Jito Horm®

... PLANT NATURALLY DESERVES IT

PACKAGE DEALS

GRAIN PACKAGE:

FitoHorm Grain 20 L + FitoHorm Turbo Sulfur 20 L (7 ha / package)



RAPE PACKAGE:

Polyboron 140 20 L + FitoHorm Turbo Sulfur 20 L (7 ha / package)



CORN PACKAGE:

FitoHorm Turbo Nitrogen 100 L + FitoHorm Turbo Zinc 20 L (10 ha / package)



SUNFLOWER PACKAGE:

Polyboron Plusz 20 L + FitoHorm Turbo Potassium 20 L (10 ha / package)



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DEAR FARMER!

The unfavorable economic processes of the last years led to a significant increase in the prices of input materials, while the prices of crops began to fall very steeply. These two negative factors left their mark on the year 2023. This year's harvest also brought more bad news: the expected yields fell short, the hectoliter weights and other internal content parameters became weak.

I have a question, dear Farmers! We did everythingwhat was up to us, where did we spoil it, where did we make a mistake this year?

Unfortunately, we cannot influence the prices of crops and input materials, but we must manage rationally, otherwise we will continue to move in the wrong direction.

You don't have to think about big things here, fine-tuning well-proven technologies are usually enough. A well-timed foliar fertilizer treatment is often enough to help the plant move past the dead point.

I respectfully ask everyone to ensure that keeping the rolling HUFs does not come at the expense of foliar fertilizers. FitoService's leaf analysis is one of the best aids for implementing correct and reasonable foliage fertilization. Without using of fertilizers, we cannot exploit the plant's maximum yield potential. This is especially true for foliar fertilizers. The replacement of many meso- and microelements through the leaves also helps the plants absorb nutrients through the soil. FitoHorm products have been manufactured under the supervision of experienced and expert chemists since the establishment of our company. By using our products, we provide our partners with a wide range of solutions. In 2024, the product range of Fitohorm Kft. will be expanded with the following products:

- In addition to our existing Herbal plant conditioner, two new biostimulator products arrive, FulvoN and FulvoMax,
- the list of Turbo products is also expanded with the long-awaited Turbo Molybdenum,
- finally, the ECO product line comes next to the Turbo product line,
- including EcoBoron EcoCopper and EcoActiv products.

Our product catalog aims to provide guidance for the professional use of Fitohorm products, but if you have any further questions, our trained herbal medicine consultants are also at your disposal. We work in close cooperation with wholesalers of plant protection agents and fertilizers found throughout the country, from whom our products can be obtained easily and quickly.

We want to thank our old partners for their trust, and we ask the new ones to use our products boldly, which will surely earn their trust!

We would like to wish everyone good health, good luck and good economic results provided by FitoHorm products!

Sincerely,

Ja Altila



n' Da

FORRAI DUSÁN Company Manager

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HOBBY

ORGANIC FARMING

Organic farming and the FitoHorm

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ABOUT FOLIAR FERTILIZERS CHELATIZED MICRO-ELEMENT FERTILIZER AND THE FITOHORM!

FITOHORM KFT is committed to chelated, true solution foliar fertilizers, based on licensing experiments 38 years ago and in the light of practical experience to date.

Chelates are metal complexes of special structure, with ligands surrounding the metal ion in a "chelate" (Greek "chelate") and thus forming stable metal ring complexes. Because of their water solubility and stability, metal chelates can be used as both spray and soil fertilizers. The use of chelated micronutrient foliar fertilizers allows for a more even distribution of nutrients, which in itself provide good adhesion and therefore better utilization as these formulations penetrate the waxy cuticle of the leaves more easily and guickly.

DISPERSE SYSTEMS:

The **pure salts**, due to their unformulated nature, have inadequate foliar efficacy.

An **emulsion** is a colloid in which particles of a liquid are dispersed in another insoluble liquid. As these products are referred to as a kind of physical solution, it is difficult and slow to take up the active ingredient.

The **suspension** is a mixture in which there is no dissolution of the components. Most commonly, a mixture of solid particles suspended in a liquid is referred to as a suspension. After some time, the heavier components settle on the bottom of the vessel (gravity separation; settling). Usually a group of particles larger than 500 nanometers distributed in a liquid. Often unstable, their mixability and application time are significantly more critical. Floating solids particles are much more difficult to penetrate into plants due to their size, so they have a much lower efficiency than true solution foliar fertilizers.

Az **solution** is a multi-component system (mixture) in which one component is usually present in greater amounts (solvent) than the other components (solute).

The **Real solutions** can be classified as homogeneous dispersion systems. Among the components, the solvent (continuous medium) was highlighted, the rest being the dissolved (dispersed) material. In real solutions, the particles have a particle size of 0.1-1 nm.

The nutrient requirement of a rapidly developing stock often exceeds the nutrient uptake capacity of the roots. In case of unfavorable soil conditions (compaction, sludge, drought, etc.) or extreme weather conditions (drought, too cold weather, leaching losses, etc.), nutrient uptake becomes inhibited. In these cases, well-applied foliar fertilization is an effective aid to the stock, as the necessary nutrients can be quickly and purposefully introduced into the plants. The most effective means of this is chelating agents. Chelated leaf fertilizers are widely used to improve the nutritional status of micronutrient deficient populations.

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Advice based on soil and leaf studies, which Fitohorm KFT has been using successfully since 1980, facilitates the correct selection of trace elements. We also encourage our new partners to carry out these tests prior to a reasonable nutrient supply.



the particles	real solutions	colloidal systems	heterogeneous systems (suspension)
size	0,1-1 nm	1-500 nm	500 nm
visibility	invisible	with ultra and electron microscope	with light microscope
deposition	don't settle	don't settle	willingly takes place
ilterability on a paper filter	no filterable	no filterable	filterable
example	sugar solution	sugar solution	plant protection solution with elemental sulfur



Chelated formulations can be stored in solution for a much longer period of time without the risk of precipitation, and are more problematic when co-applied with pesticides. The use of chelated micronutrient foliar fertilizers allows for a more even application of nutrients, which in themselves provide good adhesion and therefore better utilization as these formulations penetrate the waxy cuticle of the leaves more easily and quickly. Chelates can also be ranked based on different parameters. The best known of these is EDTA (ethylenediamine tetraacetate), the most modern and the most environmentally friendly is EDDHSA ethylene diamine-N, N'-bis [(2-hydroxy-5-sulfo) ferric acetate]. Fitohorm KFT foliar fertilizers are chelated with EDDHSA chelator, which has Reach registration.

(EDDHSA: Unique Micronutrient Enhancement Formula is an organic chelating molecule. With its amino acid formula, it brings microelements into the form most easily absorbed by the plant. Numerous plant experiments have proven its effectiveness. It does not have the disadvantage of EDTA.)



	PH stability (>7)	efficiency of absorption	duration of effect
EDTA	•	•	•
STPA	• •	• •	• •
EDDHMA	• • •	• • •	• •
EDDMA	• • •	• • •	• • •
EDDHSA	• • • •	• • • •	• • • •

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FITOHORM SMALL BOOK WHAT, WHEN, WHAT TO USE IT FOR?

> Seed treatment (dressing)

Why use Fitohorm dressing material?

- » Because it provides the necessary nutrients for the germinating seeds - until the root and foliage of the seeding is formed,
- » Because it improves the germination power and percentage of seeds with lower germination capacity (older items),
- » Because it accelerates the growth of plants and thus ensures uniform emergence,
- Because it allows the plant to excel in rooting: faster access to deeper, nutrient-rich layers of soil - and more efficient nutrient uptake from these layers,
- » Because it increases the resistance of the plant to adverse environmental conditions at germination (drought, inland water, cold).

> ROOTING

Occasionally, the rate of growth is even unsatisfactory, even with a higher root mass, because the root system is unable to absorb sufficient nutrients due to its rapid development. It is more common that nutrient uptake is inhibited for some environmental reason (eq drought). It is important for the nutrient uptake to have the root as early and as large as possible, since only plants with a strong root can withstand environmental stress and can subsequently produce high vields. Root cultivation requires a lot of energy and its production and transport must be accelerated. For this, it is important to create the largest possible root mass.

OUR PRODUCT RECOMMENDED FOR SEED DRESSING:

- » MicroMax (2-3 liter/seed ton)
- » Fitohorm MagMAX (4-5 liters/ton of seed)





OUR RECOMMENDED PRODUCTS FOR ROOTING:

Prymary effect:

- » FitoHorm Turbo Magnesium
- » FitoHorm 30 P
- » Fitohorm Turbo Start

Secondary effect:

» EcoActiv

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» FitoHorm Turbo Macro



> Growth-incentive (green weight increasing)

It is extremely important to know the agrotechnical optimum of each plant, and in particular the specific nutrient requirements of the varieties / hybrids, which ensure the optimum yield and maximum yield under specific ecological conditions. Without the right amount of green mass, plants cannot be expected to produce high yields.

OUR RECOMMENDED PRODUCTS FOR QUALITY IMPROVEMENT AND MATURITY ACCELERATION:

Our primary effect products:

- » FitoHorm Turbo Nitrogen
- » FitoHorm 14 N
- » FitoHorm Complex Plus

Our secondary effect products:

» FitoHorm Turbo Sulfur



Stimulation of crop fixation

The basis of our yields is the sum of the bound fruits. Unfortunately, the ideal circumstance is very rare during the harvesting season, so stimulating it is of utmost importance in Hungary. There are two ways we can promote FitoHorm products at the same time:

1. Stimulate pollen production to increase pollen production. This will increase the likelihood of the stigma getting into pollen.

2. Another method is to increase the stamina's capacity to stay wet for longer, to adhere to the pollen, and to provide enough power to shoot the pollen tube.

OUR RECOMMENDED PRODUCTS:

- » Polyboron 140
- » Polyboron Plus
- » FitoHorm 10 B
- » EcoBoron



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> Maturation acceleration, quality improvement

There are several reasons for accelerating the maturation process: unfavorable environmental conditions, market, work organization or extremes (gluten, color, sugar level, etc.). Each is a strong argument for using a maturation accelerator!

OUR RECOMMENDED PRODUCTS FOR QUALITY IMPROVEMENT AND MATURITY ACCELERATION:

- » FitoHorm Turbo Potassium
- » FitoHorm Complex Plus Agro
- » FitoHorm 39 K



> Our products that can be mixed with liquid UAN solutions:

The use of UAN solutions (Nitrosol, Nikrol, etc.) as head fertilizers is a very widespread method in our country in early spring. Its utilization through the foliage and its scorch-free application, in all cases, depends on the chemical form and weather conditions. Thanks to the combined effect, our micronutrient foliar fertilizers, which can be applied in one pass with various UAN solutions, are utilized and activated even faster in the plant. In our products, the active ingredients and the chelating molecule are mixed both physically and chemically without any damage. Thanks to their mixability, they allow targeted micronutrient replacement at no additional cost.

OUR RECOMMENDED PRODUCTS FOR MIXING (1-2% ACTIVITY):

- » FitoHorm Bio Grain
- » MicroMax
- » FitoHorm Turbo Sulfur
- » FitoHorm Turbo Copper
- » FitoHorm Turbo Zinc
- » FitoHorm Turbo Potassium
- » Polyboron 140
- » Polyboron Plus
- » Fitohorm Turbo Start
- » EcoActiv

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> Nitrogen deficiency (N)

Dwarf growth: Due to the lack of N, the growth of the plant is inhibited and therefore unable to reach the ideal size. The inhibitory effect is exerted by longitud

N-deficiency is characterized by "stiffness", which is manifested on the stem and leaves.

Nitrogen deficiency always first shows signs of **yellowing** and necrosis on older leaves and plant parts while the younger parts of the plant retain their green color for a long time. Symptoms of N-deficiency differ from other deficiency diseases in that the reddish tones on the leaves always accompany the lighter green or yellow color of the whole plant.

In case of N-deficiency use **Fitohorm 14 N nitrogen** solution or **FitoHorm Turbo Nitrogen** foliar fertilizer.





> Phosphorus deficiency (P)

Symptoms of P deficiency are less characteristic than other deficiencies. In many cases, the affected plant may give the appearance of N-malnutrition or optimal nutrient supply. Anthocyanin formation associated with P deficiency may result in reddish, purple, or dark purple discoloration. In cereals, this can occur mainly on the leaf pod and stalk, in the corn itself on the leaf, while on other plants it can occur on the back or possibly on both sides of the older leaves.

Symptoms often **first appear only on older leaves.** The plant produces only tiny, mostly deformed flowers. P-deficiency reduces the quality of cereals in the bakery industry and prevents the starch fro

In case of P deficiency use FitoHorm 30 P solution, FitoHorm Turbo Macro or FitoHorm Turbo Start fertilizer.





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HIÁNYTÜNETEK





> Potassium deficiency (K)

Insufficient K supply can be recognized even before the appearance of obvious symptoms of deficiency. **K-deficient plants**, due to disturbances in the turgor regulation and stomach mechanism, **lose sleep faster** in dry, warm, sunny days than well-potassium-rich plants.

K-deficiency begins with yellowing on the older, lower leaves, beginning at the apex of the leaves, and later the **tissue between the leaves becomes dry.** In monocotyledons, K-deficiency symptoms always start at the apex of the leaves and spread most rapidly along the edges towards the leaf base.

The K-deficiency results in reduced plant resistance to disease, drought and cold tolerance and deterioration in fruit coloring. In case of K-deficiency use FitoHorm 39 K potassium solution or FitoHorm Turbo Potassium fertilizer.





> Magnesium deficiency (Mg)

Characteristic symptoms of **Mg deficiency**, first of all on the older leaves, stem from the destruction of chlorophyll. Deficiency symptoms can also begin on the younger leaves if the plant grows very fast and the magnesium is not transported sufficiently from the older leaves..

In grasses and cereals, due to local chlorophyll accumulation, older leaves, along the veins, exhibit a **bead-like marble appearance** while the rest of the leaf leaf retains its green color. Keeping the letter light, this phenomenon is particularly visible. Later, pale green or yellowish green chloroses occur. The yellowing extends from the apex and the margin of the leaf to the base of the leaf.

In case of Mg deficiency use **FitoHorm 24 Mg magnesium** solution, **EcoActiv** or **FitoHorm Turbo Magnesium** foliar fertilizer.

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> Sulfur deficiency (S)

Sulfur deficiency, like nitrogen deficiency, appears as a vellowish-green or markedly vellow color, which makes it difficult in many cases to distinguish the deficiency symptoms of the two elements ...

The obvious difference between sulfur and nitrogen deficiency is that the former usually first appears on the youngest leaves. In this case, older leaves do not die as with nitrogen deficiency. Sulfur-deficient plants are lower than normal, and when deficient, they grow stubbornly, as do nitrogen-deficient plants. The leaves are smaller, often narrower. In the case of a deficiency of sulfur, protein production deteriorates, along with the baking industry parameter, and the oil content of the oil plants decreases.

In case of S-deficiency use Fitohorm Turbo Sulfur. Fitohorm Turbo Potassium or EcoActiv.





> Boron deficiency (B)

Boron deficiency always occurs on the youngest leaves and on the tops of the shoots and roots. Boron deficiency manifests itself in a variety of visually detectable morphological changes, such as

- » Chlorotic discoloration of the youngest rosette leaves:
- » Shorter flavors:
- » Terminal bud and shoot death;
- » Leaf stalk, stem paralysis and run-up;
- » Less flower and seed training combined with kicking of seed boxes;
- » Inhibited root growth with abnormal root formation abnormally;
- » Brown blotch, vitrification, dry rot, loose tissue, often with cavities in the fruit. carrot. torso. especially near the bundles and conveying tissues.

In case of B-deficiency use EcoBoron, FitoHorm 10 B boron solution, Polyboron 140 or Polyboron Plus foliar fertilizer.





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> Calcium deficiency (Ca)

Ca-deficiency is strongly correlated with the functions of calcium in the plant. Symptoms first appear on the youngest and most diffusing organs, so the growth of the plants is inhibited and their bushiness is bushy. The youngest leaves, which are primarily affected, are usually smaller, deformed, and their tips and edges curl in a spoon. The edge of the leaf is irregular. Starting from the edges and especially from the apex, spreading to the intervertebral fields, there is chlorotic scab and coherent chloroses, which produce brown, necrotic, over time patches. Occasionally, the leaf disc may also develop necrosis. It is characteristic of Cadeficiency that the color of the vessels, even on fully necrotized leaves, is always darker than that of the intercostal fields.

