

ORGANIC AGRICULTURE



BIO TEHNOLOGY

The BioChain Technology uses 100% organic fertilizers and phytosanitary products. Each product has a very well-defined role and it represents the healthy predecessor of the next product which has a very clear role, as well.



Norofert

ORGANIC AGRICULTURE AT THE HIGHER STANDARDS

The new products launched by Norofert Organics are interconnected and provide enviable ecological crops. Each product has a very well-established role and offers the next product in the "bio-chain" the right ground for getting the best results.

CONTENTS

ABOUT US	04
EFFERVESCENT TABLET. EIGHT ADVANTAGES	06
FERTILIZERS	
AMINOTOP ULTRA	08
AMINOTOP BOR	10
AMINOTOP ZINC	12
AMINOTOP N	14
AMINOTOP S+Mg	16
INSECTICIDES	
BUSTER	18
TERMINATOR BT	20
FUNGICIDES	
ATHOS	22
PORTHOS	24
ARAMIS	26
SEED TREATMENT	
FREYA SEED	28
GERMINOSEED	30
SPECIALS	
COUNTRY 600	32
HEAVY METAL	34
PHOLK	36
GRANULATED SOIL FERTILIZERS	
BIO CERES NPK	38
BIO OSTARA N	40
BIO MAYA P	42
BIOCHAIN TEHNOLOGY	44
Biochain Technology for wheat, barley/triticale	48
Biochain Technology for rapeseed	49
Biochain Technology for sunflower	50
Biochain Technology for corn	51
Biochain Technology for fruit trees	52
Biochain technology for grapevine	53

ABOUT US

WE ARE NOROFERT ORGANICS, PART OF NOROFERT GROUP.

An important part of our activity lies in the research and innovation. Our state-of-the-art laboratory, the innovative BioChain technology and the automatic packaging line help us remain one step ahead, so that we can meet all the requirements.





MADE IN ROMANIA.

We are the forefront of Romanian research in this domain. Year after year we offer new products that cover all the needs of a crop -from foliar and solid fertilization to fighting pests and limiting the plant's absorption of heavy metals.

This year we are launching 20 new products, made with the help of BioChain (in the process of becoming a patent) technology, products that contain multiple active substances and that are presented in a ground-breaking form: effervescent tablet.





EFFERVESCENT TABLET

The effervescent tablet is the answer Norofert Organics has to the needs of farmers that are dedicated to organic agriculture. The great novelty is the effervescent tablet, which has a full and fast dissolution and presents eight major advantages.





EIGHT ADVANTAGES

- ✓ Using BioChain technology.
- ✓ Complete dissolution(100%), without deposits or residues.
- ✓ Fast dissolution (in maximum 60 seconds).
- ✓ Without any risk of fermentation at high temperatures.
- ✓ Complex formula that includes 4-6 active substances.
- ✓ Reducing storage and transport spaces.
- ✓ A bag of 1.2 kg transforms into a 250g tablet.
- ✓ Extending the product's shelf-life to 10 years.



NOROFERT ORGANICS

FERTILIZERS

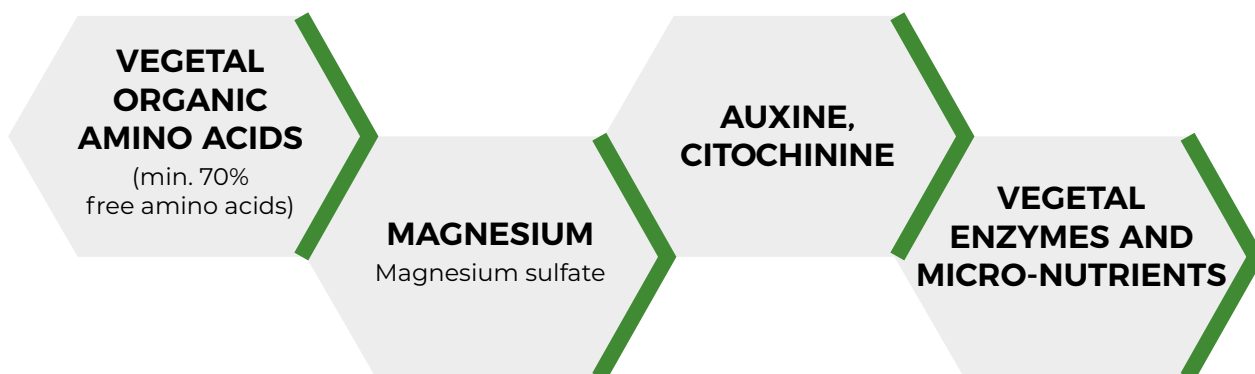
AMINOTOP ULTRA



AMINOTOP ULTRA

250gr effervescent tablet

AMINOTOP ULTRA is an organic biostimulator based on amino acids of vegetal origin and has in its composition all the nutritious elements necessary for the healthy developments of plants.



AMINOTOP ULTRA effervescent tablet.

Three active substances

It contains nitrogen of natural origin, phosphorus, potassium, magnesium sulfate, zinc, calcium, molybdenum, auxins, cytokines, and organic material.

Applied from the beginning of the plant emergence, AMINOTOP ULTRA ensures a full nutrition, fortifies and develops the radicular system, develops the foliar apparatus and increases the resistance of the plants to heat and drought. It is recommended for all types of crops.

Instructions for use

- If you are using classical farm machines for fertilization/applying foliar treatments, put the effervescent tablet AMINOTOP ULTRA directly in the watertank. An effervescent effect will take place and the tablet will dissolve in 60 seconds. Before applying the solution, make sure the dissolution process of the tablet is complete.

The AMINOTOP ULTRA 250 g effervescent tablet content

- Vegetal organic amino acids (min. 30% free amino acids)
- Magnesium sulfate (kieserite) – natural origin

Dosages and recommended treatments

- **Big crop: 1-2 tablets / ha in 200-400 liters of water, in every important plant growth phase**

AMINOTOP ULTRA is in accordance with 889/2008 Regulation (CE) of applying the 834/2007 regulation, Annex I and is accepted as an input in organic agriculture.



NOROFERT ORGANICS



FERTILIZERS

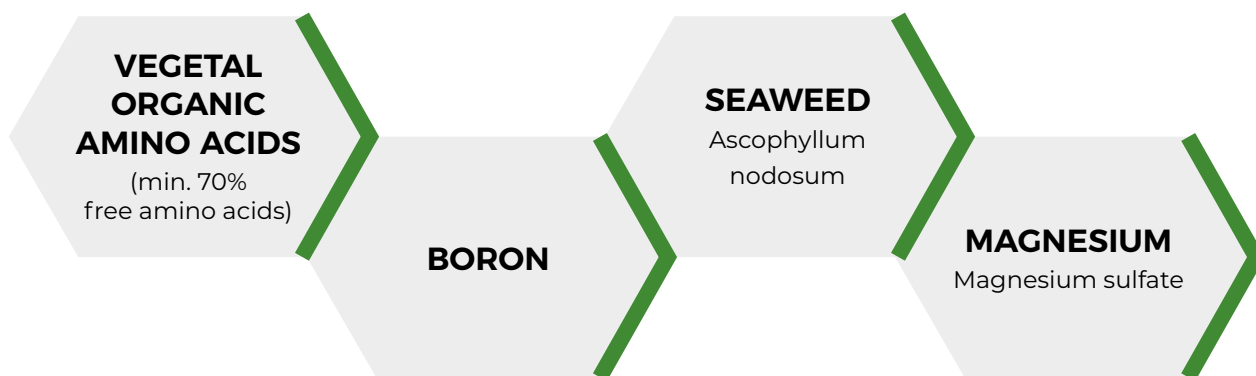
AMINOTOP BOR



AMINOTOP BOR

250gr effervescent tablet

AMINOTOP BOR is an ideal fertilizer for sunflower and rapeseed cultures, based on organic amino acids of vegetal origin, containing boron (from boric acid).



AMINOTOP BOR effervescent tablet.

Three active substances

Innovative product, essential in organic agriculture, the AMINOTOP BOR effervescent tablet contains four active substances: amino acids, boron, sulfur, seaweed extract.

Their combined effect is very beneficial for plants in important development stages.

The sulfur contribution favors production maturing and increases the seed oil, preventing freeze. Thanks to raising the plant's sugar level, boron also has the role of preventing the culture from freezing during winter. Boron effects are amplified by the Ascophyllum nodosum extract, the seaweed from the northern part of the Atlantic Ocean, with a fortifying role.

Instructions for use

- If you are using self-propelled farm equipment for fertilization/applying foliar treatments, make a first dilution of the effervescent tablet AMINOTOP BOR in 5-10 liters of water.
- If you are using classical farm machines for fertilization/applying foliar treatments, put the effervescent tablet AMINOTOP BOR directly in the watertank. An effervescent effect will take place and the tablet will dissolve in 60 seconds. Before applying the solution, make sure the dissolution process of the tablet is complete.

The AMINOTOP BOR 250 g effervescent tablet content

- 8% Boron (boric acid)
- Magnesium sulfate
- Ascophyllum nodosum extract
- Organic amino acids of vegetal origin

Dosages and recommended treatments

- **For oil seeds (sunflower, rapeseed)**
Minimum two treatments of 1 x 250 g tablet/ ha dissolved in 200-400 liters of water



NOROFERT ORGANICS



FERTILIZERS

AMINOTOP ZINC

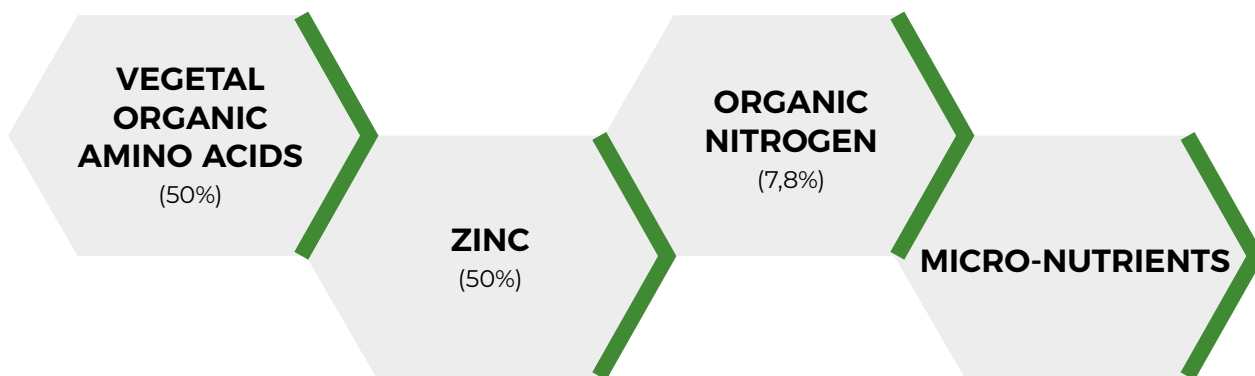


AMINOTOP ZINC

250gr effervescent tablet

Biostim recommended for corn crops in periods with intensive growth and during the critical stages of development.

