPLICATION

FLAKES

NBPT

GEL ACTIVE FOAM®

ORGAMIN-P®

Special fertilisers

Organazoto's ongoing research, carried out in collaboration with universities and research centre, including international ones – has led to the development of a complete range of specialised fertilisers designed to meet the needs of the modern farmer at every stage of plant growth. High-tech formulations, designed for use in fertigation, foliar application and seed treatment for both organic and conventional farming, which ensure balanced crop nutrition by reducing chemical inputs and promoting the overall health of the plant. The special fertilisers comprise the following ranges:

114
Bioactivators

125
Phytofortifiers

134
Microorganisms

140
Meso & Microelements

146
Fertigators



Bioactivators

AlgenMix
AlgenMix NPK
AlgenMix Zn Mn
Asweed
CarniPlus
Fruit Colour
Fruit Copper LQ
Fruit Energy BZ
Fruit Energy PW
Fruit Flower LQ

Organazoto's Bioactivators line includes advanced formulations made primarily from selected natural raw materials and developed using patented production technologies. Among these, the following stands out:

ALGENFOUR SCE®

a technological solution designed to improve quality and production yields with full respect for the environment. It is an innovative extraction technology using supercritical conditions and low temperatures, applied to brown algae such as *Ascophyllum* spp., *Laminaria* spp., *Fucus* spp. and *Macrocystis* spp. This process preserves the integrity of the natural active ingredients, maintaining a high concentration of the most valuable compounds and ensuring superior quality standards. Products incorporating this technology are distinguished by their high content of biologically active substances, including: natural hormones and hormone-like compounds; functional polysaccharides; plant-derived amino acids; and elicitor molecules capable of supporting the plant's physiological responses.
Organazoto's **Bioactivators** promote **balanced plant development**, stimulating root growth and supporting the efficiency of photosynthetic and reproductive tissues. The result is a more vigorous, balanced and resilient plant, capable of fully realising its productive potential.



AlgenMix

BIOACTIVATOR
to optimize flowering, fruit set, and increase production

Stimulates flowering and fruit set, acting as an antistress factor and growth promoter

Promotes cells division and expansion in developing tissues

Channels the energy accumulated by the plant towards the fruits

Characteristics

AlgenMix is a special bioactivator based on natural extracts derived from brown algae such as *Ascophyllum* spp., *Laminaria* spp., *Fucus* spp. and *Macrocystis* spp., formulated using the exclusive **ALGENFOUR SCE®** (Super Cold Extraction) technology. This process, through a low-temperature supercritical extraction, preserves the integrity of the natural active ingredients, ensuring a high concentration of bioactive and nutraceutical compounds. **AlgenMix** acts as a powerful growth stimulant for crops, thanks to the presence of bioactive molecules such as amino acids, vitamins, phytohormones, alginates, laminarins, mannitol, and oligoelements. These components promote the metabolic processes of plants, such as protein synthesis, cellular energy production, photosynthetic efficiency, cell division, and stress resistance, while also improving nutrient absorption and stimulating crop growth. Its unique composition ensures optimal transport of nutrients from storage organs to reproductive organs, stimulating the processes of flowering and fruiting, which become more intense and homogeneous. Furthermore, due to the presence of growth-regulating phytohormones, the product stimulates increased cell division and elongation in growing tissues, promoting a higher availability of photosynthetic sugars for the fruits. This process leads to an increase in fruit weight and size, improving their commercial quality and shelf life..

Composition	w/w*	w/v
Total nitrogen (N)	1.0%	1.1%
Organic carbon (C)	10.0%	11.5%
Brown algae cream (*Ascophyllum* spp., *Laminaria* spp., *Fucus* spp., *Macrocystis* spp.)**		
Plant-derived growth inducers: auxins, glycine betaines, cytokinins, gibberellins and polyamines **		

	w/w*	w/v
Organic nitrogen (N)	1.0%	1.1%
Organic matter with nominal molecular weight <50kDa	32.0%	36.8%
Amino acids, vitamins: B1, B2, B3, B6, B12, tocopherol, inositol **		
Alginates, mannitol, laminarins and oligoelements**		

Raw materials: brown algae, plant extracts**Data not present on the label.
*Equivalent to w/v at 20°C.

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE ml/hl*
Fruit trees	From the fruit setting phase to fruit development	150-200
Horticultural crops	During the entire vegetative cycle	150-200
CROPS	**FERTIGATION APPLICATION**	**DOSE l/ha***
All crops	During the entire vegetative cycle	2-3

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	1-5-10-20 l	~ 1150 kg/m³	~ 7.2	~ 36.4 dS/m

FOLIAR APPLICATION
FERTIGATION APPLICATION
BIOACTIVATORS
BIO
BIO
ALGENFOUR SCE®



AlgenMix NPK

BIOACTIVATOR
Complete bioactivator to improve fruit quality and size

Promotes development of fruits by improving their weight, texture, colour and Brix degree

Accelerates maturation and increases productivity

Optimizes the quality and shelf life of the production

Characteristics

AlgenMix NPK is a highly balanced bioactivator that provides an optimal supply of nitrogen, phosphorus, and potassium, ideal for stimulating vegetative growth, flowering and fruit development. The product is also enriched with a selection of essential micronutrients, including boron, copper, iron, manganese (Mn-EDTA), zinc (Zn-EDTA), and molybdenum, to support metabolism, enhance the photosynthetic process, and ensure balanced plant growth. The formulation, like the entire **AlgenMix** line, includes natural extracts of brown algae (*Ascophyllum* spp., *Laminaria* spp., *Fucus* spp. and *Macrocystis* spp.), present in high concentrations thanks to **ALGENFOUR SCE®** (Super Cold Extraction) technology. This process uses low-temperature supercritical extraction, which preserves the integrity of the extracted natural active ingredients. Bioactive molecules (such as mannitol, alginic acid, laminarins) help to improve nutrient delivery and availability by optimizing osmoregulation and water retention. Additionally, the presence of plant hormones (such as cytokinins, gibberellins, brassinosteroids, and auxins) stimulates cell growth and promotes fruit enlargement. **AlgenMix NPK**, through the synergy between mineral nutrients (boron) and natural extracts, encourages flowering and accelerates fruit maturation, helping to improve their qualitative characteristics such as: larger size and weight, consistency and firmness of the pulp, increased sugar content, flavour (sugar/acid balance), and presence of antioxidants (improving colour and hardness). These properties contribute to achieve overall high quality fruits and leafy vegetables, ensuring better shelf life of the production.

Composition	w/w*	w/v
Total nitrogen (N)	6.0%	7.5%
Ureic nitrogen (N)	5.0%	6.2%
Water soluble phosphoric anhydride (P_2O_5) and ammonium citrate-soluble	4.0%	5.0%
Organic carbon (C)	6.5%	8.1%
Water-soluble copper (Cu)	0.01%	0.01%
Water-soluble manganese (Mn)	0.01%	0.01%
Water-soluble molybdenum (Mo)	0.005%	0.006%
Zinc (Zn) chelated with EDTA	0.04%	0.05%

	w/w*	w/v
Organic nitrogen (N)	1.0%	1.2%
Total phosphoric anhydride (P_2O_5) (soluble only in mineral acids)	5.0%	6.2%
Water-soluble potassium oxide (K_2O)	5.0%	6.2%
Water-soluble boron (B)	0.05%	0.06%
Water-soluble iron (Fe)	0.05%	0.06%
Manganese (Mn) chelated with EDTA	0.01%	0.01%
Water-soluble zinc (Zn)	0.04%	0.05%

Raw materials: brown algae, plant extracts, boron ethanolamine, manganese chelate, zinc chelate, EC NPK fertilizer, sodium molybdate, iron salt, copper salt. *Equivalent to w/v at 20°C.

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE ml/hl*
Fruit trees	Flower buds, flowering, and petal drop	300-400
Horticultural crops	Fruit set (2nd truss), fruit enlargement	200-400
Industrial crops	Fruit set (2nd truss), fruit enlargement	200-400
Ornamental crops	During the entire vegetative cycle	100-300
CROPS	FERTIGATION APPLICATION	DOSE l/ha*
All crops	Starting from fruit set	2-3

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	1-5-10-20 l	~ 1250 kg/m³	~ 6.5	~ 53.0 dS/m

FOLIAR APPLICATION · FERTIGATION APPLICATION · BIOACTIVATORS

ALGENFOUR SCE®



AlgenMix Zn Mn

BIOACTIVATOR
To improve productivity even under stress condition

Enhances plant growth interrupted by stress conditions (low temperature, low light)

Promotes the plant's vegetative recovery after herbicide application

Reactivates plant vitality thanks to brown algae extracts with the exclusive **ALGENFOUR SCE®** technology

Characteristics

AlgenMix Zn Mn is a highly efficient bioactivator that synergistically combines micronutrients, such as zinc and manganese, and brown algae extracts (*Ascophyllum* spp., *Laminaria* spp., *Fucus* spp. and *Macrocystis* spp.), obtained through the **ALGENFOUR SCE®** (Super Cold Extraction) technology. This extraction process, performed at low temperature under supercritical conditions, preserves the integrity of the natural active ingredients, ensuring an effective concentration of bioactive molecules. **AlgenMix Zn Mn**, through the micronutrients zinc and manganese, involved in key metabolic pathways (protein synthesis, plant hormones, and chlorophyll), and the **ALGENFOUR SCE®** technology, reactivates growth and increases crop productivity, improving the plant's natural defences against environmental stress: water stress, salinity, low temperatures, and low light. The product has also proven to be highly effective in reducing stress caused by herbicide application.

Composition	w/w*	w/v
Total zinc (Zn)	5.0%	6.75%
Total manganese (Mn)	5.0%	6.75%

Raw materials: brown algae, plant extracts, zinc sulphate, manganese sulphate.
*Equivalent to w/v at 20°C.

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE ml/hl*
Fruit trees	Starting from the vegetative recovery (up to two applications)	100-200
Horticultural crops	Starting from the early stages of development	100-200
Industrial crops	Starting from the early stages of development	100-200
Ornamental crops	Post-transplant development (every 5-7 days)	100-200
CROPS	FERTIGATION APPLICATION	DOSE l/ha*
All crops	Curative treatments and/or to improve productivity	2-4

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	1-5-10-20 l	~ 1350 kg/m³	~ 6.7	~ 46.0 dS/m

FOLIAR APPLICATION · FERTIGATION APPLICATION · BIOACTIVATORS · BIO

ALGENFOUR SCE®



Asweed

BIOACTIVATOR
Based on *Ascophyllum nodosum* extracts

Increases the plant's ability to synthesize its own hormonal substances

Promotes vegetative, productive, and qualitative development in all crops

Improves crop resistance to biotic and abiotic stress

Characteristics

Asweed is a special bioactivator based on natural organic extracts derived from the brown seaweed *Ascophyllum nodosum*, formulated to synergistically and naturally stimulate plant growth and development processes. The formulation contains over 60 organic compounds, including macro and micronutrients, natural phytohormones (auxins, gibberellins, cytokinins), vitamins, enzymes, peptides, free amino acids, phytochromatic substances, and carbohydrates. These components are rapidly and fully assimilable by plants both through foliar and root uptake. The presence of natural phytohormones gives the product strong bioactivating properties, stimulating vegetative growth, cell division, and flowering, while also enhancing stress tolerance and delaying cellular aging. Mannitol and alginates, together with betaines, play a key role in chelating and osmoregulatory activity, improving nutrient availability and increasing resistance to water and salt stress. Enriched with essential amino acids and polyphenols, **Asweed** promotes vegetative development, tolerance to thermal stress (both high and low temperatures), and the production of phytoalexins, thereby strengthening the plant's resistance to abiotic stress. Thanks to its formulation, **Asweed** supports flowering and fruit set, enhancing both quality and yield, and contributing to more efficient resource use, resulting in cost reduction.