In the case of poor Ca supply, the otherwise normally developing plant may have a sudden onset of so-called. "Softening of the stalk" or "fracture of the stalk".

LACK OF CALCIUM CAN CAUSE MANY OTHER SYMPTOMS AS EXAMPLES:

- » Cereals often have only frivolous eyes
- » In spring intensive growth of rape , rape stems and cracks not caused mainly by the cold,
- » Common beans, locusts, mustard and alfalfa often kick their flowers,
- » With peppers "Sunburn", a dry dead crop of fruit,
- » Melons and tomatoes show" peak "and" flower peak rot ", especially at high temperatures,

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» On the lettuce there is a tan.

For Ca deficiency use FitoHorm 40 Ca calcium solution or FitoHorm Turbo Calcium foliar fertilizer.

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> Copper deficiency (Cu)

The occurrence of copper deficiency can fluctuate significantly from year to year, depending on the weather conditions at the same site. In drier years, copper deficiency is more common in the early stages of juvenile development. **Copper deficiency is very difficult to detect with the eyes**. Symptoms usually **first appear on the leaf, still on very active metabolic leaves and organs.** Copper deficient plants often produce higher vegetative masses, but severe disturbances occur during the generative developmental phase. Mostly fruit trees are characterized by an increased grafting of side buds. In the case of copper deficiency, the herbaceous species may exhibit sustained wilting, the formation of "flaccid" tactile leaves, leaf blemishes, or leaf deflection.

In case of Cu deficiency use **EcoCopper, FitoHorm 63 Cu** Copper Solution or **FitoHorm Turbo** Copper Fertilizer.





> Iron deficiency (Fe)

Iron deficiency is still the most difficult remedy for deficiency disease, which can cause significant damage and loss of yield to certain crops and certain soils. At a slight deficiency, **the youngest leaves of the plant lighten to yellowish-green**. As the deficiency increases, the interstitial fields become yellow to orange or orange. The discoloration is manifested on the youngest leaves, in the form of a chlorotic stripe covering the entire leaf. The younger the leaf, the more intense the symptoms of specific chlorosis appear. In the case of a very severe deficiency, the youngest leaf emerging is yellowish-white or almost white, or only green at the base of the leaf, contrasting sharply with the other leaves.

In case of Fe deficiency use iron solution **FitoHorm 55** Fe or FITO-FERR T-3.





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> Manganese deficiency (Mn)

Chlorophyll is degraded in manganese deficient cells. As a result, the cells lose their green color and small, yellowish-green, tiny, punctate necrosis first develops in the smaller blood vessels, initially confined to areas farther from the blood vessels and exhibiting light spots in the incident light. The spots will turn yellowish white.

In the case of persistent deficiency, the flesh of the leaves also becomes chlorotic, leaving only a narrow green border around the vein at the base of the leaf. Symptoms of manganese deficiency are most often found on leaves of younger or middle age, and are most pronounced on leaves closer to the base. At high levels of growth inhibition due to manganese deficiency, **reduced flower and fruit production, weak leaf and root growth** can also be observed.

For Mn deficiency use **FitoHorm 54 Mn Manganese** Solution or **FitoHorm Turbo Manganese** Fertilizer.





> Zinc deficiency (Zn)

Zinc deficiency develops in plants in different ways, which can be:

» Small leaf

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- » Rosette
- > Chlorotic congestion due to patchy chlorosis in the intervertebral fields, which gives the leaves a mosaic appearance.

Since zinc plays an important role in auxin metabolism, the deficiency symptoms are also due to auxin deficiency. Thus, the leafy foliage, coupled with smaller or larger leaf deformation, and the growth inhibition coupled with rosette formation due to shorter flavors, are considered to be typical symptoms of zinc deficiency. In maize, in the case of a deficiency of zinc, the development of fertilization disorders is very noticeable, which is often accompanied by the formation of small deformed grains.

For Zn deficiency, use **FitoHorm 65 Zn Zinc** Solution or **FitoHorm Turbo Zinc** Fertilizer.



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RECOGNITION OF DEFICIENCY SYMPTOMS

B Ca	Visual deficiency symptom		Fading leaves, yellow	ving N - de f	f
	On old loof	- E	Purple, magenta	P - dei	f
S Fe	On old lear	- C	Blade necrosis	K - dei	f
		E	Yellowing between l	eaf veins Mb - def	f
Mn Cu					
	Y	Yellowin	g	S - def	
Zn	L	eaf ben	id, distortion B	- and Ca - def	
		Yellowin	g between leaf vein	Fe - def	
Mg		_eaf blot	tching, perforation	Mn - def	
	S	Small, sti	iff leaf	Zn - def]
	C	Curled b	rown leaf	Cu - def	
· · · · · · · · · · · · · · · · · · ·					
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NUTRITIONAL CAPACITY ON THE SOIL PH FUNCTION

The diagram shows that as the pH increases, the uptake of many trace elements in the soil is greatly reduced. This is especially true for iron and manganese. From the diagram you can see which nutrients are blocked by the host, so effective replenishment of these nutrients by foliar fertilization is essential.

	Ver	y acid	Moderately acid	Slightly acid	Very slightly acid	Very slightly calcic	Slightly calcic	Moderately calcic	Very calcic
					NUTD				
					NITK	JGEN			
					PHOSP	HORUS			
-					ΡΟΤΑ	SSIUM		· · · · ·	
					SUL	FUR			
					CALC	CIUM			
					MAGN	ECILINA			
					WAGN				
			IRON						
		MAN	IGANESE						
		B	ORON						
		CODDER		~					
		COPPER							
-									MOLYBDENUM
.0	4.5	5.0 5	5.5 6.0	6.5	7.0	7.5	8.0	8.5	9.0 9.5 1

HOW EFFECTS SOIL PH ON NUTRIENT CONSUMPTION (PH FACTOR)

The pH of the growing medium is very important and is also the most misunderstood factor. The plant carries the elements in the water, so their water solubility is essential for immediate utilization. This is a function of pH.

The best pH for any medium is in the range of 5.4 to 6.0. Nutrient utilization is a function of pH. The width of the strips indicates the degree of utilization

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FITOHORM MAGMAX MICRO - ELEMENT COMPOSITION FOR COATING

A good start is important in all areas of life, and this is exponentially true for the early stages of our cultivated cultures. If you think about it, all the negative effects that lurk on a young plant can be greatly reduced if germination, rising and the subsequent juvenile life stage take place quickly, explosively, in proper condition. Homogeneous, vitally emerging vegetation fights weed competition more effectively, grows out of the "mouth" of pests sooner, and, thanks to its strong roots, provides a basis for further development that can be the key to survival in a later stressful period.



FitoHorm's product range has so far not included a microelement formulation specifically intended for dressing, however, our seed treatment experiments with microelements in recent years have drawn attention to the benefits and necessity of this type of formulation.

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The following microelements in the product help the initial / germination of the plant:

> Zinc (Zn)

- » both specific and non-specific activators of enzymes
- » multiplies the elongation of the primary root hairs
- » an activator of the synthesis of auxin as a growth hormone in association with manganese.

> Manganese (Mn)

- » enzyme (Peptidase, Prolidase Glutamyl transferase, Enolase,) affects cellular respiration, i.e. ensuring the smooth flow of carbohydrates,
- » linked to zinc affects the formation of auxin, it helps the elongation of both root formulas and shoot initiation formulas to be faster.

> Boron (B)

- » "switching element" of carbohydrate metabolism processes
- » carbohydrate "mobilizer" element
- » it regulates the water uptake of the germinating seed, i.e. it affects the swelling processes of the seed in the first days.

> Molybdenum (Mo)

- Catalytic nutrient in almost all enzymatic processes bound to metal components,
- » helps to absorb and incorporate boron,
- » regulates initial nitrogen uptake.

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Reduction of ammonia loss

One way to reduce ammonia loss is to treat urea-based fertilizers with urease inhibitors. This effectively delays their conversion to ammonia and carbamic acid by blocking the action of the urease enzyme for approximately two weeks (Figure 2).

Using the technology, ammonia losses can be reduced by an average of 70%.

2. Figure: OPERATION OF UREA INHIBITORS



> Nitrification inhibitors (NI)

Depending on the temperature, ammonium and ammonium nitrate fertilizers in urea are rapidly converted to nitrate by nitrification. The use of fertilizers that inhibit nitrification significantly reduces the risk of nitrate leaching.

The nitrification inhibitor delays the conversion of ammonium nitrogen in the soil to nitrate by temporarily suppressing the effect of Nitrosomonas ssp. the enzyme ammonium monooxygenase of soil bacteria, which is responsible for the first step of the nitrification process (conversion of ammonium to nitrite) (Figure 3). 3. Figure: NITRIFICATION OF SOIL AND FUNCTIONING OF NITRIFICATION OF INHIBITORS



The length of the nitrification time depends mainly on the ambient temperature. At low soil temperatures the period is quite long, while at higher temperatures it is relatively short.

In addition to nitrate, ammonium can also be a direct source of nitrogen for plants. However, unlike nitrate, it is poorly translocated into the rhizosphere, which prevents its rapid uptake. Nitrification inhibitors support the partial ammonium feeding of the plant.



FITOHORM MAGMAX MICRO - ELEMENT COMPOSITION FOR COATING

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> Molybdenum (Mo)

- Catalytic nutrient in almost all enzymatic processes bound to metal components,
- » helps to absorb and incorporate boron,
- » regulates initial nitrogen uptake.

Another outstanding advantage of MagMAX is that it can be mixed well with other dressings, increasing their adhesion, efficiency and coloring effect.

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FITOSERVICE THE LEAF ANALYSIS!

In the '80s, the spread of FitoHorm mono foliar fertilizers was helped by nutrition consultancy. One of the pillars of this system was leaf analysis. Following the change of regime, the structure of farmers was completely transformed, so the nutrient supply through the foliage was also neglected. It took many years for farmers to re-learn how to target macronutrients and micronutrients. And over the past decade, the optimal application of different types of fertilizers has been learned. The correct use of basic, starter and head fertilizers has been replaced.

OPINIONS ABOUT THE FOLIAGE MICROELEMENT REPLACEMENT

- » They do not believe in the efficiency of foliar fertilizers.
- » Generalize all kinds of liquid preparations for use in leaves.

Solution:

- The different formulations and their effectiveness (bacterial fertilizers, biostimulants, plant conditioners, foliar fertilizers, etc.) must be handled and known.
- The correct application of foliar fertilizers must be learned.

FITOSERVICE - THE RENEWABLE LEAF ANALYSIS!

A system that includes eaf analysis,

consulting and a complete offer. A suite of services based on leaf analysis, where, after personalized research, our consultants use a program to provide a nutrient supply offer through the leaf.

BENEFITS

- Comprehensive service in the field, plaptations and horticulture
- More than 50 types of cultivated plants nutrient testing is provided
- Nationalcoverage.
- ✓ Our consultants are professionals.
- Complete, controlled content complex foliar fertilizer supply.
- Study accepted in AKG program.







Test data fr

Test data from consecutive years provide an important basis for comparison and significantly increase the reliability of leaf analysis.

Hundreds of plant studies carried out in recent years have in many cases yielded surprising results. Although leaf analysis can be considered as a snapshot of the complex development process of plants, evaluating the results of samples together with soil test results and nutrient supply and agrotechnical interventions already made, very valuable relationships have been found, which are the correct conclusions. After deduction, they have contributed significantly to improving either the qualitative or the quantitative parameters of a given culture. Leaf analysis can thus be useful not only in plants showing symptoms of deficiency, but in fact wherever we want to grow healthier, more resistant plants, or produce higher yields and better quality crops.

FITOSERVICE offers accredited examination of the most important macro and micro elements of leaf samples: N, P, K, Ca, Mg, Cu, Zn, Mn, Fe, S and B

The value of leaf analysis data is highly dependent on correct sampling, method and time of sampling. Consult our consultants for the most accurate information.







Jito Horm





FOR ARABLE LAND CULTURES

	COMPOSITION OF PRODUCTS													
Ми	lti-active solution	N	P ₂ 0 ₅	K ₂ 0	Mg0	SO3	Ca0	Fe	Mn	Cu	Zn	В	Мо	Field dose
fei	tilizers (w / v%)	%	%	%	%	%	%	%	%	%	%	%	%	l/ha
1	FitoHorm Grain	18	-	-	-	-	-	-	0,25	1,5	0,25		0,002	4-5
2	FitoHorm Bio Grain	-	-	-	-	-	-	0,5	1	1,8	0,3	0,3	0,03	4-5
3	FitoHorm Corn Plus	19	-	-	-	6	-	0,15	0,06	0,006	1,9	0,013	0,003	4-5
4	FitoHorm Oil plant	18	-	-	-	6	-	-	-	-	-	4	0,04	4-5
5	FitoHorm Grapes-Fruit	-	-	-	-	-	-	3,2	0,32	0,15	0,15	0,31	0,03	4-5
6	FitoHorm Vegetable	18	-	-	5	13,5	-	-	0,2	-	-	0,2	0,004	4-5
7	MACROSOL	8	4	5	-	-	-	-	-	-	-	-	-	4-5
8	MicroMax	-	-	-	-	-	-	3	1,32	0,15	0,23	0,26	0,07	2-3
9	FitoHorm Soy	-	-	-	-	-	-	0,4	0,5	0,5	1,5	0,5	0,3	2-3

Solution fertilizers with high active ingredient content		N	P ₂ O ₅	K ₂ 0	Mg0	SO ₃	CaO	Fe	Mn	Cu	Zn	В	Мо	Field dose
(w	/ v%)	%	%	%	%	%	%	%	%	%	%	%	%	l/ha
1	Polyboron140	-	-	-	-	-	-	-	-	-	-	14	-	2-3
2	Polyboron Plus	-	-	-	-	-	-	-	-	0,15	0,15	12,5	0,03	2-3
3	FitoHorm Turbo Nitrogen	30	-	-	3	6,5	-	-	-	0,01	-	-	-	10-15
4	FitoHorm Turbo Sulfur	20	-	-	-	60	-	-	-	-	-	-	-	2-3
5	FitoHorm Turbo Potassium	4	-	36	-	57	-	-	-	-	-	-	-	2-3
6	FitoHorm Turbo Calcium	13,5	-	9	3	-	15	-	-	-	-	-	-	3-5
7	FitoHorm Turbo Copper	20	-	-	-	11,5	-	-	-	8	-	-	-	2-3
8	FitoHorm Turbo Zinc	-	-	-	-	-	-	-	-	-	10	-	-	2-3
9	FitoHorm Turbo Manganese	-	-	-	-	-	-	-	8	-	-	-	0,5	2-4
10	Fitohorm Turbo Molibden	-	-	-	-	-	-	-	-	-	-	1	1	1-2

Eco products		N	P ₂ O ₅	K ₂ 0	Mg0	SO 3	Ca0	Fe	Mn	Cu	Zn	В	Мо	Field dose
(1	(/ ¥70)	%	%	%	%	%	%	%	%	%	%	%	%	l/ha
1	EcoBoron NEW!	18	÷	-		-	-	0,025	-	-	0,25	6	<mark>0,0</mark> 05	2-3
2	EcoActiv NEW!			-	3	6,5	-	0,2	0,4	0,72	0,12	0,12	0,0012	3-5
3	EcoCopper NEW!	12		-	-	-		-	-	4	-	Y	0,05	2-3

Jito Horm

	COMPOSITION OF PRODUCTS												
Ma	Mana-element solution fertilizers (w / v%)												
MC	no-element solution fertilizers (w 7 v%)		Composition(%)										
1	FitoHorm 10 B	Boron solution	3-4										
2	FitoHorm 14 N	Nitrogen solution	N		5-10								
3	FitoHorm 24 Mg	Magnesium solution	5-10										
4	FitoHorm 30 P	Phosphorus solution	5-10										
5	FitoHorm 39 K	Potassium solution	K ₂ 0	9	+ P ₂ O ₅ 6% + N 3%	5-8							
6	FitoHorm 40 Ca	Calcium solution	CaO	21	+ N 12%	5-7							
7	FitoHorm 40 Ca (nitrogen free)	Calcium solution	CaO	17		5-7							
8	FitoHorm 54 Mn	Manganese solution	Mn	4		3-5							
9	FitoHorm 55 Fe	Iron solution	Fe	4		3-5							
10	FitoHorm 63 Cu	Copper solution	Cu	4		4							
11	FitoHorm 65 Zn	Zinc solution	3-6										
12	Fitoferr T-3 for soil management	Iron solution	Fe	3		50-100 ml/vine							

Diant conditionarc		N	Fulvosav	Aminosav	MgO	SO₃	Fe	Mn	Cu	Zn	В	Мо	Field dose
Pia	int conditioners	%	%	%	%	%	%	%	%	%	%	%	l/ha
1	FulvoN NEW	27,7	7	-	2,7	6	-	-	0,009	-	-	-	5-10
2	FulvoMax	-	18	5			1,5	0,66	0,075	0,115	0,13	0,035	2-3
3	HERBAL			Multi-phase, biologically high organic matter.							5-10		

Se	ed fertilizer	N	P ₂ 0 ₅	K ₂ 0	Mg0	SO ₃	CaO	Fe	Mn	Cu	Zn	В	Мо	Seed dose
(m/v %)		%	%	%	%	%	%	%	%	%	%	%	%	l/t
1	FitoHorm MagMAX	-	-	-	-	-	-	-	1,3	-	2,5	0,2	0,1	4-5

Ini	nibitors	Composition	Field dose For 100 l Nitrosol
1	Nitrifin	Soil improver containing nitrification inhibitor Active substance: DMPP	11
2	Ureafin	Soil improver containing a urease inhibitor Active substance: NBPT	1 di









CEREALS

AUTUMN COLESEED



Regarding the combined use of the different products recommended for each phenological state, always make a mixing test or contact our competent consultants!

