

# products information catalog



+90 530 147 98 17



**makro tarım<sup>®</sup>**

“Biz işimizi seviyor ve önemsiyoruz”

“ We love and care our work ”

[www.makrotarim.com.tr](http://www.makrotarim.com.tr)



## makro tarım ltd. şti.

Since 1996

Founded in 1996 in Antalya, makro tarım ltd. co. adopted to provide the best services to the agriculture industry with the highest plant nutrition quality elements as its mission.

In line with this mission, our main goal has become to offer to our producers the highest quality of liquid and solid fertilizers, water-soluble granule and liquid fertilizers, micro element components, very specific products supporting plants' immunity, gel/semigel products after long-term R&D studies. In accordance with this target, 8 distributor firms in Türkiye and 28 distributor firms abroad grow with sure steps.

Developing permanent and environmentally friendly solutions with a scientific and innovative approach and providing our growers with these solutions will be our greatest source of power.

All products manufactured and exported with the **makro tarım** logo, represents this logo's investigative, environmentalist, researcher and innovative understandings.

- \*\*We research** : because we are innovative
- \*\*We are environmentally** : friendly because we respect nature
- \*\*We are investigative** : because we are in search of the right way
- \*\*We produce** : because development stems from production

Mustafa KUŞBAŞI /	Harun ÖZTÜRK
Agriculture Engineer	Agriculture Engineer
General Manager	General Manager



Today, as it was yesterday, to offer the best and the **highest quality** to our customers with our researcher identity and our **new technological infrastructure** **we work hard.**

Since  
1996

Information is being collected from the field.



Demo experiments are conducted in the laboratory.



Product is commercialized.



Production begins.



Shipment to the market takes place.





*"Çalışmadan, yorulmadan ve üretme-  
den, rahat yaşamak isteyen toplumlar  
evvela haysiyetlerini, sonra hürriyetlerini  
daha sonra dâvrisikial ve istikballerini  
kaybetmeye mahkumdurlar."*

**M. K. ATATÜRK**

*"Societies that want to live  
comfortably without working without  
exertion, and without producing are doomed to  
lose their freedoms first, and subsequently  
their independence and future."*

**M. Kemal ATATÜRK**



# we produce





As development passes  
**through production**



“ Tarımsal üretim de çiftçilerimizin ürünlerine artı değer kazandıran, yüksek kaliteli bitki besleme ve bitki bağışıklık sistemini destekleyici ürünler ile, 1996 yılından itibaren üreticilerimizin hizmetindeyiz. Sizlere ve ürünlerinize daha da artı değer kazandırmak için yüksek kaliteli ve spesifik ürünlerle bundan sonra da yanınızda ve hizmetinizde olmaya devam edeceğiz. ”

“ We are at service of our producer since 1996 with high quality plant nutrient products which adds value to the products of our Farmers in agricultural production. We will continue to be with our producers and will be at their service to add value to their products with high quality and specific fertilizers. ”



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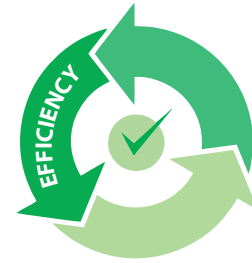


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**About Products; Hierrofer** Hierrofer has 3.6 ortho-ortho value, includes 6 % EDDHA Fe (Iron), is used against Iron (Fe) deficiency (chlorous) in fruit trees, vineyard, pistachios, strawberries, greenhouse and open field vegetable production and ornamental plants. Segurofero is a fast and long-term efficient product which is solved 100 % in water, can be used in all kinds of soil, has a feature of receivability in a wide pH range (5-11).

### GUARANTEED CONTENT (%)

Water Soluble Iron (Fe)	6.00	Orto-Orto value	3.60
Iron (Fe), all chelated with EDDHA	6.00	pH (%5 solution)	5.00
Stable pH range of chelate	5-11		

### APPLICATION RECOMMENDATION



suitable for soil use



partially suitable for multi-mix



For detailed information  
OR barcode  
Please read

	Soil (Decar)
Vegetables (tomato, pepper, eggplant, cucumber, pumkin)	250-300 gr
Strawberry	300-500 gr
Fruit Trees (at the beginning of the first fruit)	20-50 gr/tree
Fruit Trees (normal fruiting period)	100-150 gr/tree
Fruit Trees (high fruiting period)	150-200 gr/tree
Banana	10-15 gr/tree
Olive	100-150 gr/tree
Vineyard	10-20 gr/tree
Citrus (new garden/small trees)	20-50 gr/tree
Citrus (big trees)	200-300 gr/tree
Cotton, corn, sunflower	100-200 gr
Nuts	150-200 gr
Ornamental plants	60-100 gr