Composition

Organic carbon (C)	8.5%
Mannitol	20 g/l
Brown algae cream (*Ascophyllum nodosum* high concentrations) *	

Raw materials: brown algae.
*Data not present on the label.

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE ml/hl*
Fruit trees	From the vegetative recovery phase to the fruit swelling	150-250
Horticultural crops	During the entire vegetative cycle	150-250
Ornamental crops	During the entire vegetative cycle	150-250
Industrial crops	During the entire vegetative cycle	150-250
CROPS	**FERTIGATION APPLICATION**	**DOSE l/ha***
All crops	During the entire vegetative cycle	2-3

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	1-5-10-20 l	~ 1175 kg/m³	~ 9.8	~ 67.1 dS/m

FOLIAR APPLICATION · FERTIGATION APPLICATION · BIOACTIVATORS · BIO



CarniPlus

BIOACTIVATOR
With a high content of free L-amino acids

Provides free, left-handed amino acids that are highly assimilable by the plant

Improves soil fertility and enhances root absorption and nutrient translocation

Stimulates nitrogen metabolism and increases its efficiency

Characteristics

CarniPlus is a liquid organic nitrogen fertilizer with high solubility, based on free amino acids obtained from animal-derived organic matter. The amino acids are in the L-form (levorotatory), which is biologically active and highly assimilable by plants. This feature ensures a high physiological effectiveness, making the product particularly suitable during all phenological stages in which the crop requires nutritional support and metabolic stimulation. **CarniPlus** stimulates both vegetative and root development of the plant, promotes the growth of vegetables and fruits, increases the absorption of nutrients and improves tolerance to abiotic stress (thermal, water, and salinity). Application via fertigation also improves soil structure and fertility, thanks to the content of biologically active organic carbon, which stimulates beneficial microflora and supports the balance of the rhizosphere microbiome.

Composition

	w/w*	w/v
Total nitrogen (N)	8.5%	11.3%
Organic carbon (C)	28.3%	37.8%
Organic nitrogen (N)	8.5%	11.3%

Raw materials: hydrolyzed animal epithelium.
*Equivalent to w/v at 20°C.

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE ml/hl*
Fruit trees (plum and peach trees excluded)	During fruit enlargement	80-150
Horticultural crops	During the entire vegetative cycle	80-150
Ornamental crops	In early development stages	60-100
Industrial crops	During the entire vegetative cycle	80-150
CROPS	**FERTIGATION APPLICATION**	**DOSE l/ha***
Fruit trees	From vegetative recovery and during the entire vegetative cycle	15-25
Horticultural crops	From the vegetative recovery/post-transplant phase and throughout the cycle	15-25
Ornamental crops	From vegetative recovery and throughout the cycle	15-25
Industrial crops	From the vegetative recovery/post-transplant phase and throughout the cycle	15-25

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	1-5-10-20 l	~ 1330 kg/m³	~7.0	~ 7.9 dS/m

FOLIAR APPLICATION · FERTIGATION APPLICATION · BIOACTIVATORS · BIO



Fruit Colour

BIOACTIVATOR
That improves fruit quality and final yield

Enhances fruit quality characteristics such as °Brix, color, and consistency

Increases final production

Boosts photosynthetic efficiency and supports reproductive

Characteristics

Fruit Colour is a bioactivator based on phosphorus (P) and potassium (K), formulated to optimize phospho-potassic nutrition with an acidic pH, which promotes greater and faster assimilation, and to stimulate the metabolic activity of crops. The product supports key physiological processes, enhancing reproductive development and improving fruit quality. phosphorus is essential for cellular energy processes (ATP, NADPH), promotes floral differentiation, regulates hormonal balance, and is particularly useful during the early stages of the crop cycle and pre-flowering. Potassium stimulates the synthesis of sugars, starches, and pigments, and is crucial for the translocation of photosynthates and for processes related to fruit ripening. **Fruit Colour** improves nutrient uptake and translocation, stimulates photosynthesis, and the synthesis of phytohormones and amino acids, increasing flowering and fruit set efficiency. This results in improved yield and quality, with fruits characterized by higher sugar content (°Brix), greater uniformity, intense colouration, consistency, and enhanced shelf life.

Composition

Water soluble phosphoric anhydride (P_2O_5)	6.0%
Water-soluble potassium oxide (K_2O)	56.0%

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE Kg/ha*
Fruit trees	From fruit swelling to ripening (2-3 applications)	2-3
Horticultural crops	From fruit swelling to ripening (2-3 applications)	1-2
Industrial crops	Up to harvesting stage (4-5 applications)	2-3
Ornamental crops	Throughout the growth cycle	1-2
CROPS	**FERTIGATION APPLICATION**	**DOSE Kg/ha***
Fruit trees	Starting from fruit set to ripening	5-10
Horticultural crops	Starting from fruit set to ripening	4-8
Ornamental crops	Throughout the growth cycle	1-3

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble crystals	1-5-10-25 kg	~4.9	~ 92.1 dS/m

FOLIAR APPLICATION · FERTIGATION APPLICATION · BIOACTIVATORS



Fruit Copper LQ

BIOACTIVATOR
With readily available copper and boron

Increases resistance to biotic stress

Prevents and corrects copper and boron deficiencies in crops

Stimulates the synthesis of chlorophyll, pigments, and carbohydrates

Characteristics

Fruit Copper LQ is a bioactivator which amplifies the action of copper and boron thanks to the natural extracts of brown algae (*Ascophyllum* spp., *Laminaria* spp., *Fucus* spp. and *Macrocystis* spp.), ensuring optimal nutrition, increased productivity, and a rapid response to biotic stress. The algal extracts are obtained using **ALGENFOUR SCE®** (Super Cold Extraction) technology, under low-temperature supercritical conditions, which preserve the integrity of bioactive molecules and ensure high concentrations. In particular, these extracts are rich in natural phytohormones (auxins, cytokinins, betaines), polysaccharides, amino acids, and oligoelements; they improve nutrient uptake and transport and optimize plant physiology. Copper (Cu), an essential nutrient required by developing organs, plays an active role in chlorophyll synthesis, enzymatic regulation, and the formation of pigments and carbohydrates, contributing to plant growth and resistance to biotic stress (e.g., pathogenic fungi). boron (B) is a crucial micronutrient for flowering and fruit setting. It is involved in cell division, cell wall formation, and sugar metabolism, promoting better fruit and flower development.

Composition

Composition	w/w*	w/v
Total copper (Cu)	10.0%	12.8%
Water-soluble boron (B)	0.2%	0.2%
Water-soluble copper (Cu)	4.0%	5.1

Raw materials: brown algae, copper sulphate, copper oxychloride, boron ethanolamine.
*Equivalent to w/v at 20°C.

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE ml/hl*
Fruit trees (no peach, plum or susceptible apple cultivars)	During the entire vegetative cycle	100-150
Horticultural crops (no rocket)	During the entire vegetative cycle	100-150
Industrial crops	During the entire vegetative cycle	100-150
Ornamental crops	During the entire vegetative cycle	80-100

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	1-5-10-20 l	~ 1280 kg/m³	~ 8.2	~ 32.0 dS/m

FOLIAR APPLICATION · BIOACTIVATORS · BIO

ALGENFOUR SCE®



Fruit Energy BZ

BIOACTIVATOR
Special bioactivator of flower fertility, flowering and fruit setting

Increases flower fertility

Promotes the synthesis of natural phytohormones

Enhances flowering and promotes fruit setting

Characteristics

Fruit Energy BZ is a highly enhanced bioactivator designed for targeted action on flowering and fruit set. It is formulated with zinc and boron complexed with natural organic extracts. The product's effectiveness is based on the synergy between microelements and organic bioactive compounds, which stimulate the main physiological processes involved in plant reproduction and fruit development. The organic components include algal extracts (*Ascophyllum* spp., *Laminaria* spp., *Fucus* spp. and *Macrocystis* spp.), obtained through the special ALGENFOUR **SCE**® (Super Cold Extraction) technology, tryptophan, humic and fulvic acids, and L-amino acids. These seaweed extracts are rich in polysaccharides, natural phytohormones, amino acids, and alginates, which act as osmoprotectants and cell division stimulators, enhancing nutrient absorption and translocation. Naturally derived tryptophan promotes the production of natural cell division promoters (e.g., IAA and PAA), while humic and fulvic acids improve nutrient uptake and provide an energy reserve for the plant. L-amino acids, in addition to being an immediate energy source, accelerate and enhance pollination and fruit set, and also strengthen the plant's response to environmental stress. Zinc (Zn) is involved in protein, chlorophyll, and phytohormone synthesis, supporting resistance to environmental stress and improving photosynthetic efficiency. Boron (B), a key element for flowering and fruiting, is essential for pollen vitality, cell wall formation, and sugar metabolism, directly influencing flower fertility and early fruit development. The synergistic combination of these elements allows **Fruit Energy BZ** to act as a powerful bioactivator, capable of supporting the plant even under unfavorable environmental conditions. It promotes intense flowering, increases flower fertility, ensures more uniform and abundant fruit set, and supports early and homogeneous fruit development.

Composition	w/w*	w/v
Total boron (B)	1.6%	2.0%
Total zinc (Zn)	6.3%	8.0%

Raw materials: brown algae, boron ethanolamine, zinc chloride.
*Equivalent to w/v at 20°C.