OUR GENERAL TECHNOLOGICAL PROPOSAL

CORN



OUR GENERAL TECHNOLOGICAL PROPOSAL

SWEETCORN



SUNFLOWER







Regarding the combined use of the different products recommended for each phenological state, always make a mixing test or contact our competent consultants!

FIELD



SUGAR BEET

Regarding the combined use of the different products recommended for each phenological state, always make a mixing test or contact our competent consultants!

FitoHorm

HORTI-CULTURE

FOR HORTICULTURAL CULTURES

	C	OMF	POSIT	ΓΙΟΝ	OF PI	RODU	CTS	
 		CO		_			_	

High Fertilizer Solution Fertilizers (w/v %)		N	P ₂ O ₅	K ₂ 0	Mg0	SO ₃	Ca0	Fe	Mn	Cu	Zn	В	Мо	plantation dose	Horticultural dose
		%	%	%	%	%	%	%	%	%	%	%	%	%	l/ha
1	Polyboron 140	-	-	-	-	-	-	-	-	-	-	14	-	0,5-1,5	3-5
2	Polyboron Plus	-	-	-	-	-	-	-	-	0,15	0,15	12,5	0,03	0,5-1,5	3-5
3	FitoHorm Turbo Nitrogen	30		-	3	6,5	-	-	-	0,01	-	-	-	0,5-1,5	12-18
4	FitoHorm Turbo Magnesium	4	35	-	10	-	-	-	-	-	-	-	-	0,5-1,5	3-5
5	FitoHorm Turbo Sulfu	ır20	-	-	-	60	-	-	-	-	-	-	-	0,5-1,5	3-5
6	FitoHorm Turbo Potassium	4	-	36	-	57	-	-	-	-	-	-	-	0,5-1,5	3-5
7	FitoHorm Turbo Calcium	13,5	-	9	3	-	15	-	-	-	-	-	-	0,5-1,5	4-6
8	FitoHorm Turbo Copper	20	-	-	-	11,5	-	-	-	8	-	-	-	0,5-1,5	3-5
9	FitoHorm Turbo Zinc	-	-	-	-	-	-	-	-	-	10	-	-	0,5-1,5	3-5
10	FitoHorm Turbo Makro	10	10	10	-	-	-	-	-	-	-	-	-	0,5-1,5	5-7

Multi-fertilizer solution fertilizers (w/v %)		N	P ₂ O ₅	K ₂ 0	MgO	S0₃	CaO	Fe	Mn	Cu	Zn	В	Мо	Plantation dose	Horticultural dose
		%	%	%	%	%	%	%	%	%	%	%	%	%	l/ha
1	MikroMax	-	-	-	-	-	-	3	1,32	0,15	0,23	0,26	0,07	0,5-1,5	3-5
2	MAKROSOL	8	4	5	-	-	-	-	-	-	-	-	-	0,5-1,5	5-7
3	FitoHorm Evergreen	20	-	-	3	11	-	0,5	-	-	-	-	-	-	5-7
4	FitoHorm Grapes-Fruits	-	-	-	-	-	-	3,2	0,32	0,15	0,15	0,31	0,03	0,5-1,5	5-7
5	FitoHorm Vegetable	18	-	-	5	13,5	-	-	0,2	-	-	0,2	0,004	0,5-1,5	5-7

Eco products (m/v %)		N	P ₂ 0 ₅	K ₂ 0	MgO	SO₃	Ca0	Fe	Mn	Cu	Zn	в	Мо	Ültetvény dózis	Kertészeti dózis
		%	%	%	%	%	%	%	%	%	%	%	%	%	l/ha
1		18	-	-	-	-	-	-	-	-	0,25	6	0,005	0,5-1	3-4
2	EcoActiv	-	-	-	3	6,5	-	0,2	0,4	0,72	0,12	0,12	0,012	0,5-1	3-4
3	EcoCopper NEW	12	A	-	-	5	-	-	-	4	-		0,05	0,5-1	3-4

FitoHorm
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COMPOSITION OF PRODUCTS

Мо	no Elemental Fertilizers (w/v %)		Compos	ition(%)	Plantation dose	Horticultural dose
						%	l/ha
1	FitoHorm 10 B	Bóroldat	В	2,5		0,5-1,5	4-6
2	FitoHorm 14 N	Nitrogénoldat	N	32		0,5-1,5	10-15
3	FitoHorm 24 Mg	Magnéziumoldat	MgO	6,6	+ SO₃ 10,6%	0,5-1,5	10-15
4	FitoHorm 30 P	Foszforoldat	P ₂ O ₅	18	+ N 7%	0,5-1,5	10-15
5	FitoHorm 39 K	Káliumoldat	K ₂ 0	9	+ P ₂ O ₅ 6% + N 3%	0,5-1,5	8-10
6	FitoHorm 40 Ca	Kalciumoldat	Ca0	21	+ N 12%	0,5-1,5	7-9
7	FitoHorm 40 Ca (nitrogen free)	Kalciumoldat	CaO	17		0,5-1,5	7-9
8	FitoHorm 54 Mn	Mangánoldat	Mn	4		0,5-1,5	5-7
9	FitoHorm 55 Fe	Vasoldat	Fe	4		0,5-1,5	5-7
10	FitoHorm 63 Cu	Rézoldat	Cu	4		0,5-1,5	6
11	FitoHorm 65 Zn	Cinkoldat	Zn	4		0,5-1,5	6-8

Soli	d, irrigating	N	P ₂ 0 ₅	K ₂ 0	Mg0	SO₃	Ca0	Fe	Mn	Cu	Zn	в	Мо	Horticultural dose
fert	ilizers (m/m %)	%	%	%	%	%	%	%	%	%	%	%	%	tápoldatnak 100I vízbe
1	FitoHorm Complex Plus	14	7	21	-	22	-	0,165	0,032	0,017	0,02	0,01	0,002	0,5%
2	FitoHorm Evergreen lawn	12	5	5	2	38	-	3,5	-	-	-	-	-	1-2%

Iron) chelates (w/v %)	Iron content	Plantation dose	Horticultural dose
1	Fitoferr T-3 for soil treatment	3	50-100 ml/vine	50-100 ml/vine

Pla	ant	N	Fulvo acid	Amino acid	Mg0	SO₃	Fe	Mn	Cu	Zn	В	Мо	Plantation dose	Horticultural dose
CO	naitioners	%	%	%	%	%	%	%	%	%	%	%	%	l/ha
1	FulvoN	27,7	7	-	2,7	6	-	-	0,009	-	-	-	1-2	10-20
2	FulvoMax	r _	18	5	-	-	1,5	0,66	0,075	0,115	0,13	0,035	0,5-1	3-4

FitoHorm



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ΡΟΤΑΤΟ

Regarding the combined use of the different products recommended for each phenological state, always make a mixing test or contact our competent consultants!

CUCURBITS



HORTICULTURE



APPLE

Regarding the combined use of the different products recommended for each phenological state, always make a mixing test or contact our competent consultants!

OUR GENERAL TECHNOLOGICAL PROPOSAL

PEACH, APRICOT AND PLUM



Regarding the combined use of the different products recommended for each phenological state, always make a mixing test or contact our competent consultants!

CHERRY AND SOUR CHERRY



Regarding the combined use of the different products recommended for each phenological state, always make a mixing test or contact our competent consultants!



Regarding the combined use of the different products recommended for each phenological state, always make a mixing test or contact our competent consultants!

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OUR GENERAL TECHNOLOGICAL PROPOSA



Biostimulators



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FOR HOUSE PLANT, LEAF AND FLOWER ORNAMENTAL PLANT CULTURES

(ml/10 l water)	nent watering	20	20	100	20	20	(ml/10 l water)	int watering	20	20	20	20	ticultural dose	on 100 l of water	0,1-0,2 kg	0,3-0,4 kg	ticultural dose	-100 ml/tőke	
Dose (foliege treatm	60-80	100-200	100-160	100-160	100-160	Dose (foliege treatme	100	100	100	100	Hor	solutic			Hor	-02	
٩	%	0,07	ı	I	0,03	0,03	ę	%	I	I		ı	ę	%	0,002	ı			
•	%	0,26	ı	I	0,31	12,5	•	%	I	ı		ı	•	%	0,01	ı			
Zn	%	0,23		I	0,15	0,15	Zn	%	ı	ı			Zn	%	0,02				
З	%	0,15	ı	I	0,15	0,15	S	%	I	I	I	ı	S	%	0,017	ı			
μ	%	1,32	1	I	0,32	ı	ĥ	%	ı	ı		1	ĥ	%	0,032	1			
å	%	£		0,5	3,2	ı	ą	%	ı	I	I		ą	%	0,165	3,5	ron conten	m	
CaO	%	ı		I	ı	ı	CaO	%	I	I		ı	CaO	%	ı	ı	=		
So	%	I	ı	Æ	1	I	So ₃	%	1	I	1	ı	So ₃	%	22	38			
MgO	%	1		m		•	MgO	%	1	1	'		MgO	%		2			
K ₂ 0	%	1	ß		1	1	K ₂ 0	%	9	2	9	2	K ₂ 0	%	21	2			
P ₂ 05	%	1	4				P ₂ 05	%	ъ	4	9	4	P ₂ 05	%	7	ß			
z	%	1	∞	20	ı	1	z	%	9	∞	و	∞	z	%	14	12		ion)	
ti-fertilizer solution fertilizers	(%)	MicroMax	MACROSOL	FitoHorm Evergreen	FitoHorm Grapes-Fruits	Polyboron Plus	tti-active formulations for house	l ornamental plants (w/v %)	FitoHorm Geranium	FitoHorm Leaf Ornamental plant	FitoHorm Flower Favourite Universal	FitoHorm Oleander		id, irrigating tertilizers (w/m %)	FitoHorm Complex Plus	FitoHorm Evergreen lawn	in chelates (w/v %)	Htoferr T-3 soil treatment (Iron solui	
Mu	(M)	~	2	m	4	ъ	Ϋ́	and	-	2	m	4		0X	-	2	2	-	

FitoHorm

ORGANIC FARMING

ORGANIC FARMING AND FITOHORM

Organic farming or ecological farming, as the farmers call it, is a carefully planned cultivation system where the use of synthetically produced chemicals and fertilizers is prohibited, while the use of natural active ingredients and minerals is necessary and recommended, as well as physical clearance, and the careful individual plant care. The basic principle of ecological farming is to continue the production of economic plants and animals in such a way as to make the best possible use of the ecological properties of the place of production, while at the same time making the least possible intervention in the local ecosystem and in no way harming or polluting it. FitoHorm chelates are completely natural. The characteristics of the growing area, the soil properties, the climate, the available water sources, the natural plant cover (remains) must first be accurately known in order to be able to use and protect our plants. Animals in the area can help a lot in plant protection and maintaining soil strength.

During cultivation, synthetic materials must not be used for any purpose and not even under "force". Efforts must be made to reduce energy consumption, use different organic wastes and renewable sources, giving priority to locally available sources. Pay attention to the effect these have on our plants, e.g. pentosan effect, zinc deficiency, since these can be prevented, there is no need to be afraid of them, because we can counter them with FitoHorm products. The cultivated plants must be selected taking into account the characteristics of the area, sometimes it is difficult to ensure the balanced development of the plants. In this situation, FitoHorm products can be used with great efficiency and it is possible to avoid that plant protection in degraded stands becomes intractable.

Fito Horm

FitoHorm's organic products help plant protection and ensure quality goods at the same time.





FOR ORGANIC FIELD AND **HORTICULTURAL CULTURES**

							сомр	OSITIO	NS OF I	PRODU	CTS					
Σĝ	ulti-fertilizer solution rtilizers	z	P ₂ 05	K ₂ 0	MgO	So	Ca0	ጜ	Ψ	Б	z	œ	ω	Arable dose	Horticultural dose	: (ml/101 wat
Z	(/v %)	%	%	%	%	%	%	%	%	%	%	%	%	l/ha	foliage treatment	irrigation
-	FitoHorm Bio Grain	I	I	I	I	I	ı	0,5	-	1,8	0,3	0,3	0,03	4-5	•	ı
2	FitoHorm Soy	,		ı	T	ı	ı	0,4	0,5	0,5	1,5	0,5	0,3	2-3		1
m	FitoHorm Grape Fruit		I	1	3	Ŋ	1	2		I	I	0,5	i.	4-5	100-160	20
4	MicroMax	1	ı	1	т	ı		m	1,32	0,15	0,23	0,26	0,07	2-3	60-80	10
pi S	Ilution fertilizers with a ph active ingredient	z	P205	K20	MgO	ŝ	Ca0	ዳ	Ψ	З	z	œ	ω	Arable dose	Horticultural dose	: (ml/10 l wate
ខ	ntent (m/v %)	%	%	%	%	%	%	%	%	%	%	%	%	l/ha	foliage treatment	irrigation
-	Polyboron 140	1	1	1	1	ı	ı	1			T	14	1	2-3	40-60	10
2	Polyboron Plus	ı	ı	1	ı	ı	ı	ı	ı	0,15	0,15	12,5	0,03	2-3	40-60	10
m	FitoHorm Turbo Zinc	ı	1	1	1	ı	ı	ı	ı	ı	10	ı	ı	2-3	80-160	20
ž	pnoelement solution							ompositio						Arable dose	Horticultural dose	: (ml/10 l wate
fe	rtilizers (w/v %)													l/ha	foliage treatment	irrigation
-	FitoHorm 10 B					Boron	solutior			в		2,5	5	3-5	100-200	10-50
2	FitoHorm 40 Ca (nitrogen	free)				Calciun	ר solutio	с		Ca0		17		5-7	100-200	10-50
m	FitoHorm 54 Mn				2	langane	sse solut	ion		Mn		4		3-5	100-200	10-50
4	FitoHorm 55 Fe					Iron	solution			Fe		4		3-5	100-200	10-20
ß	FitoHorm 63 Cu					Coppe	r solutio	E		С		4		4	100-200	10-50
9	FitoHorm 65 Zn					Zinc 5	olution			Zn		4		3-6	100-200	10-20
<u></u>	nn chelates (w/v %)						Iron co	intent					Ara	ible dose I/ha)	Horticultural dose	: (ml/10 l wate
-	Fitoferr T-3 for soil treatment						τŋ.						50-1(00 ml/vine	50-100 r	nl/vine
•	ant conditioners						Compo	sition						Arable	dose (I/ha) 5-10	
-	HERBAL			Multi	-phase,	biologi	cally out	standing	organic I	materials						

ORGANIC FARMING

FitoHorm[®]



Eco products



THREE REASONS TO USE IT:

An effective solution

Eco Boron

Reasonable price

NEW

Eco Copper

Economical packaging (600, 1000 liters)

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PRODUCTS

> ECO COPPER

EcoCopper, the younger brother of our Turbo Copper product, is a copper fertilizer with a new composition, in which nitrogen and molybdenum have been added to copper. We recommend it mostly to producers who love the excellent mixability, sediment-free, stable quality, and spectacular effect of Turbo Copper, but consider it more important to replace molybdenum instead of sulfur in their copper fertilization. This may be justified, for example, on acidic soils, where molybdenum is easily bound and uptake is also hindered. Like our other copper fertilizers, Eco Copper can be mixed with UAN solutions, and thanks to its chelation, it does not bind in the soil, and can be taken up from there by the plant culture you want to feed.