It prevents zinc deficiencies, one of the essential nutrients for corn growth and development.



The substances from AMINOTOP ZINC effervescent tablet are taken up in two hours

AMINOTOP ZINC effervescent tablet provides the necessary zinc, essential in metabolism, photosynthesis, growth and development of the plant.

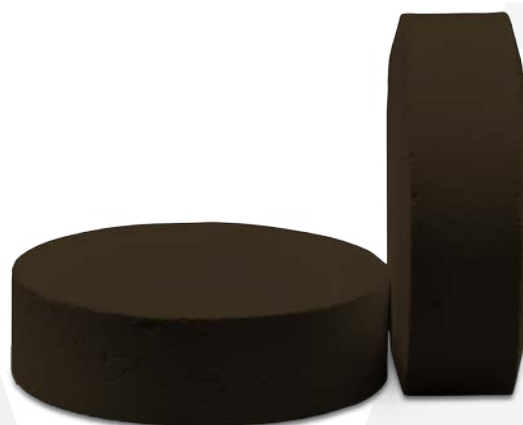
AMINOTOP ZINC effervescent tablet dissolves in less than 60 seconds and the substances within it can be completely absorbed in a maximum of 2 hours from application.

Instructions for use	The AMINOTOP ZINC 250 g effervescent tablet content	Dosages and recommended treatments
● If you are using self-propelled farm equipment for fertilization/ applying foliar treatments, make a first dilution of the effervescent tablet AMINOTOP ZINC in 5-10 liters of water. ● If you are using classical farm machines for fertilization/ applying foliar treatments, put the effervescent tablet AMINOTOP zinc directly in the watertank. An effervescent effect will take place and the tablet will dissolve in 60 seconds. Before applying the solution, make sure the dissolution process of the tablet is complete.	● 50% Organic amino acids ● 50% Zinc	● For corn Two treatments of 1 x 250g tablet / ha dissolved in 200-400 liters of water ● Wheat, barley, triticale Două tratamente a câte 1 x 250 g tablet / ha dissolved in 200-400 liters of water ● Rapeseed, flax Minimum two treatments of 2 x 250 g tablet / ha dissolved in 200-400 liters of water ● Strawberries (solar or field) - Fertigare. At least three treatments of 1 x 250 g tablet /ha dissolved in 500 liters of water - Foliar fertilisation. At least three treatments of 1 x 250g tablet /ha dissolved in 200 liters of water ● Fruit trees Foliar application. At least three treatments of 3 x 250g tablet /ha dissolved in 500 liters of water ● Grapevine Foliar application. At least five treatments of 2 x 250g tablet /ha dissolved in 500 liters of water

100% natural, organic product, authorised through Reg. (CE) 834/2008 and Reg. (CE) 889/2008 for use in organic agriculture.



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FERTILIZERS

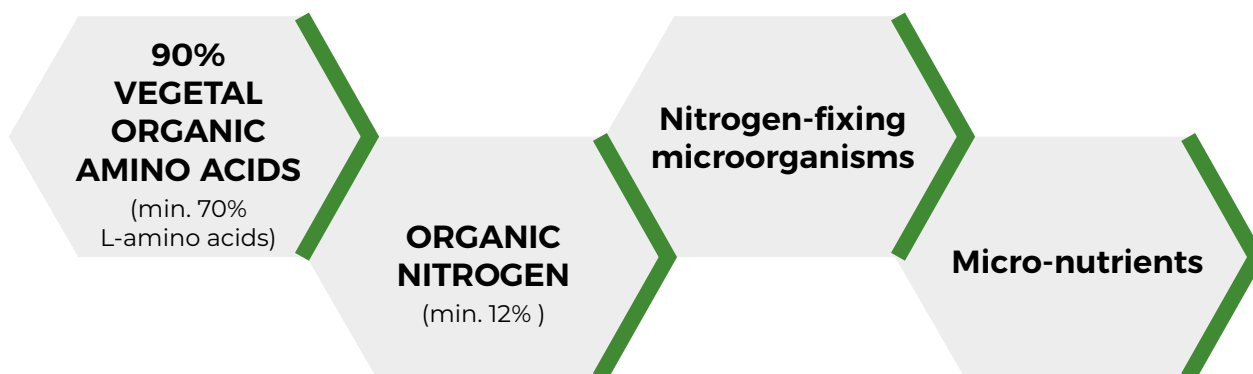
AMINOTOP N



AMINOTOP N

250gr effervescent tablet

100% natural product, based on rhizobia (nitrogen-fixing bacteria) and amino acids, AMINOTOP N has the role to stimulate plants to synthesize the nitrogen from the atmosphere and obtain organic nitrogen.



How AMINOTOP N works

Innovative product, recommended for organic crops, AMINOTOP N is based on pe nitrogen-fixing bacteria (rhizobia), which colonize plant cells and root nodules,, where they convert atmospheric nitrogen into ammonia, then providing plants odrganic nitrous (glutamine or urea), and on a very high concentration of free aminoacids (min. 70% free organic aminoacids of vegetal origin).

In its turn, the plant provides the organic rhizobia compunds resulted after the photosynthesize process.

AMINOTOP N effervescent tablet

The AMINOTOP N effervescent tablet is the result of the agricultural research conducted by Norofert Organics Labs and it represents a simple and effective choice for the agriculture of the future.

It contains 90% vegetal aminoacids and it completely dissolves.

Instructions for use	Conținutul tabletei efervescente AMINOTOP ZINC de 250 g	Dosages and recommended treatments
Of you are using classical farm machines for fertilization/applying foliar treatments, put the effervescent tablet AMINOTOP N directly into the water tank. An effervescent effect will be produced and the tablet will dissolve in 60 seconds. Before applying the solution, make sure that the dissolution process of the effervescent tablet is complete.	90% organic vegetal amino acids (min. 70% L-amino acids)	For peas, spring barley Two treatments of 1 x 250 g tablet / ha dissolved in 200-400 liters of water Wheat, barley, triticale Two treatments of 1 x 250 g tablet/ ha dissolved in 200-400 liters of water Rapeseed Minimum two treatments of 2 x 250g tablets/ ha dissolved in 200-400 liters of water Tomatoas, peppers, eggplants, strawberries (solar or field) Fertilization. At least three treataments of 1 x 250 g tablet /ha dissolved in 500 liters of water Foliar fertilization. At least three treatments of 1 x 250 g tablet/ha dissolved in 200 liters of water Blackberry, strawberry, blueberry etc. Foliar application. At least three treatments of 3 x 250 g tablet/ha dissolved in 500 liters of water Fruit trees Foliar application. At least three treatments of 3 x 250 g tablet /ha dissolved in 500 liters of water Grapevine Foliar application. At least five treatments of 2 x 250 g tablet /ha dissolved in 500 liters of water

100% natural product, organic, authorised through Reg. (CE) 834/2008 and Reg. (CE) 889/2008 for use in organic agriculture.



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FERTILIZERS

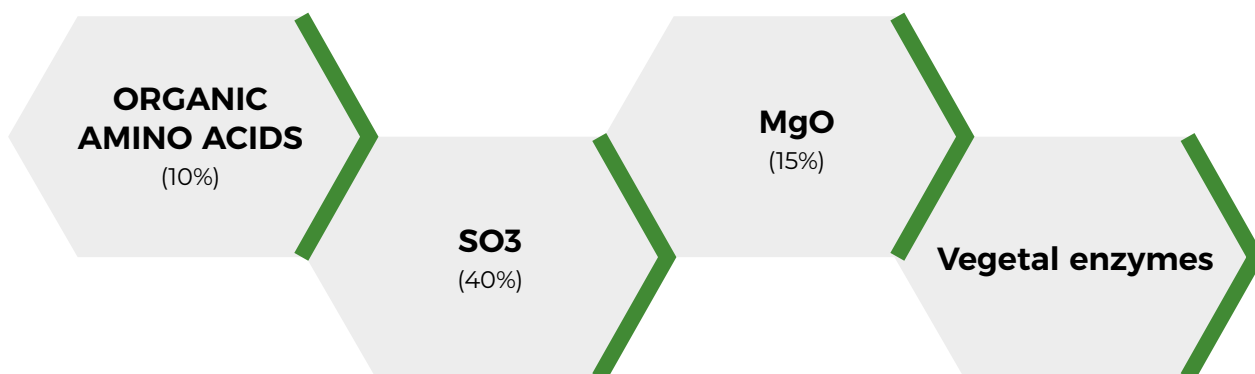
AMINOTOP S+Mg



AMINOTOP S+Mg

250gr effervescent tablet

Complementary biostim for all types of crops, especially recommended for sunflower, rapeseed and flax.



How AMINOTOP SULF ȘI MAGNEZIU effervescent tablet works

The sulfur from the AMINOTOP SULF ȘI MAGNEZIU effervescent tablet is indispensable for the nitrogen to be absorbed by the plant. Without the sulfur, the foliar development of the plant is slowed down..

Magnesium is an important element of photosynthesis, that favors the absorption and synthesis of calcium, phosphorus and nitrogen.

Instructions for use

- If you are using self-propelled farm equipment for fertilization/ applying foliar treatments, make a first dillution of the effervescent tablet AMINOTOP SULF ȘI MAGNEZIU in 5-10 liters of water.
- If you are using classical farm machines for fertilization/ applying foliar treatments, put the effervescent tablet AMINOTOP SULF ȘI MAGNEZIU directly into the water tank. An effervescent effect will take place and the tablet will dissolve in 60 seconds. Before applying the solution, make sure the dissolution process of the tablet is complete.