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE ml/hl*
Fruit trees	From pre-flowering to fruit set (petal fall)	40-80
Horticultural crops	From pre-flowering to fruit set (petal fall)	40-80
Ornamental crops	Before flowering	40-80
Industrial crops	Before flowering	40-80
CROPS	**FERTIGATION APPLICATION**	**DOSE l/ha***
Fruit trees	Starting from fruit set to ripening	0.8–1.2
Horticultural crops	Starting from fruit set to ripening	0.8–1.2
Ornamental crops	Before flowering	0.8–1.2

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	1-5-10 l	~ 1270 kg/m³	~ 9.8	~ 1.8 dS/m

FOLIAR APPLICATION · FERTIGATION APPLICATION · BIOACTIVATORS · BIO

ALGENFOUR SCE®



Fruit Energy PW

BIOACTIVATOR
Single-dose bioactivator to boost flowering, enhance fruit set, and promote fruit growth

Anticipates and synchronizes flowering, and reduces internodes

Stimulates fruit set and fruit enlargement

Enhances the plant's metabolic activity

Characteristics

Fruit Energy PW is a special bioactivator based on natural tryptophan, selected vitamins, and physiological growth inducers, developed to support crops during the key stages of flowering, fruit set, and fruit development, while also improving the plant's ability to respond to stress and physical damage. Tryptophan, a key precursor in auxin biosynthesis, plays an essential role in regulating vegetative and reproductive growth. It promotes cell elongation, flower formation, and early fruit set, accelerating fruit development and enhancing production quality. The vitamins in the product act as enzymatic cofactors in major metabolic pathways and provide antioxidant protection, supporting the plant under oxidative stress conditions. The presence of natural growth inducers stimulates endogenous hormone production, activates meristematic activity, and promotes the differentiation of flower and fruit tissues. Combined with tryptophan, they accelerate productive processes, increasing fruit set and fruit size.

Composition
Tryptophan (natural)
Vitamins (naturals)
Growth inducers (naturals)

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE
Fruit trees	Before flowering, pre- and post- fruit set (10-15 days after the first application)	Single dose for 250/500 l
Horticultural crops	Transplanting (8-10 days after), before flowering, pre- and post- fruit set (10-15 days after the first application)	Single dose for 250/500 l
Ornamental crops	Before flowering (10-15 days after the first application)	Single dose for 250/500 l

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble powder	7-14 g	4.9	~ 39.3 dS/m

FOLIAR APPLICATION · BIOACTIVATORS



Fruit Flower LQ

BIOACTIVATOR
Special bioactivator that enhances flowering and fruit setting

Induces and prolongs flowering

Increases fruit setting

Encourages entomophilous pollination

Characteristics

Fruit Flower LQ is a bioactivator formulated with boron, molybdenum, and zinc complexed with natural algal extracts (*Ascophyllum* spp., *Laminaria* spp., *Fucus* spp. and *Macrocystis* spp.), obtained through the special **ALGENFOUR SCE®** (Super Cold Extraction) technology. These extracts, rich in bioactive polysaccharides, natural phytohormones, and amino acids, stimulate enzymatic activity and the growth of reproductive tissues, support nutrient mobilization, and promote a resilient yet elastic cell wall capable of withstanding the mechanical load of developing fruits. Zinc (Zn) is involved in the synthesis of proteins, chlorophyll, and phytohormones, helping to improve resistance to environmental stress and photosynthetic efficiency. Boron (B), a key element for flowering and fruiting, is essential for pollen vitality, cell wall formation, and sugar metabolism, directly influencing flower fertility and early fruit development. The synergy between the microelements and bioactive compounds allows **Fruit Flower LQ** to induce and prolong flowering, stimulate fruit set and pollen tube growth, strengthen the support structures (bunches/rachis, to support a greater load of fruit), promote entomophilous pollination, and improve nutrient translocation, thus contributing to full support and fruit development.

Composition	w/w*	w/v
Water-soluble boron (B)	5.0%	6.0%
Water-soluble zinc (Zn)	0.5%	0.6%
Water-soluble molybdenum (Mo)	2.0%	2.4%
Zinc (Zn) chelated with EDTA	0.5%	0.6%

Raw materials: brown algae, boron ethanolamine, sodium molybdate, zinc EDTA.
*Equivalent to w/v at 20°C.

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE ml/hl*
Fruit trees	Before flowering	50-90
Horticultural crops	Before flowering	50-90
Ornamental crops	Before flowering	40-80
Industrial crops	Before flowering	50-90
CROPS	FERTIGATION APPLICATION	DOSE l/ha*
All crops	Before flowering	2.5-4

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	1-5-10-20 l	~ 1200 kg/m³	~ 8.2	~ 32.6 dS/m

FOLIAR APPLICATION
FERTIGATION APPLICATION
BIOACTIVATORS
BIO
ALGENFOUR SCE®

Phytofortifiers

Bioln Act
Bioln MZ
Botriver BZ
FunStop
FunStop Special Z
NemaOil
Silicium Plus
Wilder

The Organazoto **Phytofortifiers** line brings together a comprehensive range of formulations which, as well as ensuring a balanced nutritional intake, offer innovative and sustainable solutions for strengthening plants' endogenous resistance. Thanks to their marked phytostimulant activity, these products activate natural self-defence mechanisms, prompting the plant to develop a physiological barrier against **biotic and abiotic stresses**. The result is a more resilient plant system, capable of coping with complex environmental conditions without compromising performance and productivity. The line is based on patented technologies that best reflect Organazoto's scientific approach:

PLANTEX SC®

An innovative plant extraction process using supercritical conditions, applied to various plant species, including *Euphorbiaceae, Lamiaceae, Myrtaceae, Urticaceae, Pinaceae, Amaryllidaceae*, as well as grapefruit and orange seeds. This technology preserves the integrity of the natural components, maintaining the high phytostimulant and antioxidant properties of the plant matrices;

ACTIVE SET®

An advanced technology designed to improve the adhesion of liquid formulations to plant surfaces. It promotes more even distribution across the foliage, increasing nutrient uptake and optimising the overall effectiveness of the treatment;

ALGENFOUR SCE®

Technology shared with the Bioactivators line, based on an innovative extraction process carried out under supercritical and low-temperature conditions using brown algae such as *Ascophyllum* spp., *Laminaria* spp., *Fucus* spp. and *Macrocystis* spp.. The process preserves the integrity of the natural active ingredients, ensuring a high concentration of bioactive and nutraceutical compounds such as natural hormones, hormone-like substances, polysaccharides, plant amino acids and elicitors.



BioIn Act

PHYTOFORTIFIER
Improves plant health

Provides a significant amount of plant extracts with **PLANTEX SC®** technology

Supports by inducing the plant's natural defence system

Presents high filming capacity thanks to **ACTIVE-SET®** technology

Characteristics

BioIn Act is an innovative liquid activator that works synergistically to enhance the effects of BioIn Mz. **BioIn Act** is a new fertiliser designed to further increase the plant's endogenous defence mechanisms thanks to the additional plant extracts it contains, with **PLANTEX SC®** technology, soybean oil and its high content of polyunsaturated fatty acids. Among other effects, it improves the anti-transpirant and film-forming action, reduces water loss from plant tissues, improves the wetting of vegetation and reduces the activity and movement of insects with soft bodies, in which it causes dehydration. Its innovative formulation also guarantees high adhesion and distribution on treated surfaces thanks to **ACTIVE-SET®** technology.

Composition	w/w
Vegetable oils (soya oil)	100%

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE ml/hl*
Horticultural crops	During the entire growing cycle avoiding during flowering stage	200
Fruit trees	During the entire growing cycle avoiding during flowering stage	200
Cereals	After the tillering stage	200
Ornamental crops	During the entire growing cycle avoiding during flowering stage	200

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	1-5-10-20 l	~ 930 kg/m³	~ 6.4	~ 0.1 dS/m

FOLIAR APPLICATION · PHYTOFORTIFIER · BIO

PLANTEX SC® ACTIVE SET®



BioIn MZ

PHYTOFORTIFIER
Healthier plants and greater productivity

Nourishes thanks to significant antioxidant intake

Supports by inducing the plant's natural defence system

Stimulates the transpiration processes in stress conditions

Characteristics

BioIn MZ is a new fertilizer designed to naturally increase the crop yield by promoting the plant endogenous defence mechanisms. Thanks to the supply of two important nutrients, zinc and manganese, it is able to stimulate the plant response under biotic and/or abiotic stress conditions. Additionally, the polymeric components and the vegetal extracts, obtained with **PLANTEX SC®** technology, they work in synergy to ensure an optimal response under water and/or heat stress conditions, improving the plant transpiration and eliciting the production of secondary metabolites involved in the plant defence mechanisms. Its innovative formulation also ensures a high adhesion and distribution capacity on the treated leafy surfaces thanks to **ACTIVE SET®** technology.

Composition	w/w*	w/v
Total manganese (Mn)	0.5%	0.5%
Total zinc (Zn)	1.5%	1.5%

Raw materials: manganese salt, zinc salt.
* Equivalent to w/v at 20°C.

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE ml/hl*
Horticultural crops	During the entire growing cycle avoiding during flowering stage	80-100
Fruit trees	During the entire growing cycle avoiding during flowering stage	80-100
Cereals	After the tillering stage	100
Ornamental crops	During the entire growing cycle avoiding during flowering stage	80-100

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	1-5-10-20 l	~ 1029 kg/m³	~ 6.3	~ 0.2 dS/m

FOLIAR APPLICATION · PHYTOFORTIFIER

PLANTEX SC® ACTIVE SET®



Botriver BZ

PHYTOFORTIFIER
For excellent flowering and fruit setting in stress conditions

Stimulates the plant natural defence

Provides micronutrients and plant extracts with the exclusive **PLANTEX SC®** technology

Enhances flowering and fruit setting by supplying highly available boron and zinc through **ACTIVE SET®** technology

Characteristics

Botriver BZ is a product based on micronutrients that supports the plant in the most delicate phases of its life cycle such as flowering and fruit set, improving its resistance under both biotic and abiotic stress condition. Its special formulation ensures uniform distribution over the treated surfaces thanks to the exclusive **ACTIVE SET®** technology, which thus allows for greater absorption of the available nutrients. In particular, boron (B) stimulates flowering and promotes fruit setting. Additionally, natural components with phytostimulant and antioxidant properties, extracted using the **PLANTEX SC®** technology (such as extracts of marigold, orange, grapefruit, and basil), enhance the plant natural defence mechanisms against major pathogens and improve product shelf life.

Composition	w/w*	w/v
Water-soluble boron (B)	0.2%	0.2%
Water-soluble zinc (Zn)	1.8%	1.9%

Raw materials: boron ethanolamine, zinc chloride.
*Equivalent to w/v at 20°C.

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE ml/hl*
Fruit trees	From before flowering and under conditions that promote biotic and abiotic stress	100-200
Horticultural crops	From before flowering and under conditions that promote biotic and abiotic stress	100-200
Industrial crops	From the early stages and throughout the entire cycle	80-150
Ornamental crops	From the early stages and throughout the entire cycle	100-150

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	1-5-10-20 l	~ 1060 kg/m³	~ 6.7	~ 36.0 dS/m

FOLIAR APPLICATION
PHYTOFORTIFIER
BIO BIO

PLANTEX SC® ACTIVE SET®



FunStop

PHYTOFORTIFIER
To strengthen the leaf epidermis creating a barrier against stress

Provides potassium, microelements, and silicon

Enhances the quality of the final production

Supports the plant's endogenous defence system

Characteristics

FunStop is a phytofortifier based on potassium, microelements (Mn, Zn), and silicon, formulated to optimize the nutritional supply of plants and activate their natural defence mechanisms under stress conditions. Thanks to its advanced formulation, **FunStop** ensures high adhesion and uniform distribution on treated surfaces, quickly covering the external tissues of the plant and reducing the available surface for pathogens (such as the causal agents of powdery mildew, scab, rice blast, etc.). Moreover, potassium (K) is an essential nutrient involved in numerous fundamental metabolic processes, including photosynthesis, protein and pigment synthesis, stomatal opening, and sugar transport. Its high concentration promotes increased cell turgor, greater sugar accumulation in fruits, and strengthens the leaf epidermis, improving its mechanical resistance. The microelements (Mn, Zn) present in the product are essential for the plant (photosynthesis, chlorophyll synthesis, amino acids and proteins, phytohormone regulation), and being readily assimilable, they promote growth, development, and resistance to biotic and abiotic stress. The formulation is further enhanced by the presence of silicon (SiO_2), which interacts synergistically with the other elements, contributing to the mechanical reinforcement of the leaf epidermis through the deposition of opaline concretions, creating a further physical barrier that hinders pathogen attacks.