					Compos						
	N	P ₂ 0 ₅	K ₂ 0	SO₃	CaO	Fe	Mn	Cu	Zn	В	Мо
m/m%	10	-	-	4,1	-	-	-	3,3	-	-	0,04
m/v%	12	-	-	5	-	-	-	4	-	-	0,05
g/l	120	-	-	50	-	-	-	40	-	-	0,5
Chelating	agent: E	DDHSA									

Advantages of its application:

- » Economical copper fertilizer in excellent quality.
- » Spectacular effect when mixed with UAN solutions.
- » It supports the incorporation of nitrogen.

	Directions for use
Area of use	Dose
Arable land	for foliar ertilization: 2-3 l/ha/occasion 1-2%
Horticultural, home garden	concentration (1-2 dl/10 l water)l



Treatments can be repeated 2-6 times during the growing season, depending on the degree of nutrient deficiency.

Suitable for drone use.

It can also be used together with plant protection agents, but we recommend checking the compatibility beforehand.





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> ECOACTIV

EcoAktív foliar fertilizer is a modern magnesium sulfate solution supplemented with a series of microelements, which is a very competitive solution for farmers who use bitter salt in terms of its usability. efficiency and price-value ratio! The EDDHSA chelating agent used during its production improves the absorbability of the magnesium and other microelements in it, as well as the physical and chemical properties and mixability of the solution.

Its regular use increases the photosynthesis activity of the leaves, increases nitrogen absorption and incorporation, and improves the condition and content values of the treated cultures. It effectively treats the symptoms of sulfur and magnesium deficiency and has an excellent greening effect. Given that EcoAktív is already in a dissolved state, it is significantly easier to use than crystalline bitter salt, which does not contain chelated other microelements!

It can be used in all cultures from the appearance of the green plant parts to the beginning of autumn leaf yellowing at a dose of 5-10 L/ha.

					Com	positio	า					
	N	P ₂ 0 ₅	K ₂ 0	MgO	SO₃	CaO	Fe	Mn	Cu	Zn	В	Мо
m/m%	-	-	-	2,5	5,4	-	0,16	0,3	0,6	0,1	0,1	0,01
m/v%	-	-	-	3	6,5	-	0,2	0,4	0,72	0,12	0,12	0,012
g/l	-	-	-	30	65	-	2	4	7,2	1,2	1,2	0,12
Cholating	adont. F											

Directions for use

home garden

Advantages of its application:

» Thanks to its solution formula, it is easy to mix and easy to use » It is more than a bitter salt, as

it also contains chelated microelements, without the typical sediment formation

» It can also be mixed with UAN solutions.

Area of use	Dose
Arable land Horticultural.	for foliar fertilization: 3-5 l/ha/occasion

2-3% concentration (2-3 dl/10 l water)

Treatments can be repeated 2-6 times during the growing season, depending on the degree of nutrient deficiency. Suitable for drone use

> It can also be used together with plant protection agents, but we recommend checking the compatibility beforehand.



FitoHorm

> ECOBORON

It is recommended to apply in the period before the full flowering of oil plants. With its help, we can stimulate cell division, strengthen flower organs and increase the number of fertilized flowers, and reduce the amount of leech seeds.

By using it in unfavorable conditions, we can strengthen the photosynthetic activity of plants.

Nitrogen strengthens the stem and stimulates the development of (side) shoots. Boron plays a very important role primarily in flowering biology and fertility processes.

Boron is involved in shoot tip development, seed setting and carbohydrate metabolism. In the case of a low supply of molybdenum, the chlorophyll content of plants decreases, their photosynthesis becomes inhibited, and disturbances occur in the generative development phase.

In the case of butterflies, its deficiency is associated with symptoms typical of nitrogen deficiency, which is based on the significant molybdenum demand of the tuber bacteria living in symbiosis with them.

				Compo	osition				
	N	P ₂ 0 ₅	K ₂ 0	Fe	Mn	Cu	Zn	В	Мо
m/m%	14,4	-	-	-	-	-	0,2	4,8	0,004
m/v%	18	-	-	-	-	-	0,25	6	0,005
g/l	180	-	-	-	-	-	2,5	60	0,05
Chelating	agent: EDI	лнса							

Chelating agent: EDDHSA

Advantages of its application:

- » Economical boron fertilizer in excellent quality,
- » with its use we strengthen the flower organs and increase the number of fertilized flowers, reduce the quantity of leech seeds,
- » using it under adverse conditions we can strengthen the photosynthetic activity of plants.
- » spectacular effect when mixed with UAN solutions.

Directions for use
Dose
for foliar fertilization: 2-3 l/ha/occasion 1-2%
concentration (1-2 dl/10 l water)



Treatments can be repeated 2-6 times during the growing season, depending on the degree of nutrient deficiency.

Suitable for drone use.

It can also be used together with plant protection agents, but we recommend checking the compatibility beforehand.



Fito Horm

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> FULVO N

During the development of the product, we put a lot of emphasis on ensuring a continuous supply of nitrogen, so we chose slow and fast-absorbing forms of nitrogen that ensure a gradual and uniform supply of nutrients over 7-10 days.

FulvoN is a plant conditioning product that provides a permanent supply of nitrogen, supplemented with meso- and microelements, and has a biostimulatory effect. The biostimulator effect was achieved by adding fulvic acids, which help germination, improve

plant respiration, promote chlorophyll synthesis and root growth.

Experiments prove that by using the product, plants can withstand the stress caused by the weather better and their drought tolerance improves. The reason for which is, on the one hand, the presence of the organic form of nitrogen, the absorption of which costs less energy for the plant, and, on the other hand, the ability of fulvic acids to reduce abiotic stress.

	Composition											
	N	P ₂ 0 ₅	K ₂ 0	Mg0	SO₃	Ca0	Fe	Mn	Cu	FULVO ACID		
m/m%	22,16	-	-	2,1	4,8	-	-	-	0,007	5,6		
m/v%	27,7	-	-	2,7	6	-	-	-	0,009	7		
g/l	277	-	-	27	60	-	-	-	0,09	70		
Chelating	agent: FD	DHSA										

Advantages of its application:

- » Thanks to its urea-formaldehyde form, there is no risk of leaf scorching,
- » it continuously feeds the plant during its slow unfolding
- » increases the stress and drought tolerance of the plant
 - Directions for use

 Area of use
 Dose

 Arable land
 for foliar fertilization: 5-10 l/ha/occasion



In order to protect bees and other pollinating insects, the product cannot be used during the flowering period! It cannot be used in the presence of flowering weeds!

Suitable for drone use..

It can also be used together with plant protection agents, but we recommend checking the compatibility beforehand. To be used only in justified cases. Do not exceed the recommended dosage.



56 > FULVO MAX

FulvoMax is a plant conditioner containing free plant amino acids, fulvic acids and microelements, so it can be said that it is a real energy bomb for our cultivated plants. When applied as a foliar fertilizer, it strengthens the cells and helps to maintain a healthy stock, and it also ensures that the plants' nutrient needs are met. The microelements have been prepared in the right ratio for the plants and are all chelated with our own EDDHSA chelating agent, thus ensuring better utilization, more uniform application and easier absorption. The biostimulant effect of the preparation is enhanced by the presence of free amino acids of plant origin, which have been carefully selected to help the integration of micro and macro nutrients into the plants. During product development, we looked for amino acids that were produced by enzymatic hydrolysis, because this way optically active amino acids are produced, which are immediately incorporated into the plants, thus saving energy, which can be used for other life processes.

Composition												
	В	Cu	Fe	Mn	Мо	Zn	Fulvo acid	Amino acid				
m/m%	0,1	0,06	1,25	0,5	0,03	0,1	15	4				
m/v%	0,13	0,075	1,5	0,66	0,035	0,115	18	5				
g/l	1,3	0,75	15	6,6	0,35	1,15	180	50				
Cholating a		ICA										

Chelating agent: EDDHSA

Advantages of its application:

» By using it, the plant saves energy,

» accelerates and stimulates physiological processes, such as root growth » increases the stress and drought tolerance of the plant, thereby making it more resistant to extreme weather conditions (frost, drought, heat stress, water pressure, wind).

Directions for use

Area of use Arable land Dose for foliar fertilization: 2-3 l/ha/occasion

In order to protect bees and other pollinating insects, the product cannot be used during the flowering period! It cannot be used in the presence of flowering weeds!

Suitable for drone use.

It can also be used together with plant protection agents, but we recommend checking the compatibility beforehand. To be used only in justified cases. Do not exceed the recommended dosage.



Fito Horm

RODUCTS

> HERBAL

By strengthening the root system, it promotes the utilization of nutrients, mineral salts and trace elements in the soil. It accelerates the uptake of nutrients, stimulates growth, thereby making the plant stronger and increasing its nutrient supply. By improving its water management, the plant makes good use of the uneven amount of rainfall, HERBAL helps the vegetation through the temporary drier period.

It strengthens the immune system and makes the plant resistant to different weather conditions. As a result, the strengthened plant tolerates strong sunlight and extreme conditions more easily.

Composition											
	organic matter content	N	P ₂ O ₅	K ₂ 0	Са						
m/v%	3,0	0,02	0,05	0,6	0,1						
herbal ext	herbal extract, organic earthworm humus extract										

Advantages of application:

- Stimulates plant growth, chlorophyll formation and respiration activity (more intensive photosynthesis) activation of special, so-called secondary defense functions (phytoalexins),
- » strengthening the resistance of plants,
- » increases the plant strengthening function,
- increases the biological activity of the soil, thereby ensuring the strong growth of the root system.

Directions of use									
Area of use	Dose								
Arable land	In the amount of 5-10 l/ha, in a maximum concentration of								
	4%, applied 2 times during the growing season.								

Fito Horm[®]

It can be used in the Agricultural Ecology Program, After using it, you get 1 point!

Way of use	Arable
Optional good jó practice	Application of soil conditioners, plant conditioners or N-fixing products on at least 50% of the arable land
Contribution to the inveronmental objective	The practice promotes the recovery of the soil's organic matter stock and the improvement of soil potential and soil biodiversity, thereby contributing to the reduction of nutrient loss and the improvement of the soil's water retention capacity. And healthier soil contributes to reducing the use of fertilizers and pesticides.



> GRAIN

It is one of the most popular products of Hungarian foliar fertilization, which maintains its leading role in the nutrition of ear plants to this day. It is a multiactive, complex preparation that can ensure the nutritional supply of grains when used in any phenological phase. When compiling the content of meso- and microelements, we focused on those nutrients (S, Cu, Mn, N, Zn), which are needed in larger quantities by the ear plants during their development. In addition to the meso- and microelements, the FitoHorm Grain solution fertilizer contains a modern chelating agent, this formulation ensures the fast and efficient absorption of the microelements through the leaves. The big advantage of the targeted nutrient supply realized by foliar fertilization is that we feed the specific culture in the given year, and that we can moderate the adverse weather effects.

Composition												
	N	P ₂ 0 ₅	K ₂ 0	MgO	SO ₃	Ca0	Fe	Mn	Cu	Zn	В	Мо
m/m%	15	-	-	-	4	-	-	0,2	1,25	0,2	-	0,0016
m/v%	18	-	-	-	5	-	-	0,25	1,5	0,25	-	0,002
g/l	180	-	-	-	50	-	-	2,5	15	2,5	-	0,02
Chelating	Chelating agent: EDDHSA											

Advantages of use:

- » Plant-specific, appropriate microelement composition in an ideal ratio,
- iquid, immediately absorbable form (nutrients in real solution)
- » provides a harmonious supply of nutrients,

Directions for use

Area of use	Dose
Arable land	4-5 liters/ha when bushing and/or flowering.

Jito Horm

Applied independently or in one pass with plant protection works.

Suitable for drone use

It can also be used together with plant protection agents, but we recommend checking the compatibility beforehand.



To be used only in justified cases. Do not exceed the recommended dosage.

In the case of foliar fertilization, the basic rules of spraying must also be observed.



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> BIO GRAIN

FitoHorm Bio Grain contains essential microelements for grain in the right proportion in a complex, exceptionally high concentration and in large quantities.

The product contains only microelements. In addition to the microelements, the solution fertilizer contains a modern chelating agent, which ensures the quick and perfect absorption of the microelements through the leaves. It can be recommended to all farmers who do not want to spend much on foliar fertilizers, but want to solve the replacement of microelements safely. Foliar fertilization provides targeted nutrient supply. The effects of unfavorable weather conditions can be effectively mitigated, the tendency to bushiness is strengthened by adequate microelement supplementation in the early phenological phase.

Composition												
	N	P ₂ 0 ₅	K ₂ 0	MgO	SO₃	Ca0	Fe	Mn	Cu	Zn	В	Мо
m/m%	-	-	-	-	-	-	0,46	0,83	1,5	0,25	0,25	0,025
m/v%	-	-	-	-	-	-	0,5	1	1,8	0,3	0,3	0,03
g/l	-	-	-	-	-	-	5	10	18	3	3	0,3
Chelating	Chelating agent: EDDHSA											

Advantages of application:

- » Applied in autumn/early spring, the number of fertile ears increases
- » the water balance improves and the root system's ability to extract nutrients increases,
- » even organic farmers can get the most out of their grain
- » It can also be perfectly mixed and applied with UAN solutions.

Directions for use								
Area of use	Dose							
Arable land	4-5 liters/ha when bushing and/or flowering.							



Fito Horm[®]

STURBO MOLYBDENUM

Molybdenum is one of the seven microelements that are considered essential for plants. Its importance in plant physiology lies primarily in the fact that it is an essential metal component of enzymes involved in nitrogen metabolism, but it also helps the accumulation of phosphorus, zinc, manganese and boron in plants. We recommend its use especially on acidic soils and in cultures demanding molybdenum. It is important to note that our plants require the least amount of molybdenum among the microelements. It can easily be replenished through the leaves, but its movement within the plants is small, so we recommend continuous dosing when applying!

CULTURES THAT REQUIRE MOLYBDENUM:

cruciferous, rye, oats, butterfly plants, sugar beet, tomatoes, potatoes

	Composition											
	N	P ₂ O ₅	K ₂ 0	MgO	SO₃	Ca0	Fe	Mn	Cu	Zn	В	Мо
m/m%	-	-	-	-	-	-	-	-	-	-	0,9	0,9
m/v%	-	-	-	-	-	-	-	-	-	-	1	1
g/l	-	-	-	-	-	-	-	-	-	-	10	10
CI I I I												

Chelating agent: EDDHSA

Advantages of its application:

- » Outstanding active ingredient content,
- » the basic element of nitrogen uptake and incorporation,
- » Can be mixed with UAN solutions.

Directions for use									
Area of use	Dose								
Arable land,	for foliar fertilization: 1-2 l/ha/occasion,								
Horticultural,	for foliar fertilization: 0.1 dl/10 l water)								
home garden	for nutrient solution: in a concentration of 0.1-0.2% (1-2 I /1000 I of water)								

Fito Horm

Treatments can be repeated 1-2 times depending on the degree of nutrient deficiency.

Suitable for drone use.



It can also be used together with plant protection agents, but we recommend checking the compatibility beforehand.

To be used only in justified cases. Do not exceed the recommended dosage.

> MAGMAX

During germination, plants use nutrients and energy reserves stored in the seed. However, due to the rapid growth of the plant, there is a need for an external source of nutrients and energy. Fitohorm MagMAX contains micro- and macronutrients in the right ratio for germinating seeds. This is also supported by laboratory tests. The nutrients applied to the surface of the seeds during germination are used by the plant during germination, which helps in the initial development. When creating the composition of the soil, we used microelements such as Zinc (Zn), which helps primary rooting, Boron (B) and Manganese (Mn), which play a key role in carbohydrate metabolism, and Molybdenum (Mo), which helps the uptake and integration of Nitrogen and Boron. The dose used accelerates the seedling's clay metabolism, promotes the incorporation of nutrients that can be absorbed from the seed and the soil. Thanks to this, the root mass and stress tolerance increase.