AMINOTOP SULF ȘI MAGNEZIU 250 g effervescent tablet content

- Amino acids
- Sulfur
- Magnesium
- Phosphorus
- Nitrogen
- Potassium

Dosages and recommended treatments

- **For sunflower**
Two treatments of 1 x 250g tablets / ha dissolved in 200-400 liters of water
- **Rapeseed, flax**
Minimum two treatments of 2 x 250g tablets / ha dissolved in 200-400 liters of water



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INSECTICIDES

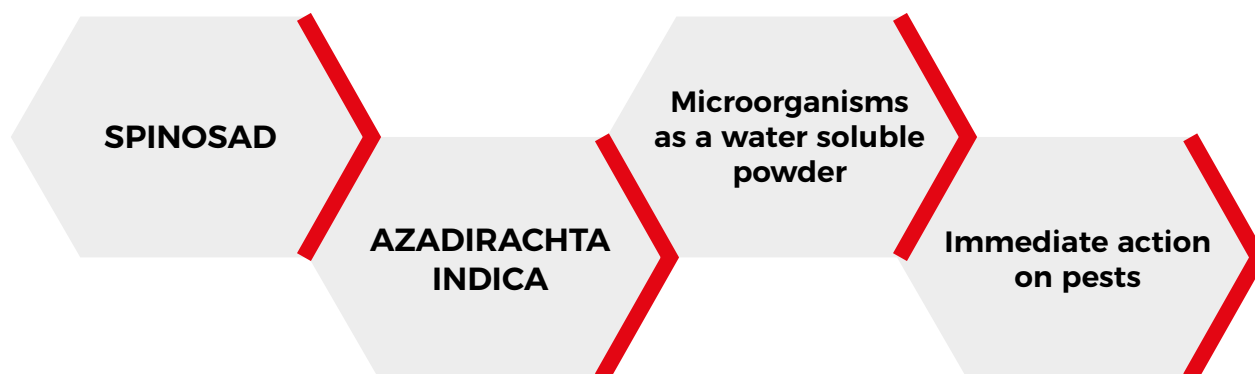
BUSTER



BUSTER

250gr effervescent tablet

The BUSTER effervescent tablet is a very strong organic insecticide that fights against a wide range of pests. The BUSTER effervescent tablet fights against: lepidoptera, wireworm, turnip moth (*agrotis segetum*), aphids (*Aphis sambuci*, *Aphis pomi*, *Dysaphis plataginea*), tanymecus (applied preemptively with FREYASEED), greenhouse whitefly (*Trialeurodes vaporariorum*), *Episyrphus balteatus* (Diptera), thrips, *Haplodiplois marginala*, shield bugs etc.



BUSTER effervescent tablet. Three active substances

The BUSTER effervescent tablet has three of the strongest active substances used in organic agriculture: Spinosad, Azadirachta indica (neem) and microorganisms.

The three active substances from the BUSTER effervescent tablet fight with maximum efficiency most of the pests that affect crops:

- Spinosad fights pests from Lepidoptera, Diptera, Hymenoptera, Coleoptera, Thysanoptera, Isoptera, Tanymecus orders
- Azadirachta indica successfully fights against certain tupes of nematodes, moths and wasps (stem gall wasp)
- Microorganism decisively contribute to the action of the two substances mentioned above, amplifying the effect agains pests, through weakening their immune system.

Instructions for use	The BUSTER 250 g effervescent tablet content	Dosages and recommended treatments
• If you aree using self-propellled farm equipment for fertilization/ applying foliar treatments, make a first dillution of the effervescent tablet BUSTER in 5-10 liters of water. • If you are using classical farm machines for fertilization/ applying foliar treatments, put the effervescent tablet BUSTER directly in the water tank. An effervescent effect will take place and the tablet will dissolve in 60 seconds. Before applying the solution, make sure the dissolution process of the tablet is complete.	• Spinosad • Azadirachta Indica • Microorganisms as a water soluble powder	• Peas, spring barley 2-3 treatments of 1 x 250g tablet / ha dissolved in 200-400 liters of water • Wheat, barley, triticale 2-3 treatments of 1 x 250g tablet / ha, dissolved in 200-400 liters of water • Rapeseed At least 2 treatments of 2 x 250g tablet / ha dissolved in 200-400 liters of water • Tomatos, peppers, eggplants, strawberries etc. (solar or field) At least three treatments (fertigation) of 1 x 250g tablet /ha dissolved in 500 liters of water
		- At least three treatments (foliar fertilization) of 1 x 250g tablet /ha dissolved in 200 liters of water • Fruit trees At least three treatments (foliar application) of 3 x 250g tablet /ha dissolved in 500 liters of water • Grapevine At least five treatments (foliar application) of 4 x 250g tablet /ha dissolved in 500 liters of water

BUSTER is in accordance with regulation (CE) 889/2008 of applying regulation 834/2007, Annex II and is accepted as input in the organic agriculture.



NOROFERT ORGANICS



INSECTICIDES

TERMINATOR BT



TERMINATOR BT

250gr effervescent tablet

TERMINATOR BT effervescent tablet, based on the biological pestoicide Bacillus Thuringensis, offers the most efficient organic treatment against caterpillars and beetles.



The active substance from TERMINATOR BT effervescent tablet

TERMINATOR BT effervescent tablet is an insecticide based on Bacillus Thuringensis

Used for the first time as a biological insecticide 21 years ago, Bacillus thuringiensis is naturally found in various environments, especially in the soil and on leaves. It is lethal for hundreds of thousands of species of insects that are vector to some diseases, but nonpathogenic for humans, birds and animals.

Instructions for use	TERMINATOR BT 250 g tablet content	Dosages and recommended treatments
● If you are using self-propelled farm equipment for fertilization/ applying foliar treatments, make a first dilution of the effervescent tablet TERMINATOR BT in 5-10 liters of water. ● If you are using classical farm machines for fertilization/ applying foliar treatments, put the effervescent tablet TERMINATOR BT directly in the water tank. An effervescent effect will take place and the tablet will dissolve in 60 seconds. Before applying the solution, make sure the dissolution process of the tablet is complete.	● Bacillus Thuringensis	● Fruit trees At least three treatments (foliar application) of 3 x 250g tablet /ha dissolved in 500 liters of water

TERMINATOR BT is in accordance with regulation (CE) 889/2008 of applying regulation 834/2007, Annex II and is accepted as input in the organic agriculture.



NOROFERT ORGANICS



FUNGICIDES

ATHOS

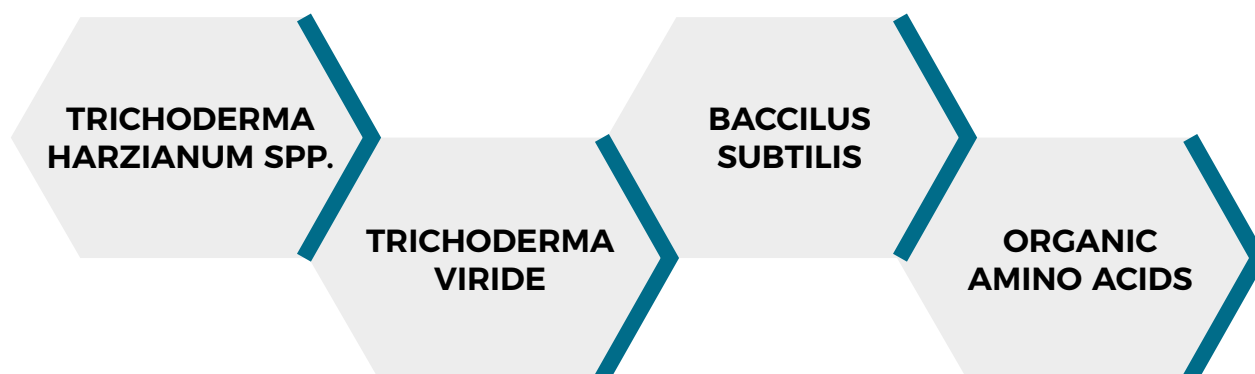


ATHOS

250gr effervescent tablet

ATHOS effervescent tablet is a complex fungicide, with rapid and long-term effect, that ensures the healthy development of the plant, reduces the risk of infestation with specific diseases and activates the immune system of the plant.

Made due to the Bio Chain technology, based on microorganisms and fungi with a protective role for plants, the ATHOS effervescent tablet contains three types of fungi strains with strong fungicide action (Trichoderma Harzianum spp., Trichoderma Viride spp. and Baccilus Subtilis spp.), organic amino acids and a bacteria culture that activates elicitors.



How ATHOS effervescent tablet works

In the ATHOS effervescent tablet we have dosed the three fungi classes from the tablet (Trichoderma Harzianum spp., Trichoderma Viride spp. și Baccilus Subtilis spp.) so that they ensure a fast and also a long-term effect on organic crops.

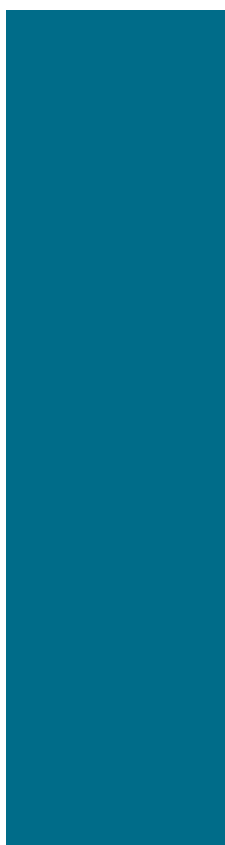
The combination of fungi from the ATHOS effervescent tablet works in two ways:

- invasive – through populating the plants with the three types of fungi, so that the access of pathogens to plants stomata is almost entirely limited.
- curative – the three fungi strains rapidly degrade the cell walls of the pathogens, thus stopping them from multiplying.

The efficiency of ATHOS effervescent tablet is increased thanks to the organic amino acids, with tonic and refreshing role for plants that go through osmotic stress or pathogenic and also thanks to microorganisms with the role of activating elicitors (the elicitors are compounds that activate chemical defense in plants.)

Instructions for use	ATHOS 250 g effervescent tablet content	Dosages and recommended treatments	
• If you are using self-propelled farm equipment for fertilization/ applying foliar treatments, make a first dilution of the effervescent tablet ATHOS in 5-10 liters of water. • If you are using classical farm machines for fertilization/ applying foliar treatments, put the effervescent tablet ATHOS directly in the watertank. An effervescent effect will take place and the tablet will dissolve in 60 seconds. Before applying the solution, make sure the dissolution process of the tablet is complete.	• Trichoderma Harzianum spp. • Trichoderma Viride • Baccilus Subtilis • Organic amino acids • microorganisms with the role of activating activate the elicitor min 1.000.000.000 cfu /mg	• Peas, spring barley 2-3 treatments of 1 x 250g tablet / ha dissolved in 200-400 liters of water • Wheat, barley, triticale 2-3 treatments of 1 x 250g tablet / ha dissolved in 200-400 liters of water • Rapeseed At least two treatments of 2 x 250g tablet / ha dissolved in 200-400 liters of water	• Tomatos, peppers, eggplants, strawberries etc. (solar or field) At least three treatments (fertigare) of 1 x 250g tablet / ha dissolved in 500 liters of water At least three treatments (foliar fertilization) of 1 x 250g tablet /ha dissolved in 200 liters of water.

100% natural, organic product, authorised through Reg. (CE) 834/2008 and Reg. (CE) 889/2008 for use in organic agriculture.