Composition	
Water-soluble potassium oxide (K_2O)	39.0%
Total zinc (Zn)	0.5%
Total manganese (Mn)	0.5%
Silicon (SiO_2)	0.1%

Raw materials: potassium carbonates and sulphates, zinc oxide and manganese salt

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE g/hl*
Fruit trees	From the vegetative restart phase to the end of the cycle	400-500
Pome fruits crops	Application every 8-10 days (max 8 treatments)	400-500
Horticultural crops	From the transplant phase to the end of the cycle	400-500
Industrial crops	From the transplant phase to the end of the cycle	400-500

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble powder	1-2.5-5 kg	~ 8.3	~ 73.8 dS/m

FOLIAR APPLICATION
PHYTOFORTIFIER



FunStop Special Z

PHYTOFORTIFIER
For uniform vegetative recovery even in stress conditions

Stimulates uniform sprouting, flowering, and fruit development

Promotes vegetative recovery even under stress conditions

Increases nutrient availability with **ALGENFOUR SCE®** technology

Characteristics

FunStop Special Z is a plant strengthener that combines the action of sulfur with natural plant extracts and brown algae (*Ascophyllum* spp., *Laminaria* spp., *Fucus* spp., and *Macrocystis* spp.). These extracts are obtained using **ALGENFOUR SCE®** (Super Cold Extraction) technology, a supercritical low-temperature extraction process that preserves the integrity of the natural active ingredients, ensuring high concentration. Sulfur is an essential nutrient for plants, as it is a component of proteins and sulfur-containing amino acids, but it also plays a key role in biochemical processes that promote dormancy interruption and the resumption of vegetative growth. It participates in the synthesis of glutathione, phytohormones, and ferredoxin, contributing to the detoxification of free radicals and the mobilization of sugars. This element, highly micronized in the formulation, works synergistically with bioactive molecules (auxins, gibberellins, cytokinins) present in algal extracts to stimulate vegetative growth and promote uniform budding, flowering, and fruit development. Additionally, the presence of natural polysaccharides and betaines provides the right support to overcome environmental stress while improving nutrient assimilation and availability.

Composition	w/w*	w/v
Total nitrogen (N)	1.5%	2.2%
Organic nitrogen (N)	1.5%	2.2%
Total sulphur	31.0 %	45.0%
Organic carbon (C)	10.0%	14.5%
Organic matter with nominal molecular weight <50kDa	35.0 %	50.7%

Raw materials: brown algae, plant extracts, elemental sulphur.
*Equivalent to w/v at 20°C.

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE*
Fruit trees	During the entire growth cycle (before vegetative regrowth: 25-30 l/ha)	250-400 ml/hl
Horticultural crops	During the entire growth cycle	250-400 ml/hl
Industrial crops	During the entire growth cycle	250-400 ml/hl
Cereals	During the stem elongation phase	4-10 l/ha

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Liquid suspension	1-5-10-20 l	~ 1450 kg/m³	~ 8.0	~ 37.1 dS/m

FOLIAR APPLICATION · PHYTOFORTIFIER · BIO · BIO

ALGENFOUR SCE®



NemaOil

PHYTOFORTIFIER
A healthy root requires the best ally

Strengthens the root by stimulating the thickening of its cortical tissue

Promotes the recovery of root growth following stress condition

Stimulates the plant's natural defence

Characteristics

NemaOil is a product based on oils and plant extracts that actively promotes the recovery of plants subjected to root system stress. Indeed, it is able to promote significant rooting and consequently the plant is able to heal tissues damaged, for example, by nematodes. This result is possible thanks to the synergic action of oils and extracts of plant origin that support the plant's natural physiology over time. Moreover, thanks to its special composition and the way its natural components are extracted using exclusive **PLANTEX SC®** technology, the product activates the plant's natural defence system against pathogens in the root system.

Composition	
Vegetable oils (treated in alkaline solution)	60%

Doses and Instructions

CROPS	FERTIGATION APPLICATION	DOSE l/ha*
Horticultural crops	From the early stage of growth - Repeat treatment every 10 - 14 day	15 - 25
Fruit trees	From the early stage of growth - Repeat treatment every 10 - 14 day	15 - 25
Ornamental crops	From the early stage of growth - Repeat treatment every 10 - 14 day	15 - 25
Industrial crops	From the early stage of growth - Repeat treatment every 10 - 14 day	15 - 25
Table and wine grapes	From the early stage of growth - Repeat treatment every 10 - 14 day	15 - 25

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	1-5-10-20 l	~ 990 kg/m³	~ 10.5	~ 36.0 dS/m

FERTIGATION APPLICATION · PHYTOFORTIFIER · BIO · BIO

PLANTEX SC®



Silicium Plus

PHYTOFORTIFIER
That enhances the plant's natural defences

Activates the natural defence mechanisms of crops

Supports the plant under biotic and abiotic stress conditions

Promotes calcium uptake and reduces water loss in the plant

Characteristics

Silicium Plus is a phytofortifier based on silicon (Si) and potassium (K) that reinforces the mechanical strength of the leaf epidermis and activates the natural defence mechanisms of crops under biotic and abiotic stress conditions, while improving production quality. Silicon (Si) is present in a biologically active form as orthosilicic acid (H_4SiO_4), stabilized with humic substances, carbohydrates, and amino acids, which facilitate its uptake and enhance its effectiveness. Once absorbed, it accumulates in the superficial layers of plant tissues, providing strength and flexibility, and reducing water loss inside the plant. This helps support the plant during water and salt stress by regulating transpiration and mitigating the negative effects of salts and heavy metals. Moreover, its presence in plant tissues improves fruit consistency, enhancing quality and shelf life, also thanks to its ability to promote calcium (Ca) uptake. Additionally, the formation of opaline deposits creates a physical barrier that hinders pathogen penetration and reduces the water available for their development. Potassium (K), also present in the product, promotes cell turgor, increases sugar accumulation in fruits, and further reinforces the mechanical strength of the leaf epidermis.

Composition	w/w*	w/v
Water-soluble potassium oxide (K_2O)	10.0%	12.9
Orthosilicic acid (H_4SiO_4) in solution with humic substances, carbohydrates, amino acids **	45.0%	58%

Raw materials: potassium salts, humic extracts. **Data not present on the label.
*Equivalent to w/v at 20°C.

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE ml/hl*
Fruit trees	From the vegetative restart phase to harvest	50-80
Horticultural crops	From the transplant stage and throughout the growth cycle	50-80
Ornamental crops	From the transplant stage and throughout the growth cycle	50-80
Industrial crops	From the transplant stage and throughout the growth cycle	50-80

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	1-5-10-20 l	~ 1292 kg/m³	~ 12.6	~ 50.1 dS/m

PHYTOFORTIFIER
FOLIAR APPLICATION



Wilder

PHYTOFORTIFIER
Based on fluid blood

Provides organic nitrogen, carbon and amino acids with high bioavailability

Promotes balanced vegetative growth

Acts as a natural repellent for wildlife

Characteristics

Wilder is a fluid organic nitrogen fertiliser obtained from thermally hydrolysed blood, rich in organic nitrogen, carbon and amino acids with high bioavailability. It promotes balanced vegetative growth, improves plant colour and vigour, stimulates photosynthetic activity and supports development at crucial stages of the crop cycle. The presence of organic iron helps prevent chlorosis and nutritional deficiencies, while carbon supports the microbiological vitality of the soil. Thanks to the characteristic odour of the organic matter, the product acts as a natural deterrent to wildlife, creating an olfactory barrier that is unwelcome to ungulates and birds. Regular use helps to reduce damage caused by animals in vineyards, olive groves, orchards and vegetable gardens, especially in areas close to woods or areas with high wildlife pressure. Can be used for both foliar nutritional applications and as a perimeter treatment.

Composition	w/w*	w/v
Total nitrogen (N)	4.0%	4.5%
Organic nitrogen (N) soluble	3.7%	4.2%
Organic carbon (C)	14.0%	15.7%

Raw materials: fluid blood
*Equivalent to w/v at 20°C.

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE ml/hl*
Fruit trees	During fruit enlargement	250-400
Ornamental crops	In early development stages	250-400
Horticultural crops	During the entire vegetative cycle	250-400
Industrial crops	During the entire vegetative cycle	250-400
CROPS	**FERTIGATION APPLICATION**	**DOSE l/ha***
Fruit trees	From the vegetative restart phase to the end of the cycle	15-20
Ornamental crops	From the vegetative recovery/post-transplant phase and throughout the cycle	15-20
Horticultural crops	After transplanting and throughout the growth phase	15-20
Industrial crops	From the vegetative recovery/post-transplant phase and throughout the cycle	15-20
Ungulates and birds	Distribution along the perimeter of the agricultural area to be protected	15-20

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	5-10-20-1000 l	~ 1125 kg/m³	~ 7	~ 73.8 dS/m

PHYTOFORTIFIER
FOLIAR APPLICATION
FERTIGATION APPLICATION
BIO
BIO

Microorganisms

Mico-Pro
Mico-Shield
Micro-Power
N-Evolution
Organ-Seed

The **Microorganisms** line is the result of intensive research carried out in collaboration with universities and research centres around the world. It comprises an advanced range of formulations based on fungi, bacteria and yeasts, designed to restore the soil's biological vitality and support more sustainable agriculture. These solutions have been created to counteract **soil fatigue**, often caused by decades of chemical fertilisation and the continuous replanting of the same species. By reintegrating the natural microbial population, Organazoto products help to restore the soil's biological balance, improving its structure, fertility and functionality. Over the years, Organazoto has selected and registered numerous strains within an **international microbial collection**, isolated in collaboration with scientific partners and subsequently integrated into patented consortia. The result is a highly specialised range, designed to guarantee agronomic efficacy and consistent performance using the technologies of registered microbial consortia:

MICO-SET®

based on an advanced consortium of yeasts, bacteria and fungi that work synergistically in the rhizosphere. It includes beneficial bacteria such as *Azotobacter chroococcum* OG15342, *Azospirillum brasilense* OG19325, *Bacillus subtilis O*G39365, *Bacillus pumilus* OG69589, *Bacillus velezensis* OG58369 and *Bacillus polymyxa* OG22596, mycorrhizae of the genus *Glomus* spp. and fungi such as *Trichoderma harzianum* OG99566. The products that incorporate this technology promote a more efficient root system, enhance tolerance to biotic and abiotic stresses and improve the uptake of key nutrients, particularly nitrogen, phosphorus and potassium.