Composition												
	N	P ₂ 0 ₅	K ₂ 0	MgO	SO ₃	Ca0	Fe	Mn	Cu	Zn	В	Мо
m/m%	-	-	-	-	-	-	-	1	-	2	0,2	0,08
m/v%	-	-	-	-	-	-	-	1,3	-	2,5	0,24	0,1
g/l	-	-	-	-	-	-	-	13	-	25	2,4	1
Chelating	Chelating agent: EDDHSA											

Advantages of application:

- » It can be perfectly mixed with other seed dressing, increases their adhesion and efficiency,
- » extremely high coloring effect of the product,
- » fprovides a continuous supply of nutrients a in initial development, even on compacted, airless, alkaline soils, thereby increasing the homogeneity of the sprouted plant stock.

	Directions for use
Area of use	Dose
Seeding	4-5 liters per ton of seed, evenly applied to the surface
	of the seed with the required amount of water.



Fito Horm[®]

> CORN PLUS

A special foliar fertilizer specially made for corn, containing a complete line of microelements! The plant protection technology of corn and the dynamics of its development allow for little application. This small number of treatments usually "allows" an application period of 1-3 weeks, so it is important to be able to release as much content as possible for the plants in that 1 treatment.

FitoHorm Corn Plus also contains the nitrogen that necessary for dynamic development, the sulfur that necessary for the utilization of nitrogen, the zinc and copper that are necessary for the differentiation of the tubes. Iron and manganese provide the foundations for dynamic development with the help of stable, wellfunctioning photosynthesis. Boron helps the developmental processes that are essential for the development of flower organs with normal morphology. FitoHorm Corn Plus can ensure that purchased hybrids with high yield potential can show their inherent potential.

Composition												
	N	P ₂ 0 ₅	K ₂ 0	Mg0	SO₃	Ca0	Fe	Mn	Cu	Zn	В	Мо
m/m%	15	-	-	-	5	-	0,125	0,05	0,005	1,5	0,01	0,0025
m/v%	19	-	-	-	6	-	0,15	0,06	0,006	1,9	0,013	0,003
g/l	190	-	-	-	60	-	1,5	0,6	0,06	19	0,13	0,03
Chelating	Chelating agent: FDDHSA											

Advantages of application:

- » It contains all the essentials elements that corn needs » jimproves water balance, pollen production and
 - jimproves water balance, pollen production and keeping the pistils moist,

» helps perfect tube differentiation,

- » ensures good fruit set.
- Directions for use

 Area of use
 Dose

 In corn and sweet corn
 4-5 litres/ha at the stage of 4-8 leaves

Fito Horm[®]

and/or at the beginning of crown rot.

Applied independently or in one pass with plant protection works.

Suitable for drone use.

It can also be used together with plant protection agents, but we recommend checking the compatibility beforehand.

To be used only in justified cases. Do not exceed the recommended dosage.

In the case of foliar fertilization, the basic rules of spraying must also be observed.



> MAKROSOL

MAKROSOL is a foliar fertilizer containing macroelements, with a favorable composition, specially prepared for plant conditioning. By using the product, it is possible to provide harmonious nutrient supply and improve the condition of plant cultures, ensuring quality while keeping economy in mind. In those cases when through the foliage the replacement of macroelements is important, in which case MAKROSOL can help.

					Com	position	1					
	N	P ₂ O ₅	K ₂ 0	Mg0	SO₃	Ca0	Fe	Mn	Cu	Zn	В	Мо
m/m%	6,6	3,3	4,16	-	-	-	-	-	-	-	-	-
m/v%	8	4	5	-	-	-	-	-	-	-	-	-
g/l	80	40	50	-	-	-	-	-	-	-	-	-
Chelating	agent: E	DDHSA										

Advantages of application:

- » The phosphorus found in the product is an essential constituent of plant cells,
- » As an activator of many enzymes, potassium enhances crop safety, frost tolerance, and disease resistance.
- » strengthens rooting and the formation of flower organs,

Directions of use							
Area of use	Dose						
Arable land	for leaf treatment: 5 liters / ha / occasion						
Home garden	for leaf treatment: in a concentration of 1-2% (0.05 liters/100 m ²), 2-5 times together with the current sprayings, for soil treatment: before sowing or planting seedlings, apply 0.1 liter/100 m2 into the soil.						

Fito Horm



To be used only in justified cases. Do not exceed the recommended dosage.

In the case of foliar fertilization, the basic rules of spraying must also be observed.







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> MIKROMAX

MIKROMAX is the "Béres Drop" of plants, a real one As the name shows, it contains them in the largest "microelement bomb" that strengthens the immune possible amount, in the right proportion for the system.

In the range of our newly developed products, by omitting It can be applied through leaves in fields, in grape the macronutrients (N, P, K), we aimed exclusively at the and fruit crops. harmonic micronutrient supply (B, Cu, Fe, Mn, Mo, Zn).

plants.

					Com	positior	ו					
	N	$P_{2}O_{5}$	K₂0	Mg0	SO₃	Ca0	Fe	Mn	Cu	Zn	В	Мо
m/m%	-	-	-	-	-	-	2,4	1,0	0,12	0,18	0,2	0,05
m/v%	-	-	-	-	-	-	3	1,32	0,15	0,23	0,26	0,07
g/l	-	-	-	-	-	-	30	13,2	1,5	2,3	2,6	0,7
Chelating	Chelating agent: EDDHSA											

Advantages of use:

- » For horticultural crops and ornamental plants, it can be used for soil treatment. nutrient solution and foliage fertilization,
- » can also be used before or after seeding and planting,
- » also allowed in organic cultivation,
- » can be used in field crops throughout the growing season,
- » suitable for drone use: the recommended doses can be applied in 10 liters/ha of water.

		Directions for use
Plant culture	Dose	Way of using
Grapes, olives, citrus fruits	2 - 3 l/ha	3 - 4 treatments from berry setting to harvest + 1 treatment after harvest
Fruit,berries,kiwi	2 - 3 l/ha	3 - 4 treatments from fruit setting to harvest + 1 treatment after harvest
Autumn,spring ears, rice	2 - 3 l/ha	1 treatment in the phenological stage between the end of bushing and earing
Vegetables, ornamental plants, ornamental trees, ornamental shrubs		soil treatment only: 3 - 5 ml / m2 (3 ml / 1 l of water)

Fito Horm[®]



Applied independently or in one pass with plant protection works.

Suitable for drone use.

It can usually be used together with plant protection products, but we recommend checking the compatibility beforehand.

To be used only in justified cases. Do not exceed the recommended dosage.

In the case of foliar fertilization, the basic rules of spraying must also be observed.



> OIL PLANT

It is the key to the vitality and good condition of our oil plants, which, thanks to its complex composition, can be used in all phases of plant development. Its use significantly improves the effect and efficiency of applied plant protection products. Among the members of the FITOHORM product family, FitoHorm Oil Plant is specially designed to meet the nutritional needs of oil plants (rapeseed, sunflower).. Its high boron and sulfur content ensures proper bonding, enhances oil synthesis and oil extractability. Boron has the most significant effect on flower and fruit formation, and sulfur has the most significant effect on the quantity and quality of the fruit. Applied independently or in one pass with plant protection works.

					Com	position	ı –					
	N	P ₂ 0 ₅	K ₂ 0	MgO	SO ₃	Ca0	Fe	Mn	Cu	Zn	В	Мо
m/m%	15	-	-	-	5	-	-	-	-	-	3	0,03
m/v%	18	-	-	-	6	-	-	-	-	-	4	0,04
g/l	180	-	-	-	60	-	-	-	-	-	40	0,4
Chelating	Chelating agent: EDDHSA											

Advantages of use:

- » Plant-specific composition,
- » the nutrients in the product increase oil synthesis and oil extractability,
- » its high magnesium content plays an important role in the regulation of carbohydrate metabolism,
- » can be applied in one pass with plant protection works.

	Direction for use
Area of use	Dose
Sunflower	5 I/ha in the stage of 4-6 leaves and/or in the stage of star buds 3 liters at flowering
Rape	5 l/ha 5 l/ha from shoot formation to flowering virágzásig
Other oil plants	5 liters/ha at the beginning of flowering



Suitable for drone use.

It can usually be used together with plant protection products, but we recommend checking the compatibility beforehand.

To be used only in justified cases. Do not exceed the recommended dosage.



Jito Horm

> SOY

The product contains the microelements necessary for the development of soy, peas, and beans in the right proportion. In the case of soy and peas, special attention must be paid to the supply of P, K, Mg, S and microelements. An excessive level of nitrogen supply can reduce the formation of root nodules of symbiotic bacteria. It is important to replace Nitrogen in the initial period until the symbiotic relationship is working.

The lack of molybdenum, the insufficient N-fixation of root tuber bacteria and the resulting N-deficiency symptoms in many cases mask all other symptoms resulting from Mo-deficiency. Uncharacteristic symptoms include weaker growth, early flowering, reduced seed yield and death of whole plant parts.

In leguminous, the insufficient N-fixation of root tuber bacteria and the resulting N-deficiency symptoms can be caused by molybdenum deficiency. Molybdenum deficiency can be responsible for weaker growth, early flowering and the resulting reduced seed yield. The leaves show a pale green color typical of nitrogen deficiency.

In cabbages, molybdenum deficiency results in leaf and flower distortions.

					Com	positior	า					
	N	P ₂ O ₅	K ₂ 0	Mg0	SO₃	CaO	Fe	Mn	Cu	Zn	В	Мо
m/m%	-	-	-	-	-	-	0,3	0,4	0,4	1,25	0,4	0,25
m/v%	-	-	-	-	-	-	0,4	0,5	0,5	1,5	0,5	0,3
g/l	-	-	-	-	-	-	4	5	5	15	5	3
Chelating	adent. F											

Advantages of use:

» It contains essential elements for the establishment

of symbiosis between leguminous plants and root tuber bacteria,

- » provides for the development of a strong shoot system enough nutrients,
- » Applied together with UAN solutions has particularly good efficiency.

Direction for use

Area of use	Dose
Soy	3 liters/ha 2-3 times during the growing season.





> GRAPES-FRUITS

It contains microelements in ideal proportions and quantities for grapes and fruit.

The most common microelement deficiency diseases can be prevented and remedied in all cultures with the continuous use of the product.

FitoHorm Grape Fruit supports the development and intensive shoot growth of young plantings

Thanks to its high boron content, it improves the fertilization and binding of flowers and reduces the frequency of flower drop. The iron in the preparation is present in an ideal form for the plants, since iron can be absorbed by the plant in the fastest and largest amount in the chelated form.

Composition												
	N	P ₂ O ₅	K ₂ 0	Mg0	SO₃	CaO	Fe	Mn	Cu	Zn	В	Мо
m/m%	-	-	-	-	-	-	2,6	0,26	0,125	0,125	0,25	0,025
m/v%	-	-	-	-	-	-	3,2	0,32	0,15	0,15	0,31	0,03
g/l	-	-	-	-	-	-	32	3,2	1,5	1,5	3,1	0,3
C 1 1 1												

Chelating agent: EDDHSA

Advantages of use:

- » It has all the important microelements necessary for healthy fruit, which are needed in the plantation,
- » has an effective iron content, which can be picked up the fastest way,
- >> thanks to its high boron content, it improves the fertilization and binding of flowers, as well as reduces the frequency of flower drop,
- » It can also be perfectly mixed with UAN solutions and their utilization can be increased,
- » It can also be used in organic farming.

		Directions for use
Area of us	e	Dose
Grapes and fruits	d other	For leaf treatment: 3-5 I/ha/occasion. During the period of intensive shoot growth, spray on the foliage at a concentration of 1-2% and repeat every 2-3 weeks in conjunction with plant protection works.
Apple		For leaf treatment: 3-5 I/ha/occasion. After flowering until green maturity, sprayed on the foliage at a concentration of 1-2%, repeated every 2-3 weeks in conjunction with plant protection works.
	Applied inc plant prote Suitable fo	dependently or in one pass with ection works
	products, k compatibil	but we recommend checking the ity beforehand
	In the case basic rules	of foliar fertilization, the of spraying must also be observed.
	To be used exceed the	l only in justified cases. Do not e recommended dosage.

Jito Horm

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RODUCTS

> VEGETABLES

The special composition of the preparation brings vegetable plants into shape. Its microelement content stimulates strong hair root growth and, in the plants typical for this, the formation of tubers. When used with plant protection products with an absorbable effect, it helps them get into the plant and transport them within the plant.

It primarily strengthens the vigor of vegetables. By using FitoHorm Vegetables, we can ensure leaf conditioning, balanced development and high quality for vegetables.

After application, it strengthens the plant's photosynthesis and the transport of assimilates, which also strengthens the root system. The macro elements in it help the vegetables absorb the nutrients nitrogen, phosphorus and potassium in the soil. The microelements in the product contribute to the incorporation of large amounts of nutrients absorbed from the soil. As a result, the treated plants grow healthier and faster.

	Composition											
	N	P ₂ O ₅	K ₂ 0	Mg0	SO ₃	Ca0	Fe	Mn	Cu	Zn	В	Мо
m/m%	14,4	-	-	4	10,8	-	-	0,16	-	-	0,16	0,003
m/v%	18	-	-	5	13,5	-	-	0,2	-	-	0,2	0,004
g/l	180	-	-	50	135	-	-	2	-	-	2	0,04
Cholating agent: EDDUSA												

lielating agent. E

Advantages of use:

» After application, it strengthens the plant's

photosynthesis and the transport of assimilates, as a result of which the root system is also

- » the microelements found in the product contribute to the incorporation of large amounts of nutrients taken from the soil.
- » thus the treated plants grow healthier and faster.

strengthened.

	Directions for use
Area of us	se Dose
Arable lan	d for leaf treatment: 3 - 5 l/ha/occasion
Home gare	 den for leaf treatment: in a concentration of 1-2% (0.05 liters/100 m2), 2-5 times together with the current sprays. for soil treatment: apply 0.1 liter/100 m2 to the soil before sowing or planting
	Applied independently or in one pass with plant protection works. Suitable for drone use. It can be mixed with plant protection agents, but it is recommended to make a mixing test beforehand! In the case of foliar fertilization, the basic rules of spraying must also be observed.

Fito Horm

> POLYBORON 140

It is one of the symbols of leaf fertilization in Hungary, which has maintained its defining role for many years thanks to its reliable and safe operation. The polyborate complex found in Polyboron 140 stimulates the generative processes, the growth and development of the pollen tube, increases the stability of the cell wall, and is therefore absolutely necessary for the life of plants.

Composition

В

10,8

14

140

Being an essential microelement, its presence is vital for all crops, especially oil crops, grape and fruit crops, and some vegetables.

BORON DEMANDING CULTURES: rape, sunflower, sugar beet, apple, cherry, sour cherry, peaches, cabbages.

Advantages of use:

- » Its intake is most intensive at the beginning of vegetation
- » greatly improves winter resistance,
- » in its absence, fertilization is reduced and binding is hindered

		Directions for use
Plant culture	Dose	Directions for use
Autumn coleseed	2 – 3 l/ha	In autumn and from stem initiation to the beginning of flowering
Sunflower	2 – 3 l/ha	From the stage of 4-6 leaves, in the stage of star buds until the beginning of flowering
Sugar beet	2 – 3 l/ha	4-6 leveles állapottól, gyökérnövekedéskor is koronaerősödéskor
Leguminous	2 – 3 l/ha	From the 3-leaf stage to the beginning of flowering
Рорру	2 – 3 l/ha	From the "hook stick" state to the beginning of flowering
Grape	1 – 2 l/ha	1 week before flowering and at maturity
Fruit	1 – 2 l/ha	Repeated 2-3 times every 2-3 weeks
Melon,Cucumber	1 – 2 l/ha	Repeated 3 times every 2-3 weeks
Paprika, Tomato	1 – 2 l/ha	For the treatment of plant stock
Tobacco	2 – 3 l/ha	For the treatment of plant stock

Applied independently or in one pass with plant protection works.

د چې

Suitable for drone use.

In the case of foliar fertilization, the basic rules of spraying must also be observed. The foliar fertilizer Polyboron 140 can be mixed perfectly with plant protection agents, it is a highly soluble solution fertilizer, it is recommended to make a mixing test before application.



Fito Horm

69

m/m%

m/v%

q/l

70

> POLYBORON PLUS

In a special complex, the foliar fertilizer contains high amounts of boron and all microelements

(molybdenum, manganese and copper) that are necessary for rapid integration.