NOROFERT ORGANICS



FUNGICIDES

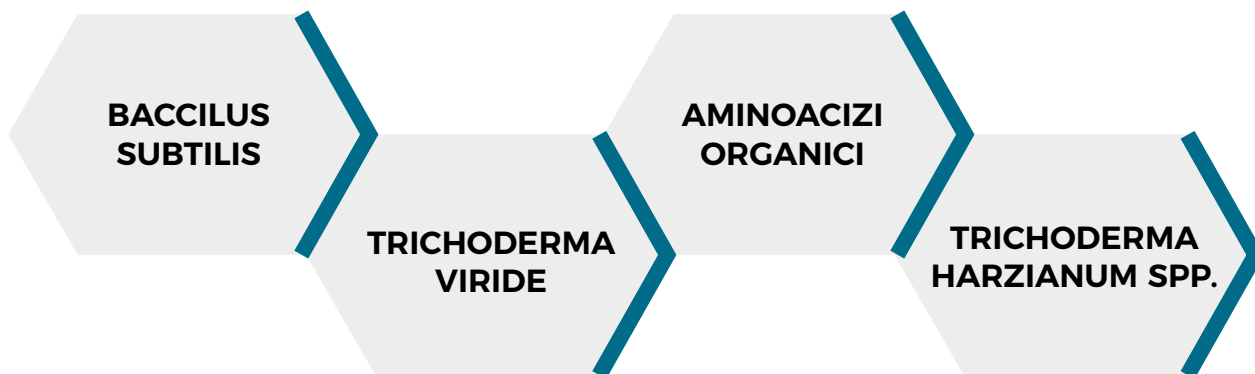
PORTHOS



PORTHOS

250gr effervescent tablet

PORTHOS effervescent tablet is an exclusive fungicide, based on microorganisms, that protects sunflower crops from their primary specific diseases, being extremely efficient against white mold (sclerotinia)



How PORTHOS effervescent tablet works

The active substances from PORTHOS effervescent tablet deteriorate the cellular walls of the pathogens and keeps B.Cinerea (the fungus that generates sclerotinia) at bay.

The treatment with PORTHOS effervescent tablet can be applied preemptively, thus successfully protecting sunflower crops from their primary specific diseases, with an extremely efficient effect against white mold. (sclerotinia)

How dangerous is sclerotinia

How we can recognize a sclerotinia infection

- **Stem.** The infection with cu sclerotinia is produced at the base of the stem, in plants that are in advanced stages of vegetation. On the stem's surface patches white-grey spots, covered with felty mycelium, that produces a softening of the tissues and medulla, followed by the leaves withering and eventually the whole plant wilting.
- **Root.** The symptoms of the root base are similar with the ones of the stem base.
- **Leaves.** The tissue of the leaves will appear altered and discolored. On the flower heads, brown spots will be noticeable and the tissues will be soft and moldy, afterwards falling on the ground and disintegrating.
- **Seeds.** When the seeds are attacked, you can notice the appearance of yellow spots that can reduce the germination faculty. The oil from the seeds that are affected by sclerotinia is bitter.

From the fungus' mycelium, in the attacked areas of the plant, will appear the sclerotia (small hard, black lumps, of various forms and sizes). In case of pathogen B Cinerea, which spreads during the growing period, these sclerotia are small and appear to be at the base of the seeds.

From sclerotia result mycelial filaments that produce infections on the plant, generating new sclerotia and determining repeated secondary infections.

Instructions for use

- If you are using self-propelled farm equipment for fertilization/ applying foliar treatments, make a first dilution of the effervescent tablet PORTHOS in 5-10 liters of water.
- If you are using classical farm machines for fertilization/ applying foliar treatments, put the effervescent tablet PORTHOS directly in the watertank. An effervescent effect will take place and the tablet will dissolve in 60 seconds. Before applying the solution, make sure the dissolution process of the tablet is complete.

PORTHOS 250 g effervescent tablet content

- *Bacillus Subtilis*
- *Trichoderma Viride*
- Organic amino acids
- *Trichoderma Harzianum spp.*

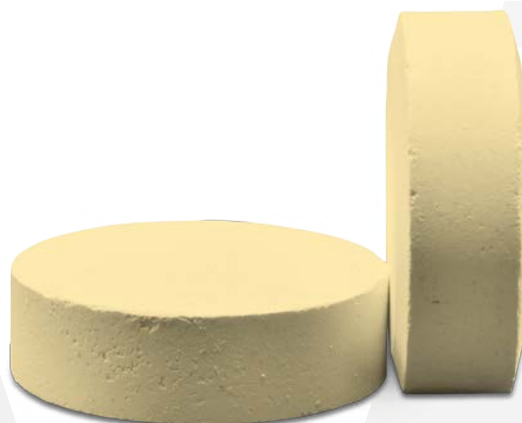
Dosages and recommended treatments

- **Sunflower**
2-3 treatments of 2 x 250 g tablet / ha dissolved in 200-400 liters of water

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NOROFERT ORGANICS



FUNGICIDES

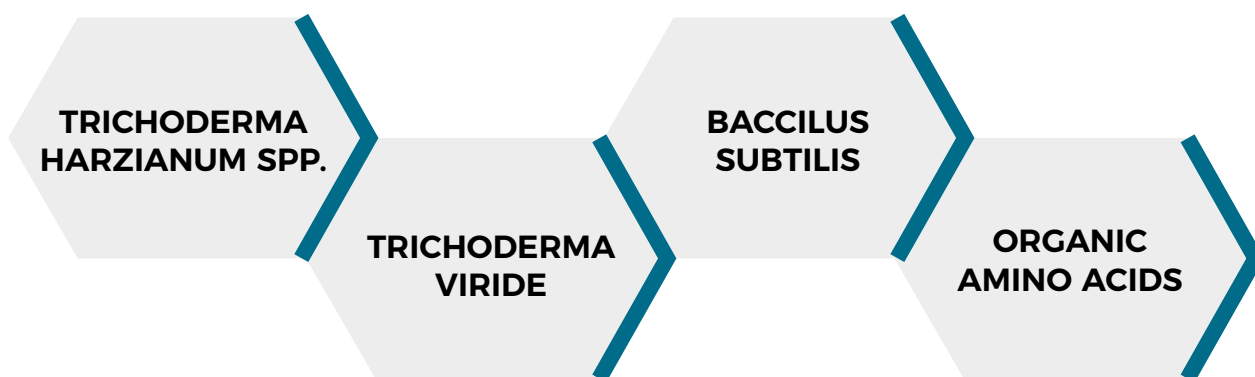
ARAMIS



ARAMIS

250gr effervescent tablet

ARAMIS effervescent tablet is a complex este un fungicide, with a contact mode of action and systemic one, with maximum efficiency in preventing and controlling diseases that may appear in fruit trees, shrubs and vegetables.



ARAMIS effervescent tablet, roles of preventing and controlling diseases

When used pre-emptively, the ARAMIS effervescent tablet successfully protects crops, ensuring the plants a healthy development and decreasing the risk of infestation with specific diseases.

Correctly applied, the preventive treatment using the ARAMIS effervescent tablet ensures protection against ear fusariosis, snow mold, brown rust, yellow rust, leaf tearing, reticular staining, barley leaf burn, septoria, common blight and flying embers.

Also, it is extremely efficient in protecting fruit trees, shrubs and vegetables, with a role of preventing and controlling diseases such as apple scab, powdery mildews, monilia, leather rot, Phytophthora infestans, alternaria, grey rot, brown staining, mycosis wilting.

Instructions for use

- If you are using self-propelled farm equipment for fertilization/ applying foliar treatments, make a first dilution of the effervescent tablet ARAMIS in 5-10 liters of water.
- If you are using classical farm machines for fertilization/ applying foliar treatments, put the effervescent tablet ARAMIS directly in the watertank. An effervescent effect will take place and the tablet will dissolve in 60 seconds. Before applying the solution, make sure the dissolution process of the tablet is complete.

The ARAMIS 250 g effervescent tablet content

- Trichoderma Harzianum spp.
- Trichoderma Viride
- Bacillus Subtilis
- Organic amino acids
- microorganisms with the role of activating the elicitor min 1.000.000.000 cfu / mg

Dosages and recommended treatments

- **Fruit trees**
At least three treatments (foliar application) of 3 x 250g tablet / ha dissolved in 500 liters of water
- **Grapevine**
At least five treatments (foliar application) of 4 x 250g tablet / ha dissolved in 500 liters of water.

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NOROFERT ORGANICS



SEED TREATMENT

FREYA SEED



FREYA SEED

250gr effervescent tablet

FREYASEED effervescent tablet helps control pests, pathogen agents and fungi that attack the seed. (Rhizoctonia sp, Fusarium sp, Phytyum sp, Tanymecus larvae, turnip moth, wireworm and also bacteria, nematodes, acariens etc)

Also, it helps a fast seed germination, as well as a strong emergence.

The treatment with Freyaseed effervescent tablet targets treatment of the following seeds: wheat, corn, sunflower, rapeseed, triticale, oatmeal, flax and vegetables.



How FREYASEED effervescent tablet works

The Freyaseed effervescent tablet was made so that it can face the most complex challenges of organic agriculture.

The Trichoderma Harzianum spp and Trichoderma viride spp fungi entirely cover the surface of the seed, protecting them from diseases for as long as they are in the soil.

The extract of Azadirachta keeps pests at bay, until emergence.

The amino acids from the product have an extremely important role, helping fast seed germination.

Instructions for use

- If you are using self-propelled farm equipment for fertilization/ applying foliar treatments, make a first dilution of the FREYASEED effervescent tablet in 5-10 liters of water.
- If you are using classical farm machines for fertilization/ applying foliar treatments, put the FREYASEED effervescent tablet directly in the water tank. An effervescent effect will take place and the tablet will dissolve in 60 seconds. Before applying the solution, make sure the dissolution process of the tablet is complete.

The FREYA SEED 250 g effervescent tablet content

- Trichoderma Harzianum spp.
- Trichoderma viride
- Azadirachta indica extract
- Aminoacizi Organic amino acids (with 70% L-amino acids)

Dosages and recommended treatments

- **Green beans, spring barley 2x 250g tablets/t, in 60-80 liters of water**
- **Wheat, barley, triticale, flax 2x250g tablets/t, in 60-80 liters of water**
- **Rapeseed, corn, sunflower 10x 250g tablets/t, in 60-80 liters of water**

Freyaseed is in accordance with regulation (CE) 889/2008 of applying regulation 834/2007, Annex II and is accepted as input in the organic agriculture.