Other plants: 2.5-3.5 gr/da (applied from soil to minimum 5000 liters of water)

### Effect on the Plant:

**Hierrofer;** has a high ortho-ortho value, includes 6 % EDDHA Fe (Iron), is used against Iron (Fe) deficiency (chlorous) in fruit trees, vineyard, pistachios, strawberries, greenhouse and open field vegetable production and ornamental plants. Iron in plant nutrition is an extremely important plant nutrient in the formation of chlorophyll, and healthy plant formation helps increase in fruit yield and quality. Hierrofer which positively contributes to the elimination of iron deficiency (Chlorous) is a fast and long-term efficient product which is solved 100 % in water, can be used in all kinds of soil, has a quality of being taken in a wide pH range (5-11).

**REMINDER:** This product is technically applied from soil. In foliar applications, technical department of the makro tarım limited company should be contacted. The dose adjusted according to the culture plant to be used is diluted with the required amount of water and injected into the irrigation system or mixed immediately by sprinkling on the soil surface and irrigation is done. Although it can be mixed with other fertilizers and pesticides, make sure to pre-test before mixing. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and in case of contamination, it should be washed with plenty of clean water. Keep the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. It is recommended to use fertilizer by making leaf and / or soil analysis.



Packaging: 0.8 kg x 20, 5 kg x 2, 10 kg, 25 kg

# SEGUROFERO

Iron Chelate EDDHA (6.0% Fe)

# KELLOM Fer

Iron Chelate EDDHA (6.0% Fe)

**About Product:** **SEGUROFERO**; has 4.8 ortho-ortho, **KELLOM Fer**; 4.2 ortho-ortho value, includes 6.0% EDDHA Fe (Iron), is used against Iron (Fe) deficiency (chlorous) in fruit trees, vineyard, pistachios, strawberries, greenhouse and open field vegetable production and ornamental plants. Segurofero is a fast and long-term efficient product which is solved 100 % in water, can be used in all kinds of soil, has a feature of receivability in a wide pH range (3-11).

## GUARANTEED CONTENT (%) (SEGUROFERO)

Water Soluble Iron (Fe)	6.00	Ortho-Ortho value	4.80
Iron (Fe), all chelated with EDDHA	6.00	pH (%5 solution)	5.00
Stable pH range of chelate	3-12		

## GUARANTEED CONTENT (%) (KELLOM Fer)

Water Soluble Iron (Fe)	6.00	Ortho-Ortho value	4.20
Iron (Fe), all chelated with EDDHA	6.00	pH (%5 solution)	5.00
Stable pH range of chelate	3-12		

## APPLICATION RECOMMENDATION



	Soil (Decar)
Vegetables (tomato, pepper, eggplant, cucumber, pumpkin)	250-300 gr
Strawberry	300-500 gr
Fruit Trees (at the beginning of the first fruit)	20-50 gr/tree
Fruit Trees (normal fruiting period)	100-150 gr/tree
Fruit Trees (high fruiting period)	150-200 gr/tree
Banana	10-15 gr/tree
Olive	100-150 gr/tree
Vineyard	10-20 gr/tree
Citrus (new garden/small trees)	20-50 gr/tree
Citrus (big trees)	200-300 gr/tree
Cotton, corn, sunflower	100-200 gr
Nuts	150-200 gr
Ornamental plants	60-100 gr

Other plants: 2.5-3.5 gr/da (applied from soil to minimum 5000 liters of water)

## Effect on the Plant:

In cases where the soil pH is above 7, the activeness of soluble and receivable Iron comes down to minimum. It is inevitable for iron deficiency (chlorous) to be seen in vegetative productions made above 7 pH. Iron (Fe) causes some biochemical reactions to start by activating many enzymes (Catalase, oxidase, etc.) in the plant. In its deficiency, these reactions are interrupted, deteriorations begin in the chlorophyll structure, the leaves turn yellow. Deficiency stands out in the form of intravenous yellowing in the young leaves. In severe deficiencies, the leaves begin to dry from the ends. Except for high pH, excess of Phosphate and Nitrate, Iron consumption by cultivated plants are the main factors causing Iron (Fe) deficiency (Chlorous). The most efficient way to eliminate iron deficiency (chlorous) in vegetative production is to use EDDHA chelated SEGUROFERO and KELLOM Fer.