It is important to know that boron is mostly used by plants in an organic bond through the leaves. Its intake is most intensive at the beginning of vegetation.

The effect of Polyboron Plus on flowering is enhanced and complex. When applied during the period of development of the flower organs, it stimulates their differentiation and forms well-developed flower formulas.

When applied before flowering, they have a very positive effect on the formation of pollen and improve fertility.

Composition Zn В Мо m/m% 0.1 0.1 9.6 0.02 m/v% 0,15 0,15 12,5 0,03 g/l 1.5 1.5 125 0.3

Advantages for use:

cabbages.

- When applied before flowering, it has a very positive effect on the formation of pollen, improves pollen fertility,
- » the molybdenum in it keeps the seed wet for a long time eve in unfavorable conditions.
- >> the copper and manganese in it significantly influence the formation and development of the generative organs through enzymatic processes.

It helps the pollen adhere and provides energy to drive

the pollen hose, thus ensuring perfect binding. Copper

and zinc significantly influence the formation and

development of generative organs through enzymatic

processes. With the manganese in the product, we can

prevent or inhibit the degradation of chlorophyll,

thereby providing the energy needed for fertilization.

BORON DEMANDING CULTURES: rape, sunflower,

sugar beet, apple, cherry, sour cherry, peaches,

		-	
Dire	actio	nc fr	Nr IICA
	ECLIO	113 10	n use

Plant culture	Dose	Directions for use
Autumn coleseed	2 - 3 l/ha	In autumn and from stem initiation to the beginning of flowering
Sunflower	2 - 3 l/ha	from the stage of 4-6 leaves, in the stage of star buds until the beginning of flowering
Sugar beet	2 – 3 l/ha	from the 4-6 leaf stage, also during root growth and crown strengthenin
Leguminous	2 - 3 l/ha	from the stage of 3 leaves until the beginning of flowering
Grape	1 - 2 l/ha	from the "Hookstick" stage until the beginning of flowering
Fruit	1 - 2 l/ha	1 week before flowering and at maturity
Paprika, Tomato	1 – 2 l/ha	Repeated 2-3 times every 2-3 weeks

Applied independently or in one pass with plant protection works..

Suitable for drone use.



In the case of foliar fertilization, the basic rules of spraying must also be observed. The foliar fertilizer PolyboronPlus can be mixed perfectly with plant protection agents, it is a highly soluble solution fertilizer, it is recommended to make a mixing test before application.

Fito Horm[®]

> TURBO ZINC

FitoHorm Turbo Zinc ensures the normal growth of plants with its active ingredient. If the phosphorus content of the soil is high, it reduces the uptake of zinc.

By using the appropriate formulation, we can provide microelement replacement through the leaf. The zinc requirement of plants is usually minimal, but in certain cultures its use is very important.

It helps the tuber differentiation and rooting of corn.

In orchards and vineyards, it contributes to the normal development of shoots and leaves, improves woody growth, reduces sensitivity to frost and "winter branch death".

In soyand beans, the shedding of flowers and older leaves due to zinc deficiency can be reduced or eliminated.

ZINC DEMANDING CULTURES: corn, soy, grape, apricot, pear, cabbages

Compositio					
	Zn				
m/m%	8				
m/v%	10				
g/l	100				

Advantages of use:

- » It helps the tuber differentiation and rooting of corn,
- » in orchards and vineyards, it contributes to the normal development of ,shoots and leaves
- » improves tree growth, reduces sensitivity to frost and "winter branch death",
- » zinc regulates nitrogen metabolism,
- » the high active ingredient content in FitoHorm Turbo Zinc is the maximum, which can be given to plants for Zn supplementation.

Directions for use						
Area of use	Dose					
Arable land	for foliar fertilization: 2-3 I/ha/occasion					
Handlandh mal hanna mandan	for foliar fertilization: in a concentration of 1-2 % (1 - 2 dl/10 l water)					
Horticultural, nome garden	for nutrient solution: in a concentration of 0.05-0.2 % (0.5 - 2 I /1000 I water)					



Applied independently or in one pass with plant protection works.

Treatments can be repeated 2-6 times during the growing season, depending on the degree of nutrient deficiency.

Suitable for drone use.

It can also be used together with plant protection agents, but we recommend checking the compatibility beforehand.



To be used only in justified cases. Do not exceed the recommended dosage.

A lombtrágyázás esetén is be kell tartani a permetezés alapvető szabályait.

Fito Horm



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> TURBO CALCIUM

FitoHorm Turbo Calcium is a calcium fertilizer with a new philosophy developed in the spirit of cooperation. It contains calcium, magnesium and potassium in the most favorable ratio for plants. The nitrate content and formulation of the product stimulate the faster incorporation of cations into the plant. Its components stabilize the water balance, enhance photosynthesis, enable the rapid and efficient absorption of nutrients, and basically improve the quality of the crop.In the case of vegetables/fruits, it is the basic nutrient for keeping it on the counter. The product provides a special solution when applied to rape, cabbages and apples at the right time. **CALCIUM DEMANDING CULTURES:** apple, grapes, tomato, cucumber, melon, cabbages, autumn coleseed.

					Com	positior	ı 🦷					
	N	P ₂ O ₅	K ₂ 0	Mg0	SO ₃	Ca0	Fe	Mn	Cu	Zn	В	Мо
m/m%	9	-	6	2	-	10	-	-	-	-	-	-
m/v%	13,5	-	9	3	-	15	-	-	-	-	-	-
g/l	135	-	90	30	-	150	-	-	-	-	-	-
Chelating agent: EDDHSA												

Advanteges of use:

- The product in the intensive stem growth of rape longitudinal cracking of the stem can be revented and reduced.
- \gg kwith early spring use the degree of spring frost,
 - damage in rape can be reduced

- » the structure of the cell wall is strengthened, thanks to this plants become more resistant,
- » the formation of root hairs and nutrient absorption improves.

Dose	Directions for use				
ml/10l _{l/ha}					
300-500 3-5 before flo	wering, after flowering every 9 - 10 days during the entire growing season				
300-500 3-5 from the	end of flowering to coloring every 11 days				
	Dose ml/10l I/ha 300-500 3-5 before flo 300-500 3-5 from the				

Directions for use



Applied independently or in one pass with plant protection works.



Suitable for drone use.

It can also be used together with plant protection agents, but we recommend checking the compatibility beforehand. To be used only in justified cases. Do not exceed the recommended dosage.

In the case of foliar fertilization, the basic rules of spraying must also be observed.



FitoHorm
> TURBO POTASSIUM

Our preparation with the highest active ingredient content (total: 97%), is the "oasis" of plants, which contains 4% nitrogen, 36% potassium and 57% sulfur.

This special nutrient ratio results extraordinary efficiency. The FitoHorm Turbo Potassium liquid solution fertilizer is used quickly and efficiently through the foliage. Potassium is the guarantee of the quantity and quality of the crop.

Potassium regulates protein synthesis, the functioning of carbohydrates and enzymes, and also plays an important role in breathing and regulating water balance. It enhances the quality, coloring and sugar content of the fruits, and improves the plants' resistance to disease, cold and drought. It is an easily mobilized element, its absence appears on the lower **POTASSIUM DEMANDING CULTURES**: corny plants, corn, potatoes, sugar beets, sunflowers, grapes, melons, berries, legumes, celery, beets.

					Com	position	1					
	N	P ₂ O ₅	K ₂ 0	Mg0	SO₃	Ca0	Fe	Mn	Cu	Zn	В	Мо
m/m%	3	-	26	-	41	-	-	-	-	-	-	-
m/v%	4	-	36	-	57	-	-	-	-	-	-	-
g/l	40	-	360	-	570	-	-	-	-	-	-	-
Cholating	agont:											

Chelating agent: EDDHSA

Advantages of use:

- » Increases metabolic processes,
- » helps seed filling, the accumulation of carbohydrates in the seeds
- $\,\gg\,$ it improves the thousand grain weight,
 - and the yield increases with it

- » increases the quality, coloring and sugar content of the crops
- » strongly improves the resistance to cold and drought.

		Direction	
Area of use:		Dose	
Arable land	foi	r foliar fertilization: 3-5 l/ha/occasion,	
Horticultural, Home	fo 1-: garden fo 0.: I/1	r foliar fertilization: in a concentration of 2% (1-2 dl/10 l of water) r nutrient solution: in a concentration of 5-1.0% (5-10 1000 l of water).	
Treatme during t the degr Suitable	nts can be repe he growing seas ree of nutrient c for drone use.	eated 2-6 times son, depending on deficiency.	
It can als agents, compati fertilizat observe	so be used toge but we recomm bility beforehan ion, the basic ru d.	ether with plant protection end checking the id. In the case of foliar ules of spraying must also be	

Jito Horm

> TURBO SULFUR

FitoHorm Turbo Sulfur increases the resistance, physiological performance and development of plants and increases the yield.

It helps the development of excellent food industry parameters and forage quality. Stimulates the amount of vegetable oils formed in the aroma channels and their species-specific content.

The proper means of real sulfur supplementation is through leaves.

In case of sulfur deficiency, protein synthesis is disturbed (protein content decreases), in addition to weak growth, the widening of the leaf blades remains inhibited (assimilation, growth inhibition), nitrogen utilization also decreases.

CULTURES DEMANDING SULFUR: rape, sugar beet, sunflower, peas, onion.

					Com	positior	1					
	N	P ₂ 0 ₅	K ₂ 0	Mg0	SO₃	Ca0	Fe	Mn	Cu	Zn	В	Мо
m/m%	15	-	-	-	46	-	-	-	-	-	-	-
m/v%	20	-	-	-	60	-	-	-	-	-	-	-
g/l	200	-	-	-	600	-	-	-	-	-	-	-
Chalating	a a a a a a a a a a a a a a a a a a a											

Chelating agent : EDDHSA

Advantages of use:

- » It has an extra high absorbable sulfur content,
- » in addition to the quality of the crop, it also has a positive effect on the quantity,

be observed.

- » increases the dry matter content of plants and moderates drought damage,,
- » increases protein and oil production.

		Directions for use	
Area of us	e	D	ose
Arable lan	d	for foliar fertilization: 2-3 l/ha/occasion	
Horticultur	al, Home garden	for foliar fertilization: in a concentration of 1-2% (1-2 dl/10 l of water) for nutrient solution: in a concentration of 0.1-0.5% (1-5 l/1000 l of water	
			Reference -
	Treatments can b during the growin the degree of nut	e repeated 2-6 times ng season, depending on rient deficiency.	TURBO KÉNE
	It can also be use agents, but we re compatibility befor fertilization, the b	d together with plant protection commend checking the prehand. In the case of foliar asic rules of spraying must also	

FitoHorm

RODUCTS

> TURBO MAGNESIUM

FitoHorm Turbo Magnesium is a product with a special effect and excellent uptake by our cultivated plants. All this is thanks to its exceptionally pure raw material and careful formulation. Magnesium, which is among its active ingredients, can be absorbed by plants with unique efficiency. The phosphorus content of FitoHorm Turbo Magnesium strengthens rooting and the formation of flower organs, thus the development of generative organs.

FitoHorm Turbo Magnesium makes plant metabolism and transport processes more efficient and faster. In grapes, it is a remedy for cluster peduncle paralysis. In the case of fruit and vegetable plants, it is important to apply before the full load period, thus avoiding periodic weakening of the plants. **CULTURES DEMANDING MAGNESIUM:** rape, sunflower, potato, melon, tobacco, grapes, paprika, tomato, cucumber, cabbages.

Composition												
	N	P ₂ O ₅	K ₂ 0	MgO	SO₃	Ca0	Fe	Mn	Cu	Zn	В	Мо
m/m%	3	26	-	7,5	-	-	-	-	-	-	-	-
m/v%	4	35	-	10	-	-	-	-	-	-	-	-
g/l	40	350	-	100	-	-	-	-	-	-	-	-
Chelating	agent .	EDDHSA										

Chelating agent : EDDHS

Advantages of use:

- » It increases the metabolism of the plant, thereby helping its optimal growth
- » the greening force (responsible for the deep green color in the flora),
- strengthens rooting and the formation of flower organs, as well as the healthy development of the germ within the seed
- $\,\gg\,$ The tank mixture has a concentration of 0.1-0.5%

can also be used for water softening.

Area of use:	Dose	
Arable land	or foliar fertilization: 2-3 I/ha/occasion, for soil fertilization: 5-10 I/ha/occasion.	
Horticultural, Home garden	for foliar fertilization: in a concentration of 1-2% (1-2 dl/10 l of water) for soil fertilization: 5-10 l/ha/occasion for nutrient solution: in a concentration of 0.1-0.5% (1-5 l /1000 l of water)	R
Suitable for drone It can also be use agents, but we re beforehand In the case of folia spraying must als It is important th the first compone	e use. d together with plant protection commend checking the compatibility ar fertilization, the basic rules of o be observed. hat FitoHorm Turbo Magnesium is ent when putting together the tank	

Tito Horm

Direction for use

> TURBO MANGANESE

Like magnesium, iron and some heavy metals, manganese participates as an enzyme activator in plantsmin metabolic processes.

It plays a fundamental role in protein synthesis, the citric acid cycle and photosynthesis. Strong drying of the soil can lead to dehydration of various manganese salts. Dehydration reduces the solubility of compounds, so it can result in a relative manganese deficiency. In addition to the manganese content in the product, it also contains a significant amount of highly absorbable molybdenum, which favorably affects nitrogen metabolism processes.

CULTURES DEMANDING MANGANESE: corny plant, rape, soy, sugar beet.

					Com	positior	ı					
	Ν	P ₂ 0 ₅	K ₂ 0	Mg0	SO₃	Ca0	Fe	Mn	Cu	Zn	В	Мо
m/m%	-	-	-	-	-	-	-	6,6	-	-	-	0,4
m/v%	-	-	-	-	-	-	-	8	-	-	-	0,5
g/l	-	-	-	-	-	-	-	80	-	-	-	50
Cholating	agont .											

Chelating agent : EDDHSA

Advanteges of use:

- $\,\gg\,$ Its use improves flower and crop formation.
- » the microelements found in the product contribute to the incorporation of large amounts of nutrients
- » thus the treated plants grow healthier and faster,
- » strengthens the plant's photosynthesis and transport of .assimilates

		Direction for use
Area of us	se:	Dose
Arable land		for foliar fertilization: 3-5 l/ha/occasion (with 250-350 l/ha water volume), for soil fertilization: 4 l/ha/occasion.
Horticultur	ral, Home Garden	for foliar fertilization: 1-2 dl/10 l of water) for nutrient solution: in a concentration of 0.1-0.5% (1-5 l /1000 l of water)
	Treatments can be repervected weeks during the breed. .Suitable for drone use It can also be used toge protection agents, but we the compatibility before To be used only in justifithe recommended dosa In the case of foliar fert rules of spraying must a	eated every 2-3 ling season ether with plant we recommend checking ehand fied cases. Do not exceed age ilization, the basic also be observed.

FitoHorm

> TURBO NITROGEN

The product is the "energy drink". of our plants. Thanks to the urea formaldehyde contained in the product, a continuous supply of nitrogen is ensured for the plant. After application, nitrogen absorption is guaranteed by the form of urea, which results in a gradual and uniform supply of nutrients over several weeks. Its effectiveness and effect stand out compared to solid fertilizers applied in dry weather in the spring.

					Com	position						
	N	$P_{2}O_{5}$	K ₂ 0	MgO	SO₃	Ca0	Fe	Mn	Cu	Zn	В	Мо
m/m%	24	-	-	2,3	5,3	-	-	-	0,008	-	-	-
m/v%	30		-	3	6,5	-	-	-	0,01	-	-	-
g/l	300	-	-	30	65	-	-	-	0,1	-	-	-
Cholating	agont .											

Advantages of use:

- Thanks to the urea-formaldehyde complex form there is no risk of leaf scorching,
- » continuously feeds the plant during its discovery,
- » thus does not cause chronic tissue elongation/thinning,
- » is a liquid nitrogen fertilizer that gives our plants a chance even in drought

		Directions to	or use
Plant culture	Suggested quantit [I/ha]	y Required amount of water[l/ha]	Way of use
Rape	10-15	100-250	4-6 leaf stage, between budding and flowering
Corny plants	10-15	100-250	From the beginning of bushiness to the appearance of the ear
Sunflower	10-15	100-250	From the 4-leaf stage to the star bud stage
Corn	10-15	100-250	4-6 leaf stage and after 15-20 days
Sugar beet	10-15	100-250	4-6 leaf state and 1 month later
Grape-Fruit	5-10	300-750	1-1 times: before flowering, after flowering and after harvest, before leaf fall

Fito Horm

In addition, the treatments can be repeated 2-6 times according to the degree of nutrient deficiency.