NOROFERT ORGANICS



SEED TREATMENT

GERMINOSEED

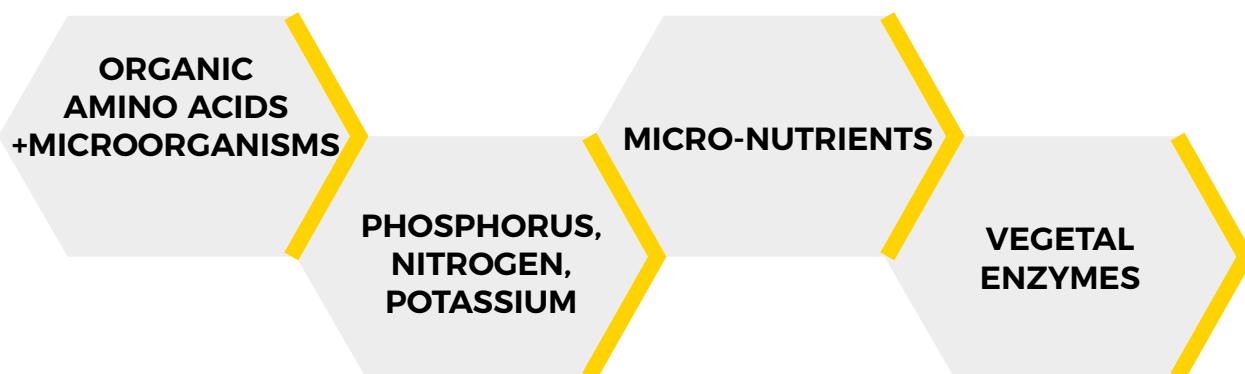


GERMINOSEED

250gr effervescent tablet

GERMINOSEED effervescent tablet speeds up the seed germination and contributes to the healthy development of plants.

It is a 100% organic product that is highly appreciated by farmers who do organic agriculture in Romania.



GERMINOSEED effervescent tablet treatment

Based on organic amino acids from vegetal source din sursă vegetală (L-amino acids 70%), the GERMINOSEED effervescent tablet has the role of helping seeds to quickly germinate and plants to have a healthy and strong development, until the two leaves stage for hoe cultures or until 2-3 cm for the rest.

Germination is a complex physiological process through which the plant's embryo, located in the seed, resumes its growth after a period of dormancy.

The treatment with GERMINOSEED effervescent tablet is recommended to help the seed require the nutritious elements necessary for a very good germination.

Instructions for use

- If you are using self-propelled farm equipment for fertilization/ applying foliar treatments, make a first dilution of the effervescent tablet GERMINOSEED in 5-10 liters of water.
- If you are using classical farm machines for fertilization/ applying foliar treatments, put the effervescent tablet GERMINOSEED directly in the water tank. An effervescent effect will take place and the tablet will dissolve in 60 seconds. Before applying the solution, make sure the dissolution process of the tablet is complete.

GERMINOSEED 250g effervescent tablet content

- Organic amino acids + microorganisms

Dosages and recommended treatments

- **Peas, spring barley**
2 x 250g tablet / t, in 60-80 liters of water
- **Wheat, barley, triticale, flax**
2 x 250g tablet / t, in 60-80 liters of water
- **Rapeseed, corn, sunflower**
10 x 250g tablet / t, in 60-80 liters of water

GERMINOSEED is in accordance with regulation (CE) 889/2008 of applying regulation 834/2007, Annex I and is accepted as input in the organic agriculture.



NOROFERT ORGANICS



SPECIALS

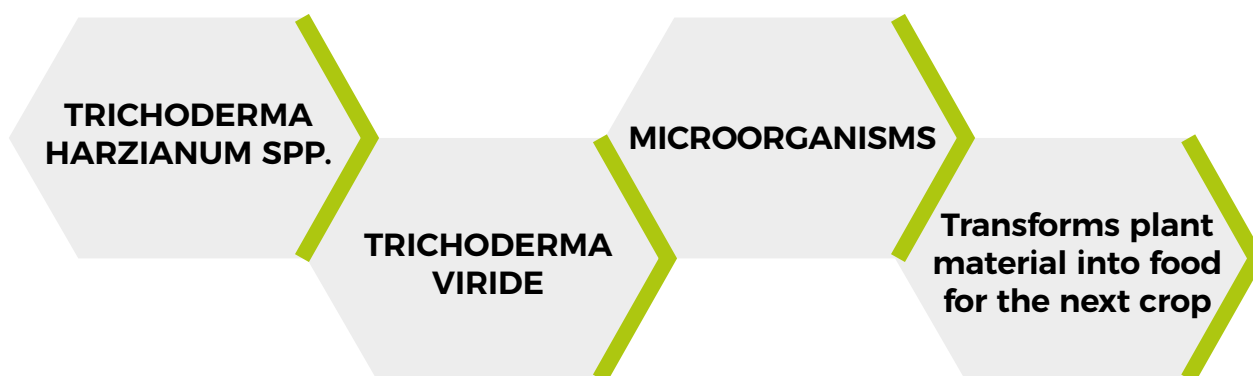
COUNTRY 600



COUNTRY 600

250gr effervescent tablet

100% natural organic foliar treatment that helps speed up the organic matter decomposition process, resulted from harvesting, making it 600 times faster.
If you use the COUNTRY 600 effervescent tablet significantly drops the risk of disease and pest transmission and brings in the soil a spectacular contribution of nutritious substances.



Decomposing organic matter 600 times faster

The COUNTRY 600 effervescent tablet helps the organic matter decompose 600 times faster than natural organic matter resulted from harvesting.

At the same time, if it is applied on dry vegetation immediately after harvesting, the solution obtained after dissolving the COUNTRY 600 effervescent tablet can bring a spectacular contribution of nutritious substances into the soil, for future crops.

Case study. Small-grain crops treated with COUNTRY 600 effervescent tablet

For example, if you use COUNTRY 600 effervescent tablet on organic matter resulted after the harvest of small-grain crops, you will obtain a soil „fertilization” with beneficial microorganisms and large quantities of N.P.K., as it follows:

Organic nitrogen (aprox. 50 kg)
Organic phosphorus (aprox. 30 kg)
Potassium (aprox. 80 kg)

Also, by using the COUNTRY 600 effervescent tablet and through the rapid decomposition process of the organic matter resulted after harvesting, the soil is enriched with humus, calcium and beneficial microorganisms.

Instructions for use

- If you are using self-propelled farm equipment for fertilization/ applying foliar treatments, make a first dilution of the effervescent tablet COUNTRY 600 in 5-10 liters of water.
- If you are using classical farm machines for fertilization/ applying foliar treatments, put the effervescent tablet COUNTRY 600 directly in the water tank. An effervescent effect will take place and the tablet will dissolve in 60 seconds. Before applying the solution, make sure the dissolution process of the tablet is complete.

The COUNTRY 600 effervescent tablet content

- spores (microorganisms)

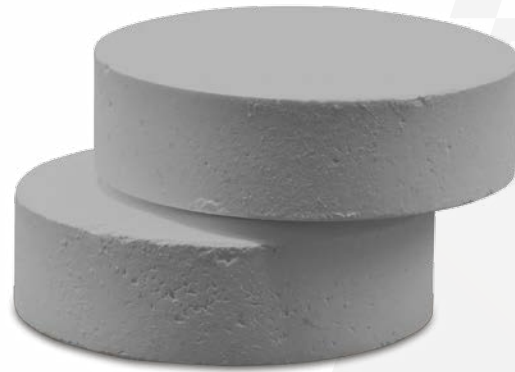
Dosages and recommended treatments

- **Peas, spring barley**
2-3 treatments of 1 x 250g tablet / ha dissolved in 200-400 liters of water
- **Wheat, barley, triticale**
2-3 treatments of 1 x 250g tablet / ha, dissolved in 200-400 liters of water
- **Rapeseed**
At least 2 treatments of 2 x 250g tablet / ha dissolved in 200-400 liters of water
- **Tomatos, peppers, eggplants, strawberries etc. (solar or field)**
At least three treatments (fertigation) of 1 x 250g tablet /ha dissolved in 500 liters of water
At least three treatments (foliar fertilization) of 1 x 250g tablet /ha dissolved in 200 liters of water

100% natural, organic product, authorised through Reg. (CE) 834/2008 and Reg. (CE) 889/2008 for use in organic agriculture.



NOROFERT ORGANICS



SPECIALS HEAVY METAL

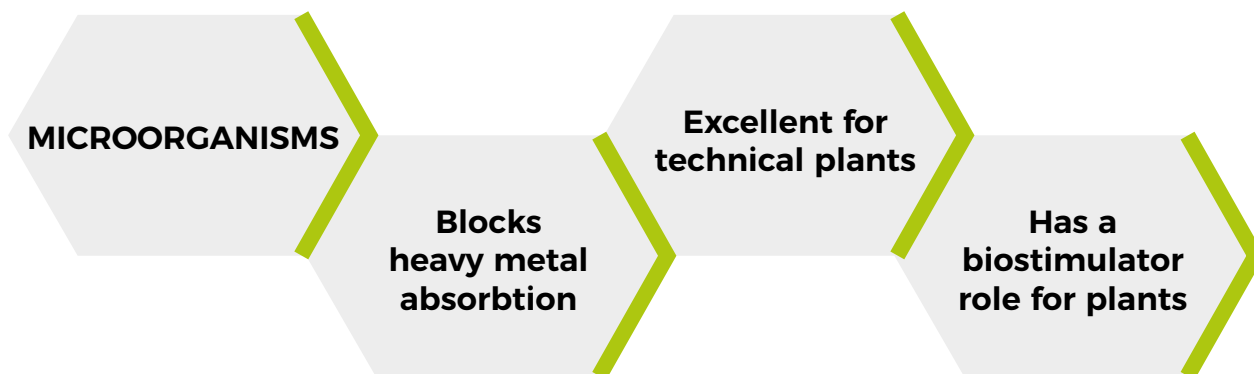


HEAVY METAL

250gr effervescent tablet

Innovative organic product that helps plants rapidly synthesize and eliminate heavy metals absorbed at the same time with the nutrients. It stimulates photosynthesis, helps fixating the nitrogen from the air and plays a protective antifungal role for the plants.

The HEAVY METAL effervescent tablet is especially recommended for crops in organic certification regime.



The risks of heavy metal poisoning

The high content of heavy metals means that there is a direct risk of contaminating the soil affecting plants that absorb the heavy metals from the soil, the animals that eat the plants and humans also. When not treated efficiently, the heavy metal toxicity can determine morbidity and mortality.

The periodic table of elements has 118 chemical elements, from which 80 are considered metals, approximately 30 of them are toxic to human beings. Among these are the heavy metals, which have high density and atomic weight, with an atomic number higher than 20.