MICROTEAM®

designed to stimulate photosynthetic activity and optimise plant nutrition, helping to reduce dependence on nitrogen fertilisers. The consortium promotes the asymbiotic fixation of atmospheric nitrogen through the action of nitrogen-fixing bacteria. It comprises selected strains of *Azotobacter chroococcum* OG15342, *Azospirillum brasilense* OG19325, *Bacillus subtilis* OG39365, *Bacillus velezensis* OG58369 and *Bacillus amyloliquefaciens* OG33450, together with mycorrhizae of the genus *Glomus* spp. and *Trichoderma harzianum* OG99566.



Mico-Pro

MICROORGANISMS
For more resistant and productive crops

TWIN PACK

Supports plant health even under biotic stress conditions

Stimulates plant growth, promoting higher production

Provides microorganisms that optimize the metabolic processes of plants

Characteristics

Mico-Pro is a microorganism-based product that, thanks to the innovative **MICO-SET®** technology, provides a targeted selection of beneficial microbial strains capable of acting synergistically to promote plant well-being and growth, even under stress conditions. In particular, the presence of various species of the *Bacillus* genus (*B. subtilis* OG39365*, *B. amyloliquefaciens* OG33450*, *B. pumilus* OG69589*, *B. velezensis* OG58369*, *B. megaterium* OG96536*) as well as *Trichoderma harzianum* OG99566* promotes the production of phytohormones, such as auxins, which stimulate root growth and improve the overall vegetative development of the plant. Furthermore, the *Bacillus* bacteria present in the consortium are particularly effective in optimizing the absorption of essential nutrients such as nitrogen, phosphorus, and potassium, enhancing the plant's nutritional efficiency. The **MICO-SET®** microbial consortium has, among other effects, the ability to hinder the development of harmful microorganisms, through the production of siderophores and bioactive molecules, and to induce the plant's systemic resistance (ISR/SAR), strengthening crop defences against biotic stress. Finally, thanks to the **TWIN PACK** formulation, the product's packaging includes a separate container for *Trichoderma harzianum* OG99566* to avoid unwanted competition with other microorganisms, which could reduce their effective concentration in the composition and, consequently, the product's effectiveness in the field.

Composition	w/w (UFC/g)	w/v (UFC/ml)
Mycorrhizae (*Glomus* spp.)	30%	36%
Bacillus amyloliquefaciens OG33450*	1.67 x 10^6	2.00 x 10^6
Bacillus velezensis OG58369*	8.33 x 10^7	1.00 x 10^8
Trichoderma harzianum OG99566*	8.33 x 10^6	1.00 x 10^7
Bacillus subtilis OG39365*	8.33 x 10^7	1.00 x 10^8
Bacillus pumilus OG69589*	1.67 x 10^6	2.00 x 10^6
Bacillus megaterium OG96536*	1.67 x 10^6	2.00x 10^6

Raw materials: inoculum of endomycorrhizal fungi on sorghum roots, rhizospheric bacteria, non-composted simple vegetable soil improver.
*Exclusive strain isolated and deposited by Organazoto in an international microbial collection.

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE ml/hl*
Horticultural crops	From the vegetative recovery stage or transplanting to harvest	150 - 200
Fruit trees	From the vegetative growth stage to harvest	150 - 200
Ornamental crops	During the entire vegetative cycle	150 - 200
Industrial crops	From the vegetative recovery stage or transplanting to harvest	150 - 200

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	1-5 l	~ 1200 kg/m^3	~ 4	~ 1.8 dS/m

FOLIAR APPLICATION · MICROORGANISMS · BIO · BIO

MICO-SET®



Mico-Shield

MICROORGANISMS
Reduces transplant stress, improves soil microbiome, and enhances plant growth and productivity

TWIN PACK

Supports the colonization of beneficial microorganisms on the root and in the rhizosphere

Promotes better root development, reducing transplant stress

Induces vigorous root development

Characteristics

Mico-Shield is a product based on beneficial microorganisms, designed to promote plant establishment and ensure optimal nutrient absorption even under stress conditions, such as post-transplant. Thanks to **MICO-SET**® technology, which includes a targeted selection of microbial strains of the *Bacillus* genus (B. *subtilis* OG39365*, *B. pumilus* OG69589*, *B. velezensis* OG58369*), mycorrhizal fungi (*Glomus* spp.), and *Trichoderma harzianum* OG99566*, the product improves root system efficiency, increasing the volume explored by the roots and enhancing the plant's resistance to biotic and abiotic stresses. Indeed, thanks to the production of bioactive molecules, the microorganisms present in the product support the development of the plant by activating its natural endogenous defence system, and through their rapid colonization of the soil, they hinder the development of harmful microorganisms. Moreover, the microorganisms present help improve the biodiversity of the rhizosphere microbiome, stimulate the production of natural phytohormones, and optimize the absorption of nitrogen, phosphorus, and iron, thereby supporting rooting and vegetative development. The nitrogen-fixing bacteria *Azotobacter chroococcum* OG15342* and *Azospirillum brasilense* OG19325* fix atmospheric nitrogen asymbiotically, making it available to the plant, and transform phosphorus from insoluble to easily assimilable forms, thus enhancing nutritional intake. Finally, thanks to the **TWIN PACK** formulation, the product packaging includes a separate container for *Trichoderma harzianum* OG99566*, in order to avoid unwanted competition with the other microorganisms, which could reduce their effective concentration in the composition and, consequently, the product's field efficacy.

Composition	w/w (UFC/g)	w/v (UFC/ml)
Mycorrhizae (*Glomus* spp.)	15%	18%
Azotobacter chroococcum OG15342*	4.17 x 10^8	5.00 x 10^8
Azospirillum brasilense OG19325*	1.00 x 10^7	1.00 x 10^7
Trichoderma harzianum OG99566*	8.33 x 10^7	1.00 x 10^8
Bacillus subtilis OG39365*	1.67 x 10^8	2.00 x 10^8
Bacillus pumilus OG69589*	1.67 x 10^8	2.00 x 10^8
Bacillus velezensis OG58369*	4.17 x 10^8	5.00 x 10^8

Raw materials: inoculum of endomycorrhizal fungi on sorghum roots, rhizospheric bacteria, non-composted simple vegetable soil improver.
*Exclusive strain isolated and deposited by Organazoto in an international microbial collection.

Doses and Instructions

CROPS	FERTIGATION APPLICATION	DOSE l/ha*
Horticultural crops	From the vegetative recovery stage or transplanting to harvest	2.5 - 5
Fruit trees	From the vegetative growth stage to harvest	2.5 - 5
Ornamental crops	During the entire vegetative cycle	2.5 - 5
Industrial crops	From the vegetative recovery stage or transplanting to harvest	2.5 - 5

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	1-5 l	~ 1200 kg/m^3	~ 4	~ 1.8 dS/m

FERTIGATION APPLICATION · MICROORGANISMS · BIO · BIO

MICO-SET



Micro-Power

MICROORGANISMS
For stronger and healthier roots

Optimizes the photosynthetic process

Promotes better root development

Supports increased biomass production

Characteristics

Micro-Power is a product formulated to promote the development of a vigorous and functional root system capable of optimizing water and nutrient absorption, leading to increased production. Thanks to the exclusive **MICO-SET**® technology, characterized by a consortium of beneficial microorganisms, including rhizospheric bacteria and mycorrhizal fungi, the product actively stimulates root growth and creates a favourable environment for the plant by increasing nutrient availability and improving resistance to biotic stress. In particular, the exclusive microbial consortium promotes the release of natural phytohormones that regulate growth, stimulating the formation of more extensive roots with a higher number of root hairs. Moreover, the strains of *Bacillus polymyxa* OG22596*, *Bacillus pumilus* OG69589*, and *Bacillus velezensis* OG58369* not only support plant growth but also make nitrogen and phosphorus available for absorption. Additionally, they stimulate the production of secondary metabolites such as lipopeptides, enzymes, and siderophores, which enhance the plant's natural resistance, preventing the development of harmful microorganisms and improving overall plant health. Nitrogen-fixing microorganisms, *Azotobacter chroococcum* OG15342* and *Azospirillum brasilense* OG19325*, fix atmospheric nitrogen asymbiotically, making it available to the plant, and transform phosphorus from insoluble forms into easily assimilable forms, thus contributing to optimal nutrition.

Composition	w/w (UFC/g)	w/v (UFC/ml)
Mycorrhizae (*Glomus* spp.)	10%	12%
Azotobacter chroococcum OG15342*	1.67 x 10^7	2.00 x 10^7
Azospirillum brasilense OG19325*	8.33 x 10^7	1.00 x 10^8
Bacillus polymyxa OG22596*	2.50 x 10^7	3.00 x 10^7
Bacillus pumilus OG69589*	8.33x 10^7	1.00 x 10^8
Bacillus velezensis OG58369*	8.33 x 10^7	1.00 x 10^8

Raw materials: inoculum of endomycorrhizal fungi on sorghum roots, rhizospheric bacteria, Non-composted simple vegetable soil improver.
*Exclusive strain isolated and deposited by Organazoto in an international microbial collection.

Doses and Instructions

CROPS	FERTIGATION APPLICATION	DOSE*
Horticultural crops	From the early development stages to the plant's thickening	3-5 l/ha
Fruit trees - Production facilities - New installations	- From the restart of vegetative growth to the swelling of the fruit - After transplanting	3-5 l/ha
Soil and peat moss	Mixed	0.5 l/m^3 of substrate
In the nursery	By using the boom sprayer	0.5–1 l/1000 m^2

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	1-5 l	~ 1200 kg/m^3	~ 4	~ 1.8 dS/m

FERTIGATION APPLICATION · MICROORGANISMS · BIO · BIO

MICO-SET



N-Evolution

MICROORGANISMS
The power of microorganisms to feed the plant with atmospheric nitrogen

TWIN PACK

Optimizes nitrogen absorption thanks to nitrogen-fixing microorganisms

Boosts crop yield even under stress conditions

Stimulates the plant's photosynthetic activity, health, and growth

Characteristics

N-Evolution is a product based on a microbial consortium designed to stimulate photosynthetic activity and optimize nitrogen nutrition in plants, reducing the need for nitrogen fertilizers. Thanks to **MICRO TEAM**® technology, the product combines a targeted selection of nitrogen-fixing bacteria, including *Azotobacter chroococcum* OG15342* and *Azospirillum brasilense* OG19325*, microbial strains of the *Bacillus* genus (*B. subtilis* OG39365*, *Bacillus amyloliquefaciens* OG33450*, *B. velezensis* OG58369*), mycorrhizal fungi (*Glomus* spp.), and *Trichoderma harzianum* OG99566*. The nitrogen-fixing bacteria fix atmospheric nitrogen asymbiotically, converting it into ammonium, which is then supplied to plant cells to synthesize essential nucleic acids and proteins. Additionally, these bacteria can solubilize phosphorus, transforming it into easily assimilable forms, thus helping to optimize nutritional uptake. The presence of mycorrhizal fungi of the *Glomus* spp. genus and *Bacillus* strains enhance this effect as they promote nutrient absorption (nitrogen, phosphorus, micronutrients). The microbial consortium in **N-Evolution** also supports the overall health of the plant, as it quickly colonizes the roots and soil, limiting the development of pathogens and boosting the plant's defence system, thereby increasing its resistance to diseases. Finally, thanks to the **TWIN PACK** formulation, the product's packaging includes a separate container for Trichoderma *harzianum* OG99566* to prevent unwanted competition with other microorganisms, which could reduce their effective concentration in the composition and, consequently, the product's effectiveness in the field.