Suitable for drone use.

It can also be used together with plant protection agents, but we recommend checking the compatibility beforehand..

To be used only in justified cases. Do not exceed the recommended dosage

In the case of foliar fertilization, the basic rules of spraying must also be observed.



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> TURBO COPPER

Plants absorb copper in ion or chelate form, in complex form. The replacement of copper can be done entirely through the plant leaves.

In the case of eared grains, copper deficiency may occur due to inhibited transport processes. In case of deficiency, the cell wall and transport beams develop abnormally, so the plants quickly fall over (harvest loss). Thanks to the special and stable formulation in FitoHorm Turbo Copper, we have the possibility of very high copper replacement.

It is also particularly effective when mixed with UAN solutions.

COPPER DEMANDING CULTURES: corny plants, apple, plums, peaches, citrus fruits.

					Com	positior	ı					
	N	P ₂ O ₅	K ₂ 0	Mg0	SO₃	Ca0	Fe	Mn	Cu	Zn	В	Мо
m/m%	15	-	-	-	8,6	-	-	-	6	-	-	-
m/v%	20	-	-	-	11,5	-	-	-	8	-	-	-
g/l	200	-	-	-	115	-	-	-	80	-	-	-
Cholating	anont .											

Advantages of use:

- » Its use improves the plant's drought tolerance,
- » helps the formation of the bushy knot, stimulates the ,differentiation of the ear
- it protects chlorophyll from premature breakdown, so it grows assimilation performance,
- » photosynthesis and metabolic processes improve.

	Directions for use
Area of use	Dose
Arable land	for foliar fertilization: 2-3 I/ha/occasion
Horticulture Home garden	for foliar fertilization: in a concentration of 1-2% (1-2 dl/10 l of water) for nutrient solution: in a concentration of 0.05-0.25% (0.5-2.5 l/1000 l of water)



Treatments can be repeated 2-6 times during the growing season, depending on the degree of nutrient deficiency.

Suitable for drone use.

It can also be used together with plant protection agents, but we recommend checking the compatibility beforehand.. To be used only in justified cases. Do not exceed the recommended dosage.

In the case of foliar fertilization, the basic rules of spraying must also be observed.



FitoHorm

> TURBO START

Over the past years, FitoHorm Kft. has set itself the goal of developing a foliar fertilizer that can not only be used through leaves, but can also be perfectly mixed with UAN solution for plants with a smaller green surface, can also be used through the soil, and helps the plants to have an explosive initial development.

When used in an early phenological state, as a foliar fertilizer, it has a special effect on rooting even when applied to a small leaf area.

We do not have any economic plant where the intensity of initial development does not decisively influence the subsequent success of cultivation.

Composition												
	N	P ₂ O ₅	K ₂ 0	MgO	SO₃	CaO	Fe	Mn	Cu	Zn	В	Мо
m/m%	9	19	-	-	-	-	0,02	-	0,0025	0,25	0,014	0,001
m/v%	11	23	-	-	-	-	0,025	-	0,003	0,3	0,017	0,0014
g/l	110	230	-	-	-	-	0,25	-	0,03	3	0,17	0,014
Chelating agent · EDDHSA												

Advantages of use:

- » It increases the metabolism of the plant, and it helps optimal growth,
- » the greening force (responsible for the deep green color in the flora),
- » increases the activity of photosynthesis,
- » strengthens rooting and the formation

of flower organs, as well as the healthy development of the germ within the seed.

Directions for use										
Area of use	Dose									
Arable land	for foliar fertilization: 3-5 I/ha/occasion									
Home garden	for foliar fertilization: 1-2 dl/10 l of water) for soil fertilization: 4 l/ha/occasion for putrient solution: in a concentration of 0.1-0.5% (1-5 l /1000 l of water)									

Fito Horm



Treatments can be repeated every 2-3 weeks during the breeding season.

Suitable for drone use.

It can also be used together with plant protection agents, but we recommend checking the compatibility beforehand.

To be used only in justified cases. Do not exceed the recommended dosage.

In the case of foliar fertilization, the basic rules of spraying must also be observed.



> TURBO MAKRO

FitoHorm Turbo Makro is a liquid complex foliar fertilizer that is recommended for remedying development problems caused by extreme weather conditions and other stress. The macroelement composition (10-10-10 NPK) found in the leaf fertilizer restarts the slowed down or stopped metabolic processes by adding the special form of phosphorus, and starts the defense mechanism of the plants.

It helps the development of plants at every stage of development, improves the content and color of the crops, and helps the development of better-quality, tastier, juicier, easy-to-transport and long-lasting, wellstorable crops.

	Composition												
	N	P ₂ O ₅	K ₂ 0	MgO	SO ₃	Ca0	Fe	Mn	Cu	Zn	В	Мо	
m/m%	8	8	8	-	-	-	-	-	-	-	-	-	
m/v%	10	10	10	-	-	-	-	-	-	-	-	-	
g/l	100	100	100	-	-	-	-	-	-	-	-	-	
Chelating	Chelating agent : EDDHSA												

Advantages of use:

- » Thanks to the harmonic composition improves the quality and quantity parameters of the crop
- » fast absorption through foliage is guaranteed
- » increases the utilization of most plant protection agents.

» initiates rooting,

	Directions for use											
Area of use	Dose											
Arable land	for foliar fertilization: 3-4 I/ha/occasion											
Horticultural, Home garden	for foliar fertilization: 1-2 dl/10 l of water) for soil fertilization: 4 l/ha/occasion for nutrient solution: in a concentration of 0.1-0.5% (1-5 l /1000 l of water)											

Fito Horm[®]



Treatments can be repeated every 2-3 weeks during the breeding season.

Suitable for drone use

It can also be used together with plant protection agents, but we recommend checking the compatibility beforehand

To be used only in justified cases. Do not exceed the recommended dosage. In the case of foliar fertilization, the basic rules of spraying must also be observed.



> FITOHORM 10 B

FitoHorm 10 B is a boron-containing fertilizer solution, with a chelating agent, which can be used as a foliar fertilizer and nutrient solution in all plant cultures to supply nutrients or to prevent and cure deficiency diseases. Boron stimulates the generative processes, the growth and development of the pollen tube, increases the stability of the cell wall, and is therefore absolutely necessary for the life of plants. In its absence, fertilization is reduced and binding is hindered. Being an essential microelement, its presence is vital for all plant cultures, especially for grape and fruit, oil plants and some vegetables.

Area of use	Dose	
Arable land	Dose for foliar fertilization: 5 l/ha/occasion	
Horticultural Home garden	for foliar fertilization: in a concentration of 1-2% (1-2 dl/10 l of water) or nutrient solution: in a concentration of 0.1-0.5% (1-5 l/1000 l of water)	
	Composition	

Directions for use

	N	P ₂ 0 ₅	K ₂ 0	MgO	SO ₃	Ca0	Fe	Mn	Cu	Zn	В	Мо
m/m%	-	-	-	-	-	-	-	-	-	-	2,2	-
m/v%	-	-	-	-	-	-	-	-	-	-	2,5	-
g/l	-	-	-	-	-	-	-	-	-	-	25	-
Chelating	agent :	EDDHSA										

> FITOHORM 14 N

In its absence, the leaves are pale, turn yellow, and remain small. The yellowing of the leaves starts from the top of the leaves, the shoots become stiff and close to the stem.

Photosynthesis is inhibited, growth is retarded, the taste intervals are shortened, the development of the flower parts is delayed, and early fruit drop occurs. Frost tolerance of plants decreases. Since root formation is also inhibited, nutrient uptake is also hindered.

	Directions for use														
Area of u	se							Do	ose						
Arable lar	nd			for foliar fertilization: 5-10 l/ha/occasion											
Horticultural Home gardenfor foliar fertilization: in a concentration of 1-2% (1-2 dl/10 l of water)for nutrient solution: in a concentration of 0.1-0.5% (1-5 l/1000 l of water)															
	Composition														
	N	P₂0₅	K₀0	MqO	SO ₃	Ca0	Fe	Mn	Cu	Zn	В	Мо			
m/m%	27	-	-	-	-	-	-	-	-	-	-	-			
m/v%	32	-	-	-	-	-	-	-	-	-	-	-			
g/l	g/l 320														
Chelating	Chelating agent : EDDHSA														

Jito Horm

PRODUCTS

> FITOHORM 30 P

It is a mobile element that is well mobilized in the plant and is directed to the fruit after fertilization following flowering. In its absence, the development of the root system is limited (reduced nutrient uptake), less branched, weak shoots develop, and in severe cases the plant may become bald. The undersides of the leaves are dark green, bluegreen, and later red. Flowering is weak, binding is poor, and the fruit can often be kicked off. **FitoHorm 30 P**, which is a solution fertilizer that can be applied through the foliage together with plant protection, provides a suitable solution for ensuring the phosphorus supply of plants.

Directions for use

Area of use	Dose
Arable land	for foliar fertilization: 5 l/ha/occasion
Horticultural Home garden	for foliar fertilization: in a concentration of 1-2% (1-2 dl/10 l of water) for nutrient solution: in a concentration of 0.1-0.5% (1-5 l/1000 l of water)

	Composition													
	Ν	P ₂ 0 ₅	K ₂ 0	MgO	SO ₃	Ca0	Fe	Mn	Cu	Zn	В	Мо		
m/m%	6,4	16,4	-	-	-	-	-	-	-	-	-	-		
m/v%	7	18	-	-	-	-	-	-	-	-	-	-		
g/l	70	180	-	-	-	-	-	-	-	-	-	-		
Chelating	Chelating agent : EDDHSA													

> FITOHORM 24 Mg

The magnesium content of our soils is generally satisfactory, but its deficiency still occurs. This is mostly due to the preponderance of so-called antagonistic nutrients (potassium, copper, manganese, ammonium ions) in the soil.

Its deficiency first appears on the older leaves, the leaves lighten and then turn yellow, and chlorophyll remains only in the leaf veins. Damaged leaves drop early, causing fruit trees to go bald

	Directions for use												
Area of u	ise							Dá	zis				
Arable lar	Arable land Dose for foliar fertilization: 5 l/ha/occasion												
Horticultural Home gardenfor foliar fertilization: in a concentration of 1-2% (1-2 dl/10 l of water) for nutrient solution: in a concentration of 0.1-0.5% (1-5 l/1000 l of water)													
	Composition												
					com	position							
	Ν	P ₂ O ₅	K ₂ 0	Mg0	SO₃	CaO	Fe	Mn	Cu	Zn	В	Мо	
m/m%	-	-	-	5,28	9	-	-	-	-	-	-	-	
m/v%	-	-	-	6,6	10,6	-	-	-	-	-	-	-	
g/l	g/l 66 106												
Chelating	Chelating agent : EDDHSA												

FitoHorm

> FITOHORM 39 K

NPK 3-6-9 chlorine-free fertilizer solution with chelating agent, which can be used as a foliar fertilizer and nutrient solution in all plant cultures to supply nutrients or to prevent and cure deficiency diseases. It enhances the quality, coloring and sugar content of the crops, and improves the plants' resistance to disease, cold and drought.

It is an easily mobilized element, its absence appears on the lower leaves. The most common deficiency symptom is that there is a disturbance in the turgor regulation of the plant. The growth of the plant is inhibited (rosette plant), and stunted foliage develops. Necrosis spreading inwards from the edge of the leaf, light brown coloration along the leaf tip and edge is common.

Directions for use Dose Area of use for foliar fertilization: 5 l/ha/occasion Arable land Horticultural Home garden for foliar fertilization: in a concentration of 1-2% (1-2 dl/10 l of water) for nutrient solution: in a concentration of 0.1-0.5% (1-5 I/1000 I of water) Composition Ν P₂O₅ K₂0 Mq0 SO. Ca0 Fe Mn Си Zn В Мо m/m% 2.5 5 7.5 _ _ -_ _ _ _ _ _

-

_

-

_

30 Chelating agent : EDDHSA

3

m/v%

a/l

> FITOHORM 40 Ca

6

60

9

90

Among the nutrients that determine fruit guality, one of the most important is calcium, which has a known, general effect of slowing down and delaying fruit ripening processes. Fruits with a good supply of calcium have a lower respiration intensity, usually have a harder flesh, so they can be stored better and are less susceptible to diseases of physiological origin.

The ability to absorb, transport and integrate calcium within the plant is very special, which makes it difficult for the fruit to reach the appropriate amount during the growing season. Continuous calcium supply through the foliage is essential.

_

	Directions for use												
Area of u	se								Dose				
Arable lar	nd				f	or foliar fe	ertilizatio	n: 5 l/ha/o	occasion				
Horticultural Home gardenfor foliar fertilization: in a concentration of 1-2% (1-2 dl/10 l of water) for nutrient solution: in a concentration of 0.1-0.5% (1-5 l/1000 l of water)													
	Composition												
					Com	positior	1						
	N	P ₂ O ₅	K ₂ 0	MgO	SO₃	CaO	Fe	Mn	Cu	Zn	B	Мо	
m/m%	8,57	-	-	-	-	15	-	-	-	-	-	-	
m/v%	12	-	-	-	-	21	-	-	-	-	-	-	
g/l	120	-	-	-	-	210	-	-	-	-	-	-	
Chelating	Chelating agent: EDDHSA												

Jito Horm

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> FITOHORM 40 Ca NITROGEN FREE

Among the nutrients that determine fruit quality, one of the most important is calcium, which has a known, general effect of slowing down and delaying fruit ripening processes. Fruits with a good supply of calcium have a lower respiration intensity, usually have a harder flesh, so they can be stored better and are less susceptible to diseases of physiological origin. The ability to absorb, transport and integrate calcium within the plant is very special, which makes it difficult for the fruit to reach the appropriate amount during the growing season. The danger of low calcium content cannot therefore be explained only by the low level of absorbable calcium content in the soil. Continuous calcium supply through the foliage is indispensable. Using it before the fruit ripens helps to achieve perfect coloring and has a positive effect on the shelf life.

	Directions for use													
Area of ι	ise							Do	ose					
Arable la	nd				for fol	iar fertiliz	ation: 5	l/ha/occ	asion					
Horticultural Home gardenfor foliar fertilization: in a concentration of 1-2% (1-2 dl/10 l of water) for nutrient solution: in a concentration of 0.1-0.5% (1-5 l/1000 l of water)														
	Composition													
	N	P ₂ O ₅	K ₂ 0	MgO	SO ₃	Ca0	Fe	Mn	Cu	Zn	В	Мо		
m/m%	8,57	-	-	-	-	15	-	-	-	-	-	-		
m/v%	12	-	-	-	-	21	-	-	-	-	-	-		
g/l	120	-	-	-	-	210	-	-	-	-	-	-		
Chelating	- Chelating agent : EDDHSA													

> FITOHORM 54 Mn

Manganese uptake by plants is inhibited on alkaline soil. In most cases, long-lasting, persistent drought, soil compaction, flooding and the period after liming also cause manganese deficiency.