Some heavy metals are essential in various biochemical processes (Co, Cu, Fe, Mn, Mo, Ni, V și Zn). They are essential in different biochemical processes (Co, Cu, Fe, Mn, Mo, Ni, V și Zn). In small quantities, they are necessary for the organism, but become toxic in large quantities.

Other heavy metals (Pb, Cd, Hg și Ca) do not have any benefit for the organisms and are considered „main threats” because they are harmful for both plants and animals.

Instructions for use	HEAVY METAL 250g effervescent tablet content	Dosages and recommended treatments
- If you are using self-propelled farm equipment for fertilization/applying foliar treatments, make a first dilution of the effervescent tablet HEAVY METAL in 5-10 liters of water. - If you are using classical farm machines for fertilization/applying foliar treatments, put the effervescent tablet HEAVY METAL directly in the water tank. An effervescent effect will take place and the tablet will dissolve in 60 seconds. Before applying the solution, make sure the dissolution process of the tablet is complete.	min. 1.000.000.000 cfu/g microorganisms	Peas, spring barley 2-3 treatments of 1 x 250g tablet / ha dissolved in 200-400 liters of water Wheat, barley, triticale, flax 2-3 treatments of 1 x 250g tablet / ha dissolved in 200-400 liters of water Rapeseed At least 2 treatments of 2 x 250g tablet / ha dissolved in 200-400 liters of water

100% natural, organic product, authorised through Reg. (CE) 834/2008 and Reg. (CE) 889/2008 for use in organic agriculture.



NOROFERT ORGANICS



SPECIALS

PHOLK



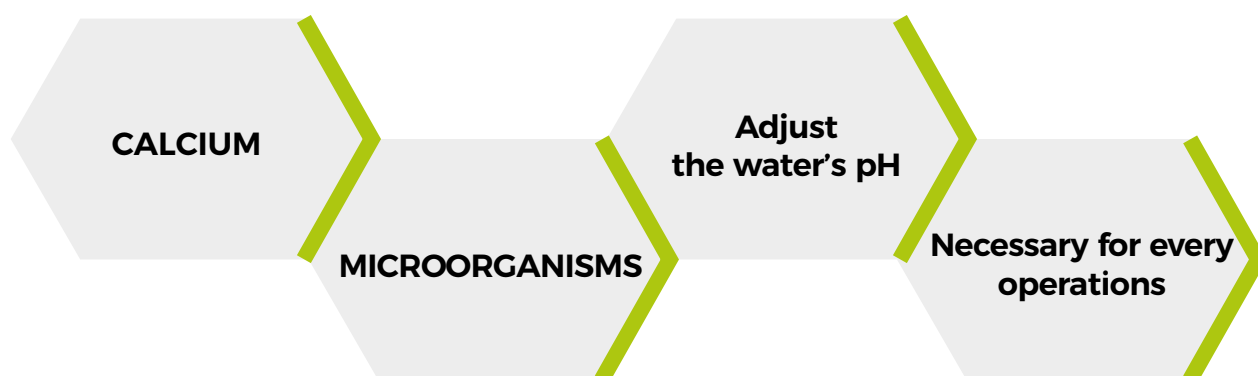
PHOLK

250gr effervescent tablet

PHOLK effervescent tablet is a 100% natural, organic product, that assures a neutral water ph and a good distribution of foliar treatments.

By eliminating the risk of increasing the alkaline saturation or the acidity of the final solution, the best development of the plants is assured.

PHOLK is a 100% natural, organic product, with the role of balancing the ph of the water used for mixing the other products.



How PHOLK effervescent tablet works

The context that makes the usage of PHOLK effervescent tablet necessary. The majority of phytosanitary products have a very low ph, acidic, that can radically change the water ph, transforming the final solution into an acidic one.

This can affect the absorption of the products that are about to be distributed or can directly affect the plant's optimal development.

The PHOLK effervescent tablet assures a neutral ph of the water in which the phytosanitary products or foliar fertilizers will be mixed, ensuring a safer distribution of foliar treatments. At the same time, the risk of increasing acidity or increasing the alkalinity of the final solution is eliminated, with the help of microorganisms from the product.

Instructions for use

- If you are using self-propelled farm equipment for fertilization/applying foliar treatments, make a first dilution of the effervescent tablet PHOLK in 5-10 liters of water.
- If you are using classical farm machines for fertilization/applying foliar treatments, put the effervescent tablet PHOLK directly in the water tank. An effervescent effect will take place and the tablet will dissolve in 60 seconds. Before applying the solution, make sure the dissolution process of the tablet is complete.

PHOLK 250 g effervescent tablet content

- CaCo₃
- microorganisms

Dosages and recommended treatments

- **1 tablet / 200 liters of water**



NOROFERT ORGANICS



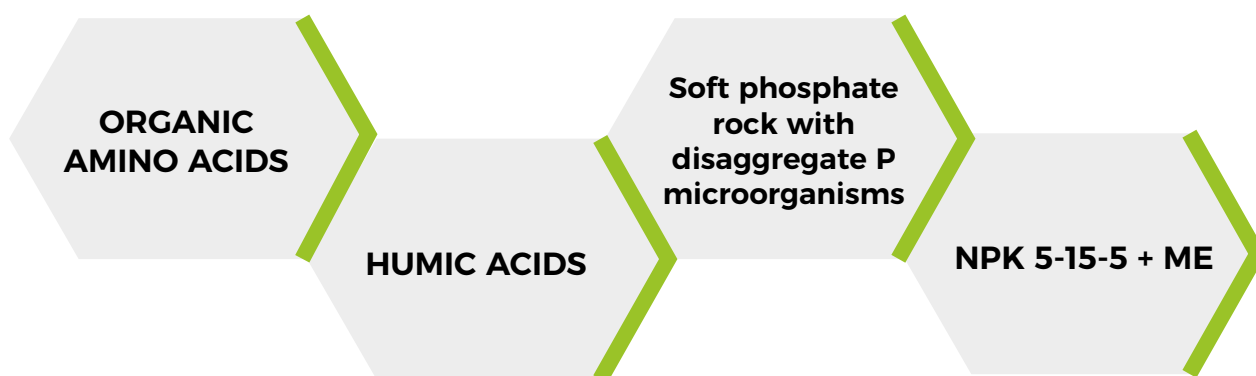
GRANULATED SOIL FERTILIZERS

BIO CERES NPK

BIO CERES NPK

packaging 500 kg / 1000 kg

BIO CERES NPK is a 100% natural, organic fertilizer, containing optimal and balanced quantities of organic nitrogen, phosphorus and potassium. Through the way of application and special formula, the product is instantly available, without losses, ensuring the nitrogen necessary to plants rapidly developing. The humic acids and amino acids directly contribute to the healthy growth of plants and roots.



The advantage of BIO CERES NPK

Because of its innovative formula (organic and mineral matter, free amino acids, auxins, cytokines, vegetal enzymes) BIO CERES NPK grains were designed in a way that every element present in the formula is available immediately after application.

Instructions for use	Content of BIO CERES NPK grains	Dosages and recommended treatments
- The 3-5 mm granulation of the innovative product BIO CERES NPK allows uniform distribution on farmlands - BIO CERES NPK can also be administered at sowing, in a dosage of 75kg/ha	- organic matter - mineral matter - free amino acids - auxins - cytokines - vegetal enzymes	Small-grain cereals (wheat, barley, triticale, spring barley): 150-200 kg / ha Corn / Sunflower: 150-200 kg / ha Rapeseed: 150-200 kg / ha

BIO CERES NPK is in accordance with regulation (CE) 889/2008 of applying regulation 834/2007, Annex II and is accepted as input in the organic agriculture.



NOROFERT ORGANICS



GRANULATED SOIL FERTILIZERS

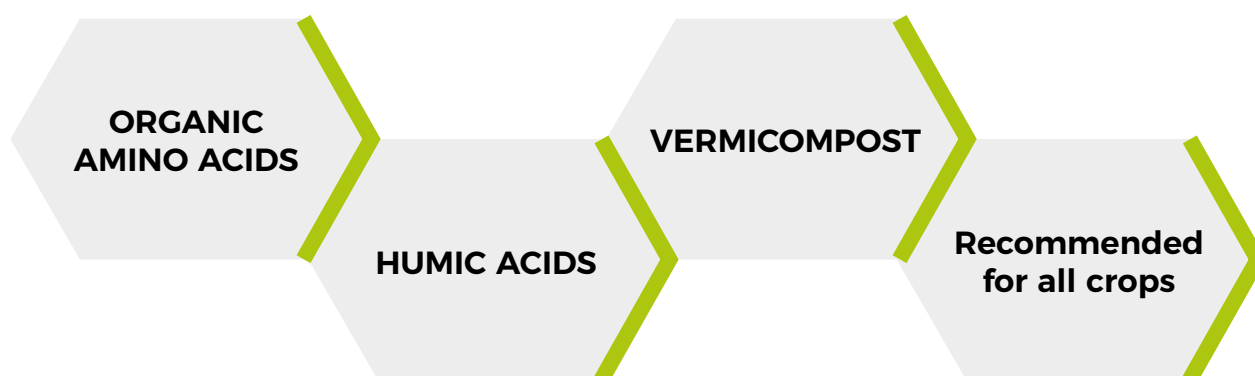
BIO OSTARA N

BIO OSTARA N

packaging 500 kg / 1000 kg

BIO OSTARA N is a 100% natural, organic fertilizer, containing high levels of organic nitrogen, because of the amino acids that are part of its composition. Through the way of application and special formula, the product is instantly available, without losses, ensuring the nitrogen necessary to plants rapidly developing.

The humic acids and amino acids directly contribute to the healthy growth of plants and roots.



The innovative formula of OSTARA N grains

The BIO OSTARA NPK grains were designed so that all the nutritious elements present in the product would be available immediately after application.

This is the reason why organic fertilizer BIO OSTARA NPK decisively contributes to the optimal development of plants.

Instructions for use

- The 3-5 mm granulation of the innovative product BIO OSTARA NPK allows uniform distribution on farmlands
- BIO OSTARA NPK can also be administered at sowing, in a dosage of 75kg/ha

BIO OSTARA N granulated soil fertilizer content

- organic amino acids
- humic acids
- vermicompost

Dosages and recommended treatments

- **Small-grain cereals (wheat, barley, triticale, spring barley): 150-200 kg / ha**
- **Corn / Sunflower: 150-200 kg / ha**
- **Rapeseed: 150-200 kg / ha**

BIO OSTARA N is in accordance with regulation (CE) 889/2008 of applying regulation 834/2007, Annex II and is accepted as input in the organic agriculture.