Composition	w/w (UFC/g)	w/v (UFC/ml)
Mycorrhizae (*Glomus* spp.)	30%	36%
Azotobacter chroococcum OG15342*	4.07 x 10^8	5.00 x 10^8
Azospirillum brasilense OG19325*	1.00 x 10^8	1.00 x 10^8
Bacillus subtilis OG39365*	1.67 x 10^8	2.00 x 10^8
Bacillus amyloliquefaciens OG33450*	1.67 x 10^8	2.00 x 10^8
Bacillus velezensis OG58369*	4.17 x 10^8	5.00 x 10^8
Trichoderma harzianum OG99566*	8.33 x 10^7	1.00 x 10^8

Raw materials: inoculum of endomycorrhizal fungi on sorghum roots, rhizospheric bacteria, Non-composted simple vegetable soil improver.
*Exclusive strain isolated and deposited by Organazoto in an international microbial collection.

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE l/ha*
Horticultural crops	During the growth phase	0.5-1
Fruit trees	During the growth phase	0.5-1
Industrial crops	During the entire vegetative cycle	0.5-1
Cereals	Between the end of the tillering phase and the beginning of stem elongation	0.5-1

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	1-5 l	~ 1200 kg/m^3	~ 4	~ 1.8 dS/m

FOLIAR APPLICATION · MICROORGANISMS · BIO

MICRO TEAM



Organ-Seed

MICROORGANISMS
For a stronger and healthier plant starting from the seed

Enhances germination and stress resistance

Promotes root system development and increases yield and production quality

Contributes to biological nitrogen fixation and improves the supply of phosphorus and other nutrients

Characteristics

Organ-Seed is a microbiological seed coating product designed to support plant development from the earliest stages of germination thanks to the exclusive **MICO-SET**® technology, based on a consortium of beneficial microorganisms, including rhizospheric bacteria and mycorrhizal fungi. The mycorrhizae in the formulation expand the root surface area, significantly increasing the absorption of water and nutrients. Nitrogen-fixing bacteria, such as *Azotobacter chroococcum* OG15342* and *Azospirillum brasilense* OG19325*, contribute to the symbiotic fixation of atmospheric nitrogen, making it available to the plant and stimulating early germination and growth. Moreover, they increase the availability of other nutrients, particularly phosphorus, by converting it from insoluble forms into forms that are easily assimilated by the plant, thus contributing to optimal nutrition. Strains of *Bacillus polymyxa* OG22596*, *Bacillus pumilus* OG69589*, and *Bacillus velezensis* OG58369* further support root and vegetative development through the production of natural phytohormones (auxins, gibberellins, cytokinins). These bacteria rapidly colonize the rhizosphere, exerting a competitive effect against pathogens, preventing their establishment and inducing the plant's endogenous defence system (ISR). **Organ-Seed** is therefore a valid alternative to traditional chemical seed coatings, as it enhances germination, stimulates initial growth, and supports plant development, with positive effects on yield and production quality. Thanks to its completely natural composition and ease of use, it represents a sustainable and residue-free solution, ideal for organic and integrated agriculture programs, adhering perfectly to the seed and coating it evenly including the natural blue-coloured tracer.

Composition	w/w (UFC/g)	w/v (UFC/ml)
Mycorrhizae (*Glomus* spp.)	10%	12%
Azotobacter chroococcum OG15342*	8.33 x 10^6	1.00 x 10^7
Azospirillum brasilense OG19325*	8.33 x 10^6	1.00 x 10^7
Bacillus pumilus OG69589 *	8.33 x 10^6	1.00 x 10^7
Bacillus polymyxa OG22596 *	8.33 x 10^6	1.00 x 10^7
Bacillus velezensis OG58369*	8.33 x 10^6	1.00 x 10^7

Raw materials: inoculum of endomycorrhizal fungi on sorghum roots, rhizospheric bacteria, non-composted simple vegetable soil improver.
*Exclusive strain isolated and deposited by Organazoto in an international microbial collection.

Doses and Instructions

CROPS	DOSE*
Cereals and legumes	Dilute 2.5-4 l of Organ-Seed in a maximum of 10 l of water for every 1000 kg of seed

*The product is ready to use and can be mixed directly with the seeds until a homogeneous distribution is obtained. The doses mentioned above are indicative and may vary based on the characteristics of the seed.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	1-5-20-1000 l	~ 1200 kg/m^3	~ 5.5	~ 0.1 dS/m

MICROORGANISMS · SEED SOAKING APPLICATION · BIO

MICO-SET

Meso & Microelements

BorMax 15
CalMag 12
Mag 15 MZ
Mixel
OrganFe 6%

Organazoto's **Meso & Microelements** range comprises a full line of formulations made from selected natural and mineral raw materials, designed to ensure a targeted and effective supply of nutrients. These solutions have been developed to address increasingly widespread issues in agricultural soils, such as a general decline in fertility, reduced mobility of certain nutrients, and deficiencies that can limit the physiological development of crops. A correct balance of **Meso & Microelements** is, in fact, essential to support the plant's metabolic processes and enable it to fully realise its productive potential. A distinctive feature of the range is the technology

MICRO CHEM®

based on the use of specific **phytoactivators** capable of promoting the absorption and availability of nutrients. This approach optimises nutritional efficiency, making the elements quicker to be used by the plant. The use of **Meso & Microelements** formulations results in real agronomic benefits:

- more balanced crop development thanks to balanced nutrition;
- improved crop quality;
- stronger, more vigorous plants that are more resilient to stress;
- greater nutritional efficiency throughout the entire growing cycle



BorMax 15

MESO & MICROELEMENTS
Boron for better flowering and optimal fruit set

Reduces the onset of physiological disorders related to boron deficiency

Promotes optimal and uniform flowering and fruit set

Facilitates the various vital processes of the plant

Characteristics

BorMax 15 is a new liquid fertilizer with a high concentration of boron (B), formulated to ensure maximum nutrient availability and assimilation thanks to the exclusive **MICRO CHEM®** technology, which uses specific physio-activators to promote rapid and effective absorption of micronutrients by the plant. Boron is known to be a low-mobility element, which can lead to nutritional deficiencies during critical physiological stages. In fact, it is a key nutrient in flowering and fruit-setting processes, playing an essential role in pollen viability, cell wall formation, and sugar metabolism, directly influencing flower fertility, fruit set and early fruit development. The use of **BorMax 15** helps to prevent and correct boron related disorders, even under unfavourable soil conditions (sandy or clayey soils, soils with pH values lower than 5.5 or higher than 7.5, soils with a low organic matter content and in drought conditions, washed out soils) optimizing the flowering and fruit setting processes, which are therefore abundant and homogeneous.

Composition	w/w*	w/v
Water-soluble boron (B)	11%	15.1%

Raw materials: boron ethanolamine.
*Equivalent to w/v at 20°C

Doses and Instructions

CROPS	Foliar application	DOSE ml/hl*
Fruit trees	From pre-flowering to fruit set	80-150
Horticultural crops	Throughout the entire crop cycle	80-150
Ornamental crops	Throughout the entire crop cycle	80-150
Industrial crops	Throughout the entire crop cycle	100-200

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	1-5-10-20 l	~ 1380 kg/m³	~ 8.2	~ 4.9 dS/m

FOLIAR APPLICATION
MESO & MICROELEMENTS
BIO BIO

MICRO CHEM®



CalMag 12

MESO & MICROELEMENTS
Provides more bioavailable calcium for your plants and extends shelf life

Reduces the onset of physiological disorders related to calcium and magnesium deficiency

Ensures rapid nutrient absorption

Enhances production quality and improves shelf life

Characteristics

CalMag 12 is a special liquid fertilizer based on calcium and magnesium, two essential elements for balanced plant growth and fruit quality. Thanks to the exclusive **MICRO CHEM**® technology, which utilizes specific phytoactivators, these mesoelements are complexed with plant-based matrices, readily available and rapidly absorbed by the plant, ensuring efficient nutrition in a short time. **CalMag 12** optimizes plant metabolism and the photosynthetic process, promoting a higher production of sugars and enhancing fruit quality (color, flavor, and size). The synergistic action of calcium and magnesium not only improves fruit and leafy vegetables structure and shelf-life, but it also ensures harmonious plant growth, preventing nutritional imbalances and reducing the risk of physiological disorders, thus making crops more resistant to environmental stresses.

Composition	w/w*	w/v
Water-soluble calcium oxide (CaO)	12%	15.0%
Water-soluble magnesium oxide (MgO)	3.0%	3.7%

Raw materials: soluble calcium and magnesium compounds, plant extracts.
*Equivalent to w/v at 20°C.

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE ml/hl*
Fruit trees	From fruit enlargement (stone fruits: 100-150 ml/hl)	200-250
Horticultural crops	From fruit enlargement	150-300
Industrial crops	Throughout the entire crop cycle	150-300
Ornamental crops	Throughout the entire crop cycle	100-150
CROPS	**FERTIGATION APPLICATION**	**DOSE l/ha***
Fruit trees	From fruit set to harvest	15-25
Horticultural crops	Starting from fruit set	15-25
Industrial crops	Starting from fruit set	15-25
Ornamental crops	Throughout the entire crop cycle	10-20

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	1-5-10-20 l	~ 1250 kg/m³	~ 7.1	~ 92.3 dS/m

FOLIAR APPLICATION · FERTIGATION APPLICATION · MESO & MICROELEMENTS

MICRO CHEM®



Mag 15 MZ

MESO & MICROELEMENTS
Magnesium and microelements to counter nutrient deficiency-related disorders

Provides highly assimilable magnesium and microelements

Reduces the onset of physiopathies caused by nutritional imbalances

Enhances the green colour of leaves and improves fruit colouring

Characteristics

Mag 15 MZ is a new fertilizer formulated to supply magnesium (Mg), sulphur (S), manganese (Mn), and zinc (Zn), essential elements for balanced crop nutrition. Thanks to the exclusive **MICRO CHEM**® technology, based on the use of selected physioactivators, the nutrients are absorbed quickly and efficiently, maximizing the agronomic effectiveness of the product. Magnesium, a key element in chlorophyll, is essential for photosynthesis and it helps intensify the green colour of leaves, improves fruit pigmentation, and promotes the assimilation and translocation of phosphorus (P) and potassium (K) to apical meristems and storage organs. Sulphur (S), a vital component of sulfur-containing amino acids and proteins, plays a central role in many biochemical processes, contributing to free radical detoxification, sugar mobilization, and increased protein content in the yield. Zinc and manganese are essential micronutrients for protein synthesis and photosynthesis. The application of **Mag 15 MZ** helps to prevent and counter symptoms of nutritional deficiency such as: interveinal, marginal, basal, or generalised chlorosis, stunted growth, dwarfism, lack of shoot elongation, leaf drop (phylloptosis), small or rosetted leaves, and leaf deformations.