**REMINDER:** This product is technically applied from soil. In foliar applications, technical department of the makro tarım limited company should be contacted. The dose adjusted according to the culture plant to be used is diluted with the required amount of water and injected into the irrigation system or mixed immediately by sprinkling on the soil surface and irrigation is done. Although it can be mixed with other fertilizers and pesticides, make sure to pre-test before mixing. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and in case of contamination, it should be washed with plenty of clean water. Keep the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets.  
**It is recommended to use fertilizer by making leaf and / or soil analysis.**



Packaging: 1 kg x 20, 5 kg x 2, 5 kg x 4 10 kg

# Deal Combi Lq

## Liquid Mixture of Micronutrients in Liquid State Containing Boron (B), Copper (Cu), Iron (Fe), Manganese (Mn), Molybdenum (Mo), and Zinc (Zn)"

**About Products: DEAL COMBI Lq;** Completely soluble in water, this liquid mixture of micro plant nutrients contains 0.55% (w/v) Copper (Cu), 0.55% (w/v) Boron (B), 2.48% (w/v) Iron (Fe), 1.10% (w/v) Manganese (Mn), 0.028% (w/v) Molybdenum (Mo), and 1.38% (w/v) Zinc (Zn). In cases where these elements are insufficient in plants, it helps to eliminate the deficiencies with the application or applications.

### GUARANTEED CONTENT: (w/v)

(w/v)		(w/v)	
Water Soluble Copper (Cu)	0.58	Water Soluble Molybdenum (Mo)	0.029
Water Soluble Boron (B)	0.58	Water Soluble Zinc (Zn)	1.45
Water Soluble Iron (Fe)	2.61	Density (d)	1.16 g/ml
Water Soluble Manganese (Mn)	1.16		

### APPLICATION RECOMMENDATION



Suitable for foliar application by drone



suitable for foliar use



suitable for soil use



suitable for multiple mixes



For detailed information  
QR barcode  
Please read.



Packaging: 500 ml x 40, 1 L x 20, 5 L x 4, 20 L

	Foliar (Decare)	Soil (Decare)
Vegetables (tomato, pepper, eggplant, cucumber, pumkin)	80-125 ml/da	200-300 ml/da
Strawberry	80-125 ml/da	200-300 ml/da
Fruit Trees (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)	75-125 ml/da	300-500 ml/da
Banana	90-130 ml/da	300-500 ml/da
Olive	75-125 ml/da	300-500 ml/da
Vineyard	75-125 ml/da	300-500 ml/da
Citrus	75-125 ml/da	300-500 ml/da
Sugar Beet	90-130 ml/da	300-500 ml/da
Cotton, corn, sunflower	90-130 ml/da	300-500 ml/da
Potato, Carrot, Onion	90-130 ml/da	300-500 ml/da
Nuts	75-125 ml/da	300-500 ml/da
Ornamental plants	50-75 ml/da	200-300 ml/da
Cereals (Wheat, Barley, Oats etc.)	90-130 ml/da	300-500 ml/da
Melon, Watermelon	90-130 ml/da	300-500 ml/da
Bean	80-125 ml/da	200-300 ml/da

It can be applied from all irrigation systems (foliar-drip-sprinkler-flood-spring irrigation).

### Effect on Plant:

\*Copper (Cu), Boron (B), Iron (Fe), Manganese (Mn), Molybdenum (Mo) and Zinc (Zn), which can be seen in plants both in vegetable and fruit growing. It is recommended and used to eliminate deficiencies.

\*In addition to homogeneous flowering and fruit set, this product is enriched with organic silicon and polycarboxylates and is also effective in the uptake of other products it is used with.

\*When necessary, it can be applied to the leaves with a DRONE, or it can be applied to the soil with drip irrigation and other irrigation systems.

\*Product formulation has been designed considering the capacity of drone tanks.

**REMINDER** This product is applied both foliar and soil. The dose adjusted according to the crop plant to be used is diluted with the required amount of water and injected into the irrigation system for soil applications. In foliar applications, the required dose is sprayed onto the leaves with sufficient water. Although it can be mixed with other fertilizers and pesticides, be sure to do a preliminary test before mixing. Nothing should be eaten or drunk during the application, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended on windy, wet, frost-risk days and in rainy weather. Application should be done in the morning or evening. Keep the product in a sheltered place (at a temperature of 5-35 C) away from children and pets. **It is recommended to use fertilizer after leaf and/or soil analysis.**

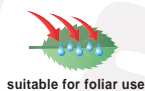
**NOTE:** Our company recommends low-dose multiple applications for micronutrient treatments instead of a single dose. Field and greenhouse trials conducted by our company have shown increased micronutrient uptake in plants when micronutrient products are applied together with amino acids (OLA-STYM 25-Ultra Amino-STYM ANIMAL).