NOROFERT ORGANICS



GRANULATED SOIL FERTILIZERS

BIO MAYA P

BIO MAYA P

packaging 500 kg / 1000 kg

BIO MAYA P is a 100% natural, organic fertilizer, containing high quantities micronized mineral phosphorus (powder). Through the way of application and special formula, the product is instantly available, without losses, ensuring the nitrogen necessary to plants rapidly developing. The humic acids and amino acids directly contribute to the healthy growth of plants and roots.



Innovative formula of MAYA P grains

The MAYA P grains were designed in the Norofert Organics labs so that all the nutritious elements present in the product would be available immediately after application.

This is the reason why organic fertilizer MAYA P decisively contributes to the optimal development of plants.

Instructions for use

- The 3-5 mm granulation of the innovative product BIO MAYA P allows uniform distribution on farmlands.
- BIO MAYA P can also be administered at sowing, in a dosage of 75kg/ha

BIO MAYA P granulated soil fertilizer content

- mineral phosphorus
- vermicompost
- humic acids

Dosages and recommended treatments

- **Small-grain cereals (wheat, barley, triticale, spring barley): 150-200 kg / ha**
- **Corn / Sunflower: 150-200 kg / ha**
- **Rapeseed: 150-200 kg / ha**

BIO MAYA P is in accordance with regulation (CE) 889/2008 of applying regulation 834/2007, Annex II and is accepted as input in the organic agriculture.



BIOCHAIN TEHNOLOGY

Nature is an alive organism, in constant change and dynamic, and it has been working under its own laws, way before man came along and decided to intervene.

Microorganisms, bacteria and even viruses interact and in most cases they work together with the result being a spectacular one, every single time.

To understand the way nature works, first of all we need to look at everything as if it were a chain.

We all know what would happen to the whole Earth if bees were to disappear. Every living being, bacteria or microorganism has a very well established role in this chain and it represents a link.

Regarding our area of interest, we understand the fact that a production cycle, no matter the crop, also implies, apart from the necessary fertilizers, treating the seeds, the soil and the plants with antifungal products and insecticides.

Maybe many of you have wondered many times how do plants get sick. An explanation plain to everyone is the following: when the environment is conducive for diseases (sudden changes in temperature, high humidity etc), diseases(which are, at base, microorganisms/fungi/live viruses) get into the plants through stomates (or through the cellular walls in the recently sown seeds), causing significant damage or compromising the entire crop.

In conventional agriculture, farmers use products based on very complex chemical molecules that have the role to destroy these pathogens. Most certainly, part of those who will read this material will agree with the next statement: "diseases develop resistance." That is why fitosanitary products producers recommend alternating them, to avoid developing a resistance to certain active substances.

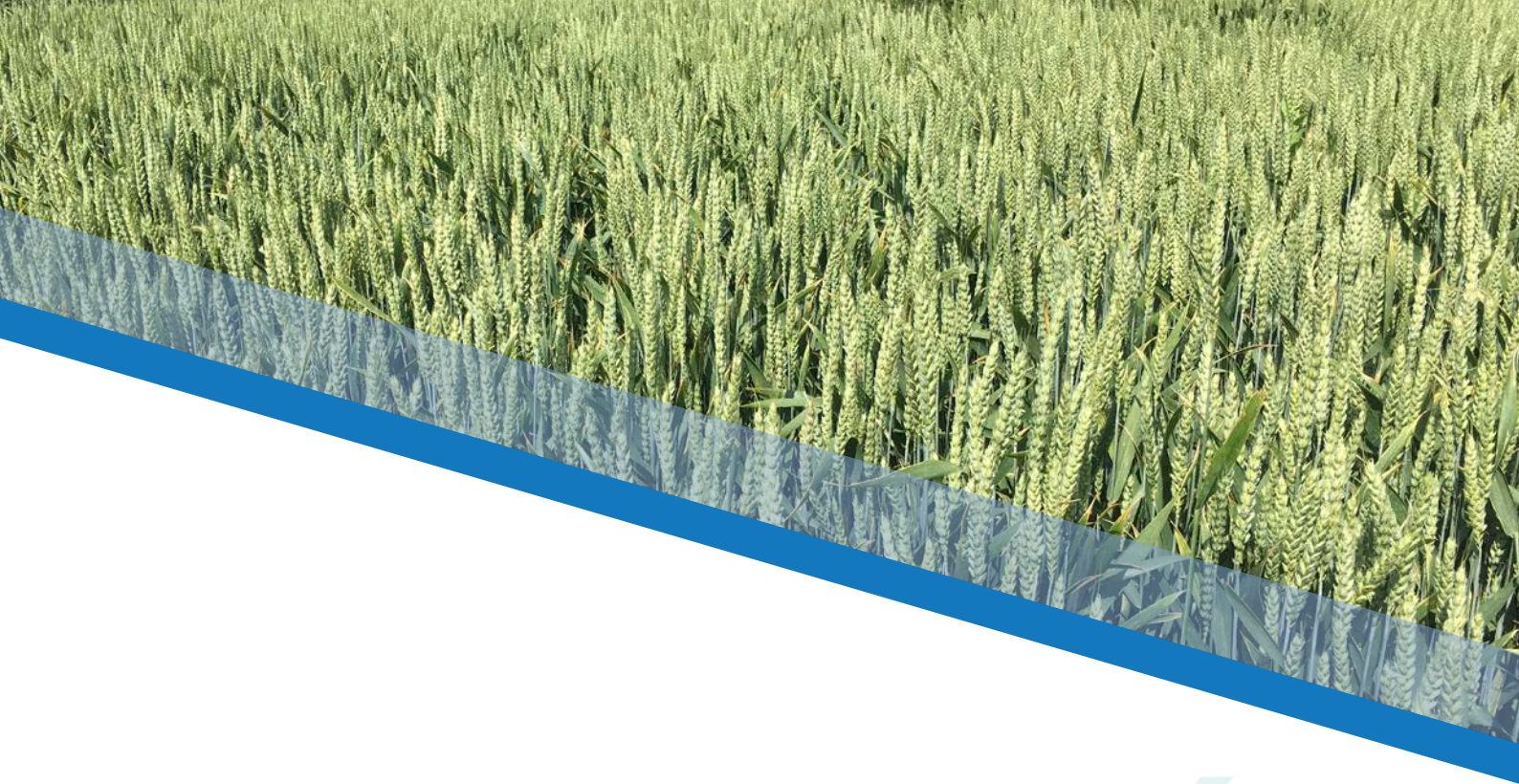
In organic agriculture, because chemical molecules are not allowed, organic fitosanitary products producers focused their attention on certain microorganisms, bacteria and fungi, that would have the role to stop the pathogens.

In case of using such products, the risk of developing resistance to the “active substance” is nonexistent, because the way these fitosanitary products work is totally different: with foliar application on plants/ seeds, the microorganism/bacteria/fungi within the mentioned products will cover the plants/ seeds and this way the pathogens can't get into the plant, because the access places would have already been occupied. (when treatments are applied preemptively).

It is good to know and mention that prevention is mandatory when discussing about organic agriculture. For crops to be protected, it is recommended that fitosanitary products be applied preemptively.

By approaching the problems of conventional agriculture we will see that they are increasing and in a continued dynamic because of one common factor: eliminating live organisms from seed, soil and plant treatments.

It's no secret that intensively applying pesticides (insecticides, antifungal products, growth regulators etc.) will destroy pathogens (foliar diseases, fruit diseases, stem wasp etc.), but also the microorganisms that are beneficial to plants, insects and other live organism good for the soil (nitrogen fixing bacteria, bacteria that help the decomposition of vegetal materials, worms that are no threat to plants etc.)



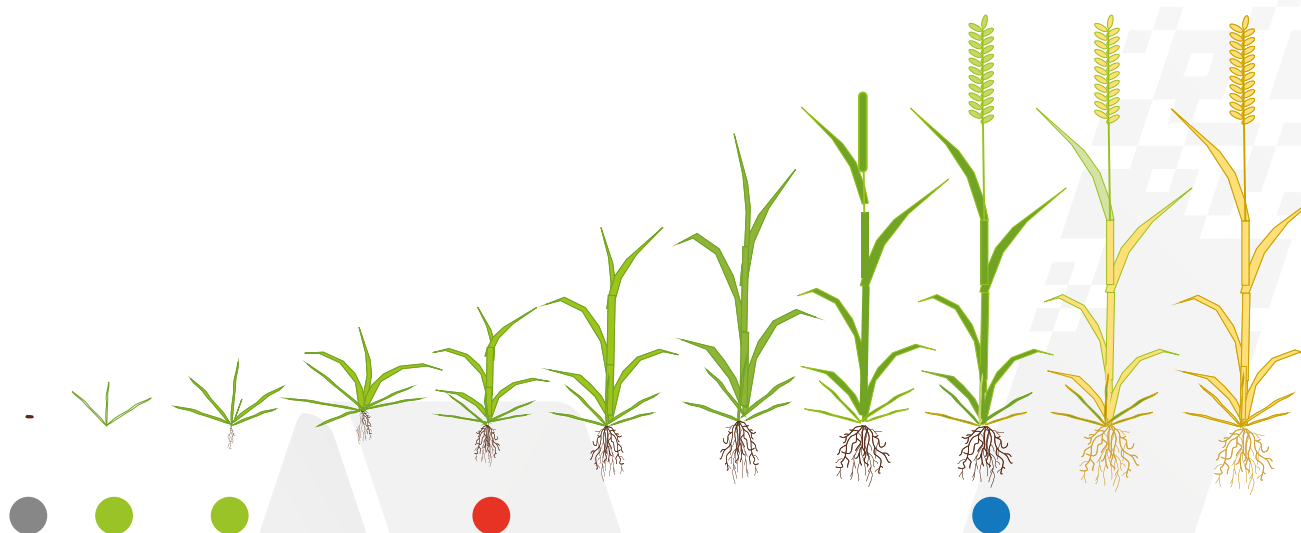
Norofert Organics comes with a new and bold approach: the application of a technology that would take account of this live chain (BIO CHAIN TECHNOLOGY), by using 100% organic fertilizers and fitosanitary products, based on vegetal raw material, animals, bacteria and microorganisms from nature, beneficial to plants and soil.

Each product has a very well defined role and it represents the healthy predecessor of the next product which has a very clear role,as well.

The “biochain” technology that our firm came up with entails a number of X effective, interconnected products.