Composition	
Water-soluble magnesium oxide (MgO)	15.0%
Total manganese (Mn)	0.7%
Water-soluble sulphur trioxide (SO_3)	30.0%
Total zinc (Zn)	0.7%

Raw materials: magnesium sulphate, manganese salt, zinc salt.

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE g/hl*
Fruit trees	From the vegetative restart to fruit setting	300-350
Horticultural crops	Throughout the entire crop cycle	250-300
Ornamentals and nurseries	From the beginning of the vegetative cycle and in phases that favor stress	150-250
Industrial crops	Throughout the entire growth cycle and in phases that favor stress	300-350
CROPS	**FERTIGATION APPLICATION**	**DOSE kg/ha***
Fruit trees	Throughout the entire crop cycle	50-60
Horticultural crops	Throughout the entire crop cycle	10-20
Ornamental crops	Throughout the entire crop cycle	12-17 kg/1000 m²

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	pH (sol. 6 %)	Conductivity (sol. 10 %)
Water-dispersible microgranules	10-25 kg	~ 6.0	~ 32.7 dS/m

FOLIAR APPLICATION · FERTIGATION APPLICATION · MESO & MICROELEMENTS · BIO

MICRO CHEM®



Mixel

MESO & MICROELEMENTS
Balanced complex of highly available microelements

Provides a balanced mix of highly available microelements

Prevents and counteracts symptoms of latent or evident nutritional deficiencies

Enhances vegetative growth and photosynthetic efficiency

Characteristics

Mixel is a fertilizer designed to provide a complete and balanced mix of essential micronutrients for plant nutrition: boron (B), copper (Cu), iron (Fe), manganese (Mn), molybdenum (Mo), and zinc (Zn). Thanks to the exclusive **MICRO CHEM**® technology, which uses selected physio-activators, the nutrients are highly available, rapidly absorbed, and translocated within the plant, supporting key physiological processes. Boron promotes pollination, fruit set, and fruit development. Copper, involved in photosynthesis and respiration, contributes to lignification and strengthens cell walls, with additional antioxidant and antimicrobial properties. Iron is essential for photosynthesis and cellular respiration, and being chelated with EDTA, it is in a highly bioavailable form. Manganese stimulates protein and phenolic synthesis by activating many key enzymes. Molybdenum is vital for nitrogen metabolism, favoring nitrate reduction. Zinc regulates shoot growth and development, playing a role in hormone and protein synthesis. These elements work synergistically to prevent and correct nutrient deficiency-related disorders, such as interveinal chlorosis, dwarfism, leaf curling, premature leaf drop, rosetting, short internodes, shoot deformation, apical necrosis, marbling, flower abortion, blossom-end rot, fruit cracking, delayed flowering and growth, nitrate accumulation, and reduced lignification.

Composition

Water-soluble boric acid	2.0%
Water-soluble manganese (Mn) sulphate	5.0%
Water-soluble iron (Fe)	3.5%
Iron (Fe) chelated with EDTA	3.5%
Water-soluble copper (Cu) sulphate	1.0 %
Water-soluble zinc (Zn) sulphate	5.0 %
Water-soluble sodium molybdate (Mo)	0.02 %

Raw materials: boric acid, copper salt (sulphate), iron chelate (EDTA), manganese salt (sulphate), sodium molybdate, zinc salt (sulphate).

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE g/hl*
Fruit trees	From the vegetative recovery stage or transplanting to harvest	100-200
Horticultural crops	From the vegetative growth stage to harvest	100-200
Ornamental crops	During the entire vegetative cycle	100-200
Industrial crops	From the vegetative recovery stage or transplanting to harvest	100-200
CROPS	**FERTIGATION APPLICATION**	**DOSE kg/ha***
All crops	During the entire vegetative cycle	1.5-4

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	pH (sol. 6 %)	Conductivity (sol. 10 %)
Water-dispersible microgranules	1-2.5-5-10 kg	~ 3.6	~ 43.8 dS/m

FOLIAR APPLICATION · FERTIGATION APPLICATION · MESO & MICROELEMENTS · BIO



OrganFe 6%

MESO & MICROELEMENTS
Prevents and treats iron chlorosis

Supports the plant by preventing and reducing the incidence of iron

Immediate and long-lasting greening effect thanks to its rapid absorption

High solubility, making it suitable for hydroponic cultivation as well

Characteristics

OrganFe 6% is a soluble iron chelate in microcrystalline form, chelated by the EDDHA molecule, and is the ideal solution for the prevention and treatment of iron chlorosis. It has a high concentration of EDDHA-chelated iron in the two isomeric forms, ortho-ortho and ortho-para, at 4.8% and 1.2% respectively. The ortho-ortho isomer has a long-term effect, regenerating chelating capacity—that is, protecting the iron from becoming insoluble and releasing the iron already naturally present in the soil. The ortho-para isomer, on the other hand, has a faster effect, providing the plant with the iron it needs in a timely manner. **OrganFe 6%** is recommended for resolving iron chlorosis issues under the most challenging conditions, particularly in calcareous and/or alkaline soils which exacerbate iron immobilisation.

Composition

Water-soluble iron (Fe)	6.0%
Total iron (Fe) chelated by authorised chelating agents	6.0%
Iron (Fe) chelated with [o.o.] EDDHA	4.8%
Iron (Fe) chelated with [o.p.] EDDHA	1.2%

Active ingredients: iron chelate (EDDHA)
Chelating agents: [o.o.] EDDHA and [o.p.] EDDHA
pH range ensuring good stability of the chelated fraction: 2–11

Doses and Instructions

CROPS	FERTIGATION APPLICATION	DOSE kg/ha*
Fruit trees	During the entire vegetative cycle	20-30
Horticultural crops	During the entire vegetative cycle	20-30
Ornamental crops	During the entire vegetative cycle	20-30
Industrial crops	During the entire vegetative cycle	20-30

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	pH (sol. 1 %)	Conductivity (sol. 10 %)
Water-dispersible microgranules	1-5 kg	~ 8.5	~ 0.5 mS/cm

FERTIGATION APPLICATION · MESO & MICROELEMENTS · BIO

Fertigators

CarniPlus 700
CarniPlus 800
CarVeg
K-30
P-54
UmiOrga
VegPlus

Organazoto's **Fertigators** line has been developed to support the plant throughout its entire growth and production cycle, providing a timely response to its nutritional needs at each stage of growth.
The formulations are made from selected raw materials containing **nitrogen (N)**, **phosphorus (P)** and **potassium (K)**, often enriched with a valuable amino acid fraction of animal and plant origin. This component plays a key role: it acts as a chelating agent for the mineral fraction, promoting a gradual release of nutrients and improving their utilisation efficiency by the plant.

In addition to providing direct nutritional support, Organazoto Fertigators **help to improve the soil's biodynamic balance**, enhancing its chemical and physical properties and stimulating the activity of beneficial microflora. The result is a more dynamic and fertile root environment, capable of supporting healthier and higher-yielding crops.

Using this range delivers tangible agronomic benefits:
- consistent and balanced nutrition throughout the entire growing cycle;
- greater efficiency in the uptake of mineral elements;
- improved biological soil fertility;
- more balanced, productive and resilient plants



CarniPlus 700

FERTIGATOR
With a high content of free L-amino acids

Provides highly assimilable free L-amino acids

Improves soil fertility and enhances root absorption and nutrient translocation

Stimulates nitrogen metabolism and increases its efficiency

Characteristics

CarniPlus 700 is a highly soluble liquid organic nitrogen fertilizer, obtained exclusively from organic matter of animal origin. The product contains a high concentration of organic nitrogen and free amino acids entirely in the levogyrate (L-form), which is biologically active and rapidly assimilated by crops. Its rich supply of essential amino acids supports protein synthesis and the formation of new plant tissues, proving particularly effective during all phenological stages in which the plant requires targeted nutritional support. **CarniPlus 700** promotes vegetative and root development, enhances the growth of fruits and vegetables, and optimizes the uptake of macro- and micronutrients. It also helps accelerate plant recovery after abiotic stress (thermal, water, or saline), improving overall crop resilience. Thanks to its high content of biologically active organic carbon, it also improves soil structure and fertility, reduces salinity, and stimulates beneficial microflora, contributing to a healthier and more balanced rhizosphere microbiome.

Composition	w/w*	w/v
Total Organic nitrogen (N)	7.0%	8.7%
Organic carbon (C)	25.0%	31.2%
Organic nitrogen (N) soluble	7.0%	8.7%

Raw materials: fleshings fluid in suspension.
*Equivalent to w/v at 20°C.

Doses and Instructions

CROPS	FERTIGATION APPLICATION	DOSE l/ha*
Fruit trees	From vegetative recovery and during the entire vegetative cycle	15-25
Horticultural crops	From the vegetative recovery/post-transplant phase and throughout the cycle	15-25
Ornamental crops	From vegetative recovery and throughout the cycle	15-25
Industrial crops	From the vegetative recovery/post-transplant phase and throughout the cycle	15-25

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	5-10-20-1000 l	~ 1250 kg/m³	~ 6.5	~ 25.0 dS/m

FERTIGATION APPLICATION
FERTIGATORS
BIO
BIO



CarniPlus 800

FERTIGATOR
With a high content of free L-amino acids

Provides highly assimilable free L-amino acids

Improves soil fertility and enhances root absorption and nutrient translocation

Stimulates nitrogen metabolism and increases its efficiency

Characteristics

CarniPlus 800 is a highly soluble liquid organic nitrogen fertilizer, obtained exclusively from organic matter of animal origin. The product contains a high concentration of organic nitrogen and free amino acids entirely in the levogyrate (L-form), which is biologically active and rapidly assimilated by crops. Its rich supply of essential amino acids supports protein synthesis and the formation of new plant tissues, proving particularly effective during all phenological stages in which the plant requires targeted nutritional support. **CarniPlus 800** promotes vegetative and root development, enhances the growth of fruits and vegetables, and optimizes the uptake of macro- and micronutrients. It also helps accelerate plant recovery after abiotic stress (thermal, water, or saline), improving overall crop resilience. Thanks to its high content of biologically active organic carbon, it also improves soil structure and fertility, reduces salinity, and stimulates beneficial microflora, contributing to a healthier and more balanced rhizosphere microbiome.