Maize plants are particularly sensitive to the stability of manganese supply. In their case, an important criterion is that the culture suffering from manganese deficiency becomes particularly sensitive to the cold. Its deficiency can be detected mainly in wheat, barley and oats. The most obvious deficiency symptom is the marbling of the leaves (lightening between the leaf veins), dry spots. Manganese is also a yield-determining factor for root and tuberous plants (sugar beets, potatoes, root vegetables) and legumes (peas, beans, soys, lentils), so manganese fertilization brings positive quality results for these crops.

comes purcharry sensitive to the cold.																
	Directions for use															
Area of u	se							Dó	zis							
Arable lan	d		for foliar fertilization: 3-5 l/ha/occasion													
Horticultu	ral Home	e garden	garden for foliar fertilization: in a concentration of 1-2% (1-2 dl/10 l of water) for nutrient solution: in a concentration of 0.1-0.5% (1-5 l/1000 l of wate													
					Com	npositio	ı									
	N	P ₂ O ₅	K ₂ 0	Mg0	SO₃	Ca0	Fe	Mn	Cu	Zn	В	Мо				
m/m%	_	_	_	_	_	_	_	32	_	_	_	_				

Chelating agent : EDDHSA

m/v%

a/l



4 40

> FITOHORM 55 Fe

A particularly effective formula for the treatment and prevention of iron deficiency. Iron plays an important role in the synthesis of chlorophyll and protein, it is an enzyme creator, it mainly regulates respiration and metabolism. It is difficult to move in the plant, it is difficult to mobilize. Its deficiency occurs most often in grape and fruit cultures. A relative lack of iron can occur on compacted, airless, alkaline or cool soil, first the veins, later the veins are white, the leaves turn bright yellow (yellowing of the leaves). The symptom is more pronounced in cool, wet weather. Its uptake is inhibited by calcium ions

					Directio		126									
Area of us	e	Dose														
Arable land	d			for foliar fertilization: 5 I/ha/occasion												
Horticultur	al Home	e garden	for f for r	for foliar fertilization: in a concentration of 1-2% (1-2 dl/10 l of water) for nutrient solution: in a concentration of 0.1-0.5% (1-5 l/1000 l of water)												
					Com	npositior	ו									
	N	$P_{2}O_{5}$	K ₂ 0	MgO	SO ₃	CaO	Fe	Mn	Cu	Zn	В	Мо				
m/m%	-	-														

Che	lating	agent .	FDDHSL

m/v%

g/l

> FITOHORM 63 Cu

A **FitoHorm 63 Cu** copper solution is a liquid, easyto-handle preparation. Its chelated coppercontent ensures the effective absorption of copper through the leaves and its incorporation into the plant, enabling the prevention of nutrient deficiency and its quick and effective remedy. A lack of copper causes the so-called "whiteness of the ears" of the ears (oats, barley, wheat), when the leaves and, in more severe cases, the ears also turn white and dry up. All of this can be attributed to obstructed water transport caused by insufficient copper supply. In the absence of copper, plant tissues weaken, which increases the risk of tipping over. Its absorption from limed and nitrogen-rich soils is particularly difficult.

4

40

	Directions for use													
Area of use							Do	ose						
Arable land for foliar fertilization: 5 I/ha/occasion														
Horticultural Hor	ne garden	for f	foliar fert nutrient s	ilization: olution:	in a con in a conc	centratic entratio	on of 1-29 n of 0.1-0	% (1-2 dl).5% (1-5	/10 of v 5 /1000	vater) I of wat	er)			
				Com	positior	ו								
N	P₂0₅	K₂0	MaO	SO 2	Ca0	Fe	Mn	Cu	Zn	В	Мо			

	N	P_2U_5	K ₂ U	Mgu	SO 3	CaU	re	MU	Cu	Zn	в	MO
m/m%	-	-	-	-	-	-	-	-	3,2	-	-	-
m/v%	-	-	-	-	-	-	-	-	4	-	-	-
g/l	-	-	-	-	-	-	-	-	40	-	-	-
	_											

Jito Horm

Chelating agent : EDDHSA

PRODUCTS

> FITOHORM 65 Zn

Today, the soils of our country are increasingly deficient in zinc. The following crops are most sensitive to its deficiency: corn, wheat, apples, cherries, sour cherries, peaches, plums, roses, berries, peppers. In case of zinc deficiency, it is parallel to the vein of the leaf chlorotic striations appear, the growth of the plant is retarded, the taste spaces are shortened (dwarfism in fruit crops), the development of the flower parts becomes delayed, the grains (corn) and fruits are deformed. The growth and development of the root system is also retarded, as a result, the plant is less anchored in the soil and the absorption of nutrients through the roots is also hindered.

Directions for use

Area of use	Dose
Arable land	for foliar fertilization: 3-5 l/ha/occasion
Horticultural Home garden	for foliar fertilization: in a concentration of 1-2% (1-2 dl/10 l of water) for nutrient solution: in a concentration of 0.1-0.5% (1-5 l/1000 l of water)

	Composition													
	Ν	P ₂ 0 ₅	K ₂ 0	Mg0	SO ₃	Ca0	Fe	Mn	Cu	Zn	В	Мо		
m/m%	-	-	-	-	-	-	-	-	-	3,2	-	-		
m/v%	-	-	-	-	-	-	-	-	-	4	-	-		
g/l	-	-	-	-	-	-	-	-	-	40	-	-		
Chelating	agent :	EDDHSA												

> FITOFERR T3

Iron-containing fertilizer solution with chelating agent, which can be used to prevent and cure

iron deficiency in arable and horticultural crops, on alkaline, calcareous soils, primarily in the form of soil treatment.

Directions for use									
Area of use	Dose								
Grapes, Fruits	at installation 10-15 ml / vine in growing grapes: 50-120 ml / vine								
Berries	25-100 ml / vine								
Ornamentals	ornamental shrubs: 5-25 ml / stem ornamental trees: 120-250 ml / stem rose: 10-25 ml / stem								
Foil cultivation	for nutrient solution: 0.5-11/m3 of water								

					Com	positior	1						
	N	P ₂ O ₅	K ₂ 0	MgO	SO₃	Ca0	Fe	Mn	Cu	Zn	В	Мо	ĺ
m/m%	-	-	-	-	-	-	2,4	-	-	-	-	-	
m/v%	-	-	-	-	-	-	3	-	-	-	-	-	
g/l	-	-	-	-	-	-	30	-	-	-	-	-	
Chalating													

FitoHorm

Chelating agent : EDDHSA

> GERANIUM

When the summer arrives, the nutritional needs of plants change, especially those that are placed on the balcony or outdoors. The warmer the weather, the faster the plants develop, so they need more water and nutrients to flourish and carry out their life processes. The most important nutrients are nitrogen, phosphorus and potassium. Plants need these macronutrients in large quantities. Small amounts of nutrients in nutrient solutions are also essential for development and flowering.

MUSKÁT

	Composition													
	N	P ₂ O ₅	K ₂ 0	MgO	SO₃	Ca0	Fe	Mn	Cu	Zn	В	Мо		
m/m%	5,2	4,3	5,2	-	-	-	-	-	-	-	-	-		
m/v%	6	5	6	-	-	-	-	-	-	-	-	-		
g/l	60	50	60	-	-	-	-	-	-	-	-	-		
Chelating	agent · I													

Directions for use

Area of use

Geranium, petunia and other flowering balcony and indoor plants.

Dose

for leaf treatment:

Water weekly using 1 cap of nutrient solution for 2 liters of water.



It can be used continuously every 3-4 weeks from April to August.

Applied independently or in one pass with plant protection works.

It can also be used together with plant protection agents, but we recommend checking the compatibility beforehand.

To be used only in justified cases. Do not exceed the recommended dosage.

In the case of foliar fertilization, the basic rules of spraying must also be observed.

PRODUCTS

> LEAF ORNAMENTAL PLANT

A product specially developed for feeding decorative plants with their leaves. It contains the most important nutrients necessary for the balanced growth of our plants. With its use, the sheet of the leaf spreads out nicely and becomes shiny. **FitoHorm Leaf Ornamental Plant** can also be used excellently for herbs, the use of which results in rapid regeneration.

Composition													
	N	$P_{2}O_{5}$	K ₂ 0	MgO	SO₃	Ca0	Fe	Mn	Cu	Zn	В	Мо	
m/m%	6,9	3,4	4,3	-	-	-	-	-	-	-	-	-	
m/v%	8	4	5	-	-	-	-	-	-	-	-	-	
g/l	80	40	50	-	-	-	-	-	-	-	-	-	
Chelating	agent ·												

Directions for use

Area of use

Balcony and leaf ornamental plants

Dose

for leaf treatment:

Water weekly using 1 cap of nutrient solution for 2 liters of water.

For soil treatment:

before planting, we use it in the amount of 0.1 liter / 100 m2, introduced into the soil.



Water weekly from April to September, every 3 weeks in winter.

As a result of the treatments, abundant, balanced growth is achieved.

It can prevent baldness and leaf fall, which often occurs in indoor plants from the bottom up.





> OLEANDER

Leander is a Mediterranean, sun-loving plant. As spring progresses, the warmer the weather, the more sunlight it needs and therefore more frequent watering. Continuous flowering is only guaranteed if adequate nutrient levels are reached. **FitoHorm Leander** contains nutrients especially important for the plant. With regular use, leanders bloom profusely and develop healthily throughout the summer. Leander is water-demanding, as a general rule, from May to autumn, it should receive water regularly, at least daily, and a nutrient solution once a week.

Composition													
	N	P ₂ O ₅	K ₂ 0	MgO	SO ₃	Ca0	Fe	Mn	Cu	Zn	В	Мо	
m/m%	6,9	3,4	4,3	-	-	-	-	-	-	-	-	-	
m/v%	8	4	5	-	-	-	-	-	-	-	-	-	
g/l	80	40	50	-	-	-	-	-	-	-	-	-	
Chelating	agent :	EDDHSA											

Directions for use

Area of use

Oleanders and all Mediterranean, tropical and subtropical ornamental plants

Dose

for leaf treatment:: Water weekly using 1 cap of nutrient solution for 2 liters of water..

For soil treatment:

before planting, we use it in the amount of 0.1 liter / 100 m2, introduced into the soil.

Applied independently or in one pass with plant protection works.

Water weekly from April to September, every 3 weeks in winter.

As a result of the treatments, abundant, balanced growth is achieved.

In the case of foliar fertilization, the basic rules of spraying must also be observed



Fito Horm

> EVERGREEN

It is recommended for the supply of nutrients to thuyas, pines and other plants grown in the garden or on the balcony that decorate with their green leaves, as well as to refresh and feed lawns. Thanks to its high iron and magnesium content, it encourages the formation of chlorophyll in plants and turns the leaves green with a direct effect. **Special nutrient solution!** By using it regularly, **the majority of fungal diseases affecting evergreens can be eliminated.** It helps to reduce the harmful effects of summer heat and intense radiation. It lends the evergreens an extremely bright, variety-specific color, and the whole thing enables strong vitality during the breeding season.

Composition												
	N	P ₂ O ₅	K ₂ 0	Mg0	SO₃	Ca0	Fe	Mn	Cu	Zn	В	Мо
m/m%	16	-	-	2,4	8,8	-	0,4	-	-	-	-	-
m/v%	20	-	-	3	11	-	0,5	-	-	-	-	-
g/l	200	-	-	30	110	-	5	-	-	-	-	-
Chelating	Chelating agent : EDDHSA											

Directions for use

Area of use

Thuyas, pines and other garden or indoor plants that decorate with their green leaves.

Dose

for leaf treatment:

sprayed on foliage at a concentration of 1-2% (1-2 dl/10 l water)

For soil fertilization:

on the soil, using 1 cap of nutrient solution for 2 liters of water (1 dl/10 l of water).



It can also be used together with plant protection agents, but we recommend checking the compatibility beforehand.

To be used only in justified cases. Do not exceed the recommended dosage.





TitoHorm

> FLOWER FAVORITE

It usually contains balanced amounts of nutrients suitable for meeting the life-sustaining needs of overwintered plants.

With its use, the plants can be kept in good health, therefore, when the wintered plants are put out again, they start to develop explosively.

It is a perfect solution for those who have a mixture of flowering and leaf ornamental plants and do not want to use multiple product variations. In this way, they can benefit all plants with one product.

Fito Horm VIRÁG KEDVENC

Composition												
	N	P ₂ O ₅	K ₂ 0	MgO	SO₃	Ca0	Fe	Mn	Cu	Zn	В	Мо
m/m%	5,2	5,2	5,2	-	-	-	-	-	-	-	-	-
m/v%	6	6	6	-	-	-	-	-	-	-	-	-
g/l	60	60	60	-	-	-	-	-	-	-	-	-
Chelating agent · EDDHSA												

Directions for use

Area of use

Ornamental plants for gardens, balconies and pots

Dose

for leaf treatment::

Water weekly using 1 cap of nutrient solution for 2 liters of water.



Water weekly from April to September, every 3 weeks in winter.

As a result of the treatments, abundant, balanced growth is achieved.

Applied independently or in one pass with plant protection works.

In the case of foliar fertilization, the basic rules of spraying must also be observed.

Fito Horm

PRODUCTS

> KOMPLEX PLUS

We recommend it for nutrient supplementation of garden, balcony and pot ornamental plants, as well as vegetable plants. FitoHorm Komplex Plus, as its name suggests, is a complex, solid irrigation fertilizer that contains large quantities of the most important macro- and microelements. Due to its composition, it can be used for any houseplant, garden or flowering ornamental plant, both through foliage and soil. It dissolves extremely quickly, and thanks to its high nutrient content, it is a very effective and economical preparation, which, in addition to preventing and curing nutrient deficiencies, also has a positive effect on flowering and improving the quality of the crop.

					Com	positio	n					
	N	$P_{2}O_{5}$	K ₂ 0	Mg0	SO₃	Ca0	Fe	Mn	Cu	Zn	В	Мо
m/m%	14	7	21	-	22	-	0,165	0,032	0,017	0,02	0,01	0,002
Chelating	agent :	EDDHSA										

Directions for use						
Area of use	Dose					
Ornamental plants	As a foliar fertilizer: sprayed on leaves in a concentration of 0.2-0.5%. Applied to the soil as a nutrient solution: 10 g / 10 l of water (1 measuring spoon)					
Geranium	As a foliar fertilizer: sprayed on leaves in a concentration of 0.2-0.5%. Applied to the soil as a nutrient solution: 20 g / 10 l of water (2 measuring spoons)					
Vegetables	As a foliar fertilizer: sprayed on leaves in a concentration of 0.2-0.5%. Applied to the soil as a nutrient solution: 10-20 g / 10 l of water (1-2 measuring spoons)					

FitoHorm



1 kg of FitoHorm Complex Plus is enough for 1000 liters of water!

The nutrient solution is carried out weekly and followed by wash-in irrigation. To be used only in justified cases. Do not

exceed the recommended dosage.



> EVERGREEN LAWN

Fertilizer for evergreens and a beautiful lawn, with a moss-killing effect.

It is recommended for the supply of nutrients to thuyas, pines and other plants grown in the garden or on the balcony that decorate with their green leaves, as well as to refresh and feed lawns. The creation of a coherent, attractive, uniformly colored and constantly renewing stand is only possible with evenly spread, dissolved Fitohorm fertilizer. Its components ensure the even growth of plants, stimulate the formation of green color bodies, thus the development of the color characteristic of the grass species

Composition												
	N	P ₂ 0 ₅	K ₂ 0	MgO	SO₃	Ca0	Fe	Mn	Cu	Zn	В	Мо
m/m%	12	5	5	2	38	-	3,5	-	-	-	-	-
Chelating agent : EDDHSA												

	Directions for use
Area of use	Dose
Parks, grass sports fields, home garden lawns	For replenishing nutrients and killing moss, treating yellowed lawns: applied evenly at a dose of 3-4 kg/100 m2. Application should ideally be followed by washing-in irrigation.
Thuyas, pines and other evergreens	for nutrient solution: 50g / tree



NOTES

FitoHorm

OUR CONSULTANTS



NORTH-DUNÁNTÚL

Győr-Moson-Sopron, Komárom-Esztergom, Pest megye dunántúli része

Kristóf Milán +36 30/525-1434 milan.kristof@fitohorm.hu

WEST-DUNÁNTÚL

Vas, Veszprém, Zala megye

robert.csicsely@fitohorm.hu

Keresztes Zoltán

+36 30/635-3275

SOUTH-DUNÁNTÚL

Somogy, Baranya, Tolna, Fejér megye

Csicsely Róbert

+36 30/656-2166



NORTH-HUNGARY

Pest Dunától keletre fekvő része, Nógrád, Heves, Borsod-Abaúj-Zemplén megye

Téglás-Kovács Zoltán +36 30/338-4835 zoltan.k.teglas@fitohorm.hu

EAST-HUNGARY Jász-Nagykun-Szolnok, Hajdú-Bihar megye

Szutor Imre +36 30/647-8923 imre.szutor@fitohorm.hu



EAST-HUNGARY Szabolcs-Szatmár-Bereg megye

Tóth Tamás +36 30/944-9157 tamas.toth@fitohorm.hu



SOUTH-HUNGARY Bács-Kiskun, Csongrád, Békés megye

zoltan.keresztes@fitohorm.hu

Gyói Gábor +36 30/565-0479 gabor.gyoi@fitohorm.hu



FitoHorm Kft H-6500 Baja, Iparos u. 12 Tel.: +36 79/321-244 E-mail: iroda@fitohorm.hu