Biochain Technology for wheat, barley/triticale



1. Seed treatment

- FREYA SEED (2 tab. / tonne)
- GERMINOSEED (2 tab. / tonne)
- BIO CERES NPK (100 kg at sowing)

2. Growth stage: until the first internode

- Aminotop N (1 tablet / ha)
- Aminotop Ultra (1 tablet / ha)
- Buster (1 tablet / ha)

3. Growth stage: until the flag leaf

- Aminotop (2 tablets / ha)
- Aminotop N (1 tablet / ha)
- Aminotop S+Mg (1 tablet / ha)
- BIO OSTARA N (150-200 kg / ha)
- Athos (1 tablet / ha)

4. Growth stage: at bellow

- Aminotop (2 tablets / ha)
- Aminotop N (1 tablet / ha)
- Aminotop S+Mg (1 tablet / ha)
- Athos (1 tablet / ha)

Biochain Technology for rapeseed



1. Seed treatment

- FREYA SEED (10 tab. / tonne)
- GERMINOSEED (10 tab. / tonne)
- BIO MAYA P (100 kg at sowing)

2. Growth stage: 2-4 leaves

- Aminotop Bor
- Buster (1 tablet / ha)
- Athos (1 tablet / ha)

3. Growth stage: 4-8 leaves

- Buster (1 tablet / ha)
- Aminotop BOR (2 tablets / ha)
- Aminotop N (1 tablet / ha)
- Aminotop Ultra (1 tablet / ha)
- Athos (1 tablet / ha)
- BIO OSTARA N (150-200 kg / ha)

4. Growth stage: before blooming

- Buster (1 tablet / ha)
- Aminotop BOR (2 tablets / ha)
- Aminotop N (1 tablet / ha)
- Aminotop Ultra (1 tablet / ha)

5. Growth stage: at/during blooming

- Buster (2 tablets / ha)

Biochain Technology for sunflower



1. Seed treatment

- FREYA SEED (10 tab. / tonne)
- GERMINOSEED (10 tab. / tonne)
- BIO MAYA P (100 kg la tonne)

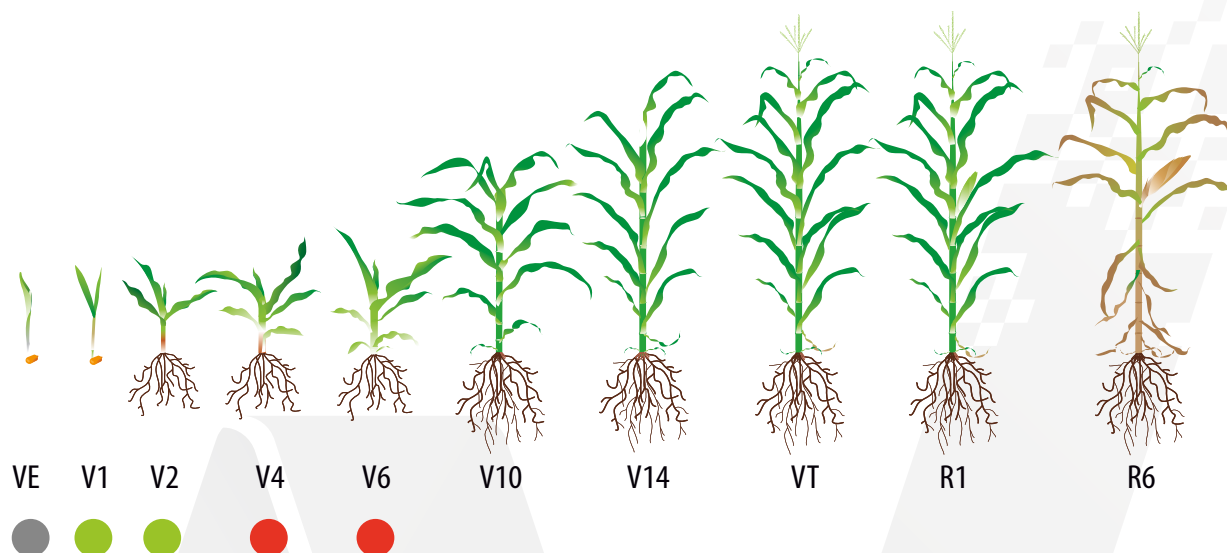
2. Growth stage: 2-4 leaves

- Aminotop N (1 tablet / ha)
- Aminotop Ultra (1 tablet / ha)
- Aminotop Bor
- Buster (1 tablet / ha)

3. Growth stage: 4-8 leaves

- Aminotop BOR (2 tablets / ha)
- Aminotop N (1 tablet / ha)
- Aminotop Ultra (1 tablet / ha)
- Athos (1 tablet / ha)
- Porthos (1 tablet / ha)
- BIO OSTARA N (150-200 kg / ha)

Biochain Technology for corn



1. Seed treatment

- FREYA SEED (10 tab. / tonne)
- GERMINOSEED (10 tab. / tonne)
- BIO CERES NPK (100 kg at sowing)

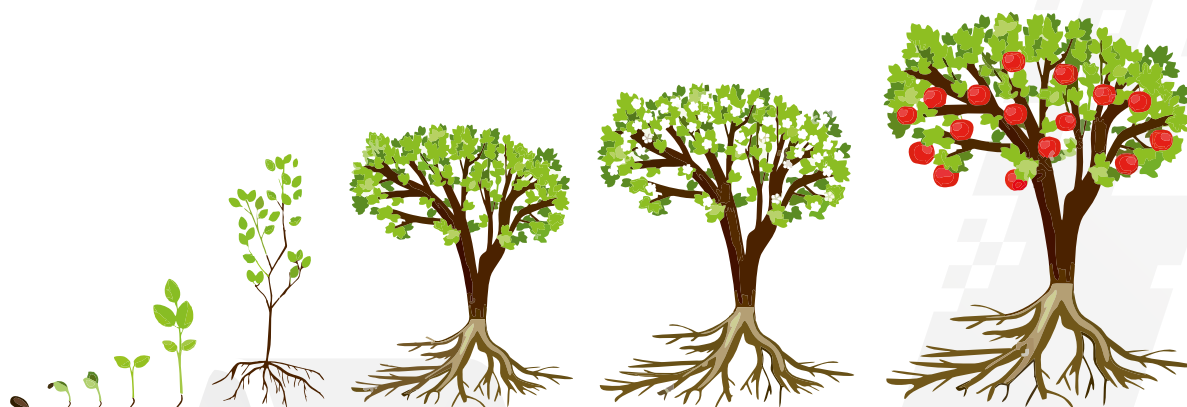
2. Growth stage: 2-4 leaves

- Aminotop N (1 tablet / ha)
- Aminotop Ultra (1 tablet / ha)
- Buster (1 tablet / ha)

3. Growth stage: 4-8 leaves

- Aminotop Zn (2 tablets / ha)
- Aminotop N (1 tablet / ha)
- Aminotop Ultra (1 tablet / ha)
- BIO OSTARA N (150-200 kg / ha)

Biochain Technology for fruit trees



Treatment 1 – Before entering Winter

- ATHOS (2 tablets / ha in 500 liters of water)

Treatment 2 - February

- ARAMIS (3 tablets / ha)

Treatment 3 - March

- ARAMIS (1 tablet / ha)
- Aminotop Ultra (3 tablets / ha)
- BUSTER (3 tablets / ha)

Treatment 4 - April

- ARAMIS (1 tablet / ha)
- Aminotop Ultra (3 tablets / ha)
- Aminotop Bor (1 tablet / ha)
- BUSTER (3 tablets / ha)

Treatment 5 - May

- ARAMIS (1 tablet / ha)
- Aminotop Ultra (3 tablets / ha)
- Aminotop Bor (1 tablet / ha)
- TERMINATOR BT (3-5 tablets / ha)

2. Growth stage: until the first internode

- Aminotop N (1 tablet / ha)
- Aminotop Ultra (1 tablet / ha)
- Buster (1 tablet / ha)

3. Growth stage: until the flag leaf

- Aminotop (2 tablets / ha)
- Aminotop N (1 tablet / ha)
- Aminotop S+Mg (1 tablet / ha)
- BIO OSTARA N (150-200 kg / ha)
- Athos (1 tablet / ha)

4. Growth stage: at bellow

- Aminotop (2 tablets / ha)
- Aminotop N (1 tablet / ha)
- Aminotop S+Mg (1 tablet / ha)
- Athos (1 tablet / ha)

Biochain technology for grapevine



To get maximum results (genetic potential), it is very important to apply all 12 treatments from the application graphic in conventional viticulture:

Treatment 1:

- ARAMIS (1 tablet / ha)
- Aminotop Ultra (3 tablets / ha)
- BUSTER (3 tablets / ha)

Treatment 2

- ARAMIS (1 tablet / ha)
- Aminotop BOR (3 tablets / ha)
- BUSTER (3 tablets / ha)

Treatment 3

- ATHOS (1 tablet / ha)
- Aminotop BOR (1 tablet / ha)
- BUSTER (1 tablet / ha)
- Aminotop Ultra (1 tablet / ha)
- Aminotop N (1 tablet / ha)

Treatment 4

- ATHOS (1 tablet / ha)
- Aminotop BOR (1 tablet / ha)
- BUSTER (1 tablet / ha)
- Aminotop Ultra (1 tablet / ha)
- Aminotop N (1 tablet / ha)

Treatment 5

- ARAMIS (1 tablet / ha)
- Aminotop BOR (3 tablets / ha)
- BUSTER (3 tablets / ha)

Treatment 6

- ATHOS (1 tablet / ha)
- Aminotop Ultra (3 tablets / ha)
- Aminotop Mg+S (2 tablets / ha)
- BUSTER (1 tablet / ha)

Treatment 7

- ATHOS (1 tablet / ha)
- Aminotop Ultra (3 tablets / ha)
- Aminotop Mg+S (2 tablets / ha)
- TERMINATOR BT (3 tablets / ha)

Treatment 8

- ARAMIS (1 tablet / ha)
- Aminotop BOR (2 tablets / ha)
- Aminotop Mg+S (1 tablet / ha)
- Aminotop Ultra (1 tablet / ha)
- TERMINATOR BT (3 tablets / ha)

Treatment 9

- ATHOS (1 tablet / ha)
- Aminotop BOR (1 tablet / ha)
- BUSTER (1 tablet / ha)
- Aminotop Ultra (1 tablet / ha)
- Aminotop N (1 tablet / ha)

Treatment 10

- ARAMIS (1 tablet / ha)
- Aminotop BOR (1 tablet / ha)
- BUSTER (1 tablet / ha)
- TERMINATOR BT (2 tablets / ha)

Treatment 11

- ARAMIS (1 tablet / ha)
- Aminotop BOR (1 tablet / ha)
- TERMINATOR BT (1 tablet / ha)

Treatment 12

- ARAMIS (1 tablet / ha)
- Aminotop BOR (4 tablets / ha)
- BUSTER (3 tablets / ha)
- TERMINATOR BT (3 tablets / ha)



NOROFERT ORGANICS

Str. Dr. Robert Koch nr. 2, București, România

www.norofert.ro





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