**About Products; makroCombi;** is a mixture of micro elements combined with special chelators (carrier molecules) containing 0.5% Boron (B), 1.0% Copper (Cu), 5.0% Iron (Fe), 5.0% Manganese (Mn) and 7.0% Zinc (Zn). It is a special formulation that is 100 % soluble in water, and can be applied both from leaf and soil in the elimination and treatment of deficiencies resulting from these elements in vegetative production.

### GUARANTEED CONTENT (%)

Water Soluble Boron (B)	0.50	Water Soluble Zinc (Zn)	7.00
Water Soluble Copper (Cu)	1.00	Stable pH range of chelate	4-9
Water Soluble Iron (Fe)	5.00		
Water Soluble Manganese (Mn)	5.00		

### APPLICATION RECOMMENDATION



suitable for foliar use



suitable for soil use



suitable for multiple mixes



For detailed information  
QR barcode  
Please read



Packaging: 1 kg x 20, 5 kg x 4, 10 kg x 3

### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:** (Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

**Cotton**

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry**

**Olive, Hazelnut, Pistachio**

**Vineyard**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

**Soil Application:**

Drip Irrigation 2-4 kg/ha, Flood irrigation 4-6 kg/ha, Sprinkler irrigation 600-800 gr/ha. It is repeated 3-5 times.

### Foliar Application

### Usage

: 40-60 gr/da	3-5
: 40-60 gr/da	2-3
: 60-80 gr/da	2-3
: 60-80 gr/da	2-4
: 60-80 gr/da	2-3
: 50-70 gr/da	2-3
: 50-70 gr/da	3-5
: 70-90 gr/da	1-3
: 70-90 gr/da	2-4
: 40-80 gr/da	2-4
: 60-80 gr/da	2-3
: 60-80 gr/da	1-2
: 40-60 gr/da	2-3
: 40-60 gr/da	1-3

### Effect on the Plant:

It is recommended and used to eliminate symptoms that may occur in Boron (B), Copper (Cu), Iron (Fe), Manganese (Mn) and Zinc (Zn) deficiencies that can be seen in plants. \* It is a special microelement combination that is strengthened with special solvents and chelates (LPCA etc.) and made ready for the uptake of the plant. \* It provides pollen and flower formation better than desired. \* It helps the formation of more vivid and brighter petals. \* It is a perfect mixture that ensures active functioning of vitamins and enzymes in the plant. \* Rapid receivability in foliar and soil applications. \* Excellent effect even in high pH, lime, excessive moisture, unsuitable soil structure.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the culture plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

**NOTE:** Our firm recommends low-dose repeated applications instead of single dose in micro elements applications. In field and greenhouse trials carried out by us, an increase in micro element uptake was observed in plants in the applications with products with micro elements and amino acids (OLA-STYM 25-Ultra Amino-STYM ANIMAL)

**About Products; toroCombi;** is a mixture of micro elements combined with special chelators (carrier molecules) containing 0.3% Boron (B), 1.0% Copper (Cu), 5.0% Iron (Fe), 5.0% Manganese (Mn) and 7.0% Zinc (Zn). It is a special formulation that is 100 % soluble in water, and can be applied both from leaf and soil in the elimination and treatment of deficiencies resulting from these elements in vegetative production.

### GUARANTEED CONTENT (%)

Water Soluble Boron (B)	0.30	Water Soluble Manganese (Mn)	5.00
Water Soluble Copper (Cu)	1.00	Water Soluble Zinc (Zn)	7.00
Water Soluble Iron (Fe)	5.00		

### APPLICATION RECOMMENDATION



suitable for foliar use



suitable for soil use



suitable for multiple mixes



For detailed information  
QR barcode  
Please read.



Packaging: 1 kg x 20, 5 kg x 4, 10 kg x 3

#### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

#### Cotton

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry**

**Olive, Hazelnut, Pistachio**

**Vineyard**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

#### Soil Application:

Drip irrigation 2-4 kg/ha, Flood irrigation 4-6 kg/ha, Sprinkler irrigation 600-800 gr/ha. It is repeated 3-5 times.

#### Effect on the Plant