Composition	w/w*	w/v
Total organic nitrogen (N)	8.0%	10.4%
Organic carbon (C)	26.0%	33.8%
Organic nitrogen (N) soluble	8.0%	10.4%

Raw materials: hydrolyzed animal epithelium.
*Equivalent to w/v at 20°C.

Doses and Instructions

CROPS	FERTIGATION APPLICATION	DOSE l/ha*
Fruit trees	From vegetative recovery and during the entire vegetative cycle	15-25
Horticultural crops	From the vegetative recovery/post-transplant phase and throughout the cycle	15-25
Ornamental crops	From vegetative recovery and throughout the cycle	15-25
Industrial crops	From the vegetative recovery/post-transplant phase and throughout the cycle	15-25

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	5-10-20-1000 l	~ 1300 kg/m³	~ 6.7	~ 15.0 dS/m

FERTIGATION APPLICATION
FERTIGATORS
BIO



CarVeg

FERTIGATOR
That provides nitrogen, potassium and biological carbon

Promotes vegetative growth and root system development

Improves soil structure and restores its fertility

Provides amino acids and proteins derived from organic matter of animal and plant origin

Characteristics

CarVeg is a highly soluble liquid organic nitrogen fertilizer, based on amino acids and proteins derived from organic matter of both animal and plant origin. This formulation is especially suitable for poor and heavily exploited soils with low fertility. Thanks to its content of high-quality proteins and highly bioavailable amino acids, it provides energy to support the plant during vegetative phases and helps stimulate its metabolism, ensuring greater efficiency in the absorption of water and nutrients present in the soil solution. The product also promotes root system development and improves tolerance to abiotic stress (temperature, water, and salinity). The organic nitrogen is gradually released, matching the plant's needs and reducing nutrient losses. Potassium, being water-soluble and readily available, contributes to better fruit quality and resistance to water stress. Organic carbon, derived from selected biological matter, supports microbial activity and improves soil structure, contributing to the restoration of its fertility.

Composition	w/w*	w/v
Total nitrogen (N)	5.0%	6.5%
Water-soluble potassium oxide (K_2O)	4.0%	5.2%
Organic nitrogen (N)	5.0%	6.5%
Organic carbon (C)	18.0%	23.4%

Raw materials: hydrolyzed animal epithelium, vinasse extracts.
*Equivalent to w/v at 20°C.

Doses and Instructions

CROPS	FERTIGATION APPLICATION	DOSE l/ha*
Fruit trees	From the beginning of the vegetative stage to fruit enlargement	15-25
Horticultural crops	From the beginning of the vegetative stage to fruit enlargement	15-25
Ornamental crops	During the initial vegetative phase	15-25
Industrial crops	From the beginning of the vegetative stage to fruit enlargement	15-25

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	1-5-10-20 l	~ 1300 kg/m³	~ 6.9	~ 29.5 dS/m

FERTIGATION APPLICATION
FERTIGATORS
BIO



K-30

FERTIGATOR
That provides readily available potassium

Enhances fruit quality and uniform ripening, and reduces vegetative excesses

Improves transpiration and water management of the plant under stress conditions

Promotes healthy, compact and shiny foliage free from contaminations

Characteristics

K-30 is a formulation based on potassium oxide (K_2O) designed for application via fertigation and foliar spray to promote fruit growth and uniform ripening, enhance the plant's resistance to environmental stress (drought, temperature fluctuations, and water excess) acting on stomatal opening, and reduce vegetative excesses. Potassium plays a fundamental role in several physiological processes in the plant, in fact, it participates in the activation of chlorophyll photosynthesis and protein synthesis, optimizing the biochemical mechanisms responsible for vegetative growth and reproductive development. Moreover, it stimulates the synthesis and accumulation of sugars in fruits, leading to high-quality ripening. Foliar application of **K-30** visibly improves the aesthetic quality of vegetation: it prevents natural surface contamination such as honeydew and sooty mold, and promotes healthy, compact, and shiny foliage, keeping leaves clean and functional.

Composition	w/w*	w/v
Water-soluble potassium oxide (K_2O)	30.0%	38.4%

*Equivalent to w/v at 20°C.

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE ml/hl*
Fruit trees	After flowering until ripening	150-200
Horticultural crops	From fruit enlargement to ripening	150-200
Ornamental crops	At the end of the crop cycle	100-150
Industrial crops	From fruit enlargement to ripening	100-200
CROPS	**FERTIGATION APPLICATION**	**DOSE l/ha***
Fruit trees	From already formed fruit to harvest (2–3 applications)	15-25
Horticultural crops	During already formed fruit enlargement until ripening (3–4 applications)	15-25
Ornamental crops	During the vegetative phase	8-10
Industrial crops	At the end of the productive cycle	15-25

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	5-10-20-1000 l	~ 1280 kg/m³	~ 13.6	~ 247.0 dS/m

FOLIAR APPLICATION
FERTIGATION APPLICATION
FERTIGATORS



P-54

FERTIGATOR
That provides readily available phosphorus

Promotes tissues growth and development, contributing to their structural integrity

Improves nutrients solubilization and uptake thanks to the acidifying action

Supports root development of crops, and stimulates flowering and fruit setting

Characteristics

P-54 is a formulation based on phosphorus pentoxide (P_2O_5), designed to ensure rapid and efficient phosphorus uptake by the plant, contributing to nutritional efficiency and balanced crop development. Phosphorus is an essential element for plants, as it is involved in key metabolic reactions such as photosynthesis, cellular respiration, and the mobilization of sugars and photosynthates from source organs (leaves) to storage organs (fruits, tubers, seeds). In addition, being a key component of nucleic acids (DNA and RNA) and phospholipids, phosphorus actively supports the growth and development of plant tissues, contributing to the structural and functional integrity of cells. **P-54** promotes the development of a robust and branched root system, improving the plant's ability to absorb water and nutrients. It also stimulates flowering and fruit set, positively influencing the quantity and quality of production, and enhances resistance to environmental stress (cold and drought), by supporting a better energy balance and promoting tissue lignification. Due to its acidic formulation, **P-54** is particularly recommended for alkaline or calcareous soils, where it helps to locally lower the pH, improving the solubilization and absorption of micronutrients often blocked in such conditions (e.g., iron, zinc, manganese).

Composition	w/w*	w/v
Phosphorus pentoxide (P_2O_5) from orthophosphoric acid	54.0%	81.0%

*Equivalent to w/v at 20°C.

Doses and Instructions

CROPS	FERTIGATION APPLICATION	DOSE l/ha*
Fruit trees	From the vegetative recovery phase until fruit ripening	10-20
Horticultural crops	From the early stages of cultivation and during growth	10-20
Ornamental crops	From the early stages of cultivation and during growth	10-20
Industrial crops	From the early stages of cultivation and during growth	10-20

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	20-1000 l	~ 1500 kg/m³	~ 0.9	~ 231.0 dS/m

FERTIGATION APPLICATION
FERTIGATORS



UmiOrga

FERTIGATOR
That provides humic acids from Leonardite

Promotes root development through its auxin-like action

Improves soil structure and stimulates biological fertility

Enhances the availability and uptake of nutrients through the formation of complexes

Characteristics

UmiOrga is a product with a high content of humic acids extracted from Leonardite from North Dakota, a natural fossil carbon derived from the oxidation of Lignite. Thanks to its composition, it exerts a bioactivating effect and improves the chemical-physical and biological properties of the soil. **UmiOrga** stimulates soil microbial activity, with positive effects on biological fertility, and promotes the mobility and uptake of nutrients thanks to the strong ability of humic acids to form chelate-like complexes. This feature helps prevent nutrient leaching or immobilization, often caused by soil colloids, thus facilitating the mobilization of phosphorus, potassium, iron, calcium, and magnesium, while reducing nitrogen leaching. Its application enhances root development, also due to the natural presence of auxins, which stimulate root growth and branching, improving soil exploration and water and nutrient uptake. Thanks to its cation exchange capacity and ion mobility, **UmiOrga** contributes to better soil structure, softness and permeability, helps neutralize pH in alkaline soils, and reduces salinity, increasing crop tolerance to abiotic stress (drought, salinity, temperature fluctuations). Lastly, the supply of organic nitrogen and bioavailable meso and micronutrients supports crop nutritional requirements throughout all phenological stages.

Composition	w/w*	w/v
Organic matter as is it	12.0%	12.8%
C/N ratio		75
Humified organic matter as a percentage of organic matter	80.0%	
Organic nitrogen (N) on dry matter	0.4%	0.4%
Organic matter on dry matter	60.0%	

Raw materials: humic extracts from Leonardite.
*Equivalent to w/v at 20°C.

Doses and Instructions

CROPS	FERTIGATION APPLICATION	DOSE l/ha*
Fruit trees	From pre-flowering to harvest	20-25
Horticultural crops	From post-transplant to full growth/fruiting	20-25
Ornamental crops	From the early stages and throughout development	20-25
Industrial crops	From the early stages and throughout development	20-25

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	1-5-10-20-1000 l	~ 1070 kg/m³	~ 12,0	~23,2 dS/m

FERTIGATION APPLICATION
FERTIGATORS
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VegPlus

FERTIGATOR
That provides 100% vegetal organic substance

Stimulates the development of a vigorous root system for greater absorption and translocation of nutrients

Provides amino acids and proteins derived exclusively from plant-based raw materials

Improves soil structure and stimulates biological fertility

Characteristics

VegPlus is an organic fluid fertilizer obtained from the processing and fermentation of vinasse and its extracts, derived exclusively from plant-based raw materials. It is rich in proteins, amino acids, organic nitrogen, potassium, humic and fulvic acids, which provide high-quality organic matter essential for the proper development of crops. **VegPlus** promotes the development of a vigorous root system, enhancing the absorption of nutrients present in the soil. The plant-derived amino acids support both vegetative growth and metabolic activity, with a direct effect on root development. The organic nitrogen, released gradually, promotes balanced and sustained growth, improving vegetative activity and contributing to increased yield and quality of production. Potassium, highly soluble and available, supports flowering, fruit formation, and resistance to biotic and abiotic stresses. Thanks to the presence of organic carbon and humic compounds, **VegPlus** improves soil structure, stimulates biological fertility, and enhances nutrient availability. It is particularly recommended for exhausted, overworked or organic matter-poor soils**.**

Composition	w/w*	w/v
Organic nitrogen (N)	3.0%	3.9%
Water-soluble potassium oxide (K_2O)	5.0%	6.5%
Organic carbon (C)	17.0%	22.1%

Raw materials: vinasse and vinasse extracts.
*Equivalent to w/v at 20°C.

Doses and Instructions

CROPS	FERTIGATION APPLICATION	DOSE l/ha*
Fruit trees	From vegetative regrowth and throughout the growing cycle	15-20
Horticultural crops	After transplanting and during the entire crop cycle	15-20
Ornamental crops	Throughout the vegetative cycle	10-15
Industrial crops	Throughout the vegetative cycle	15-20

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation	Packaging	Density (T=20°C)	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble liquid	5-20-1000 l	~ 1300 kg/m³	~ 7.0	~ 38.1 dS/m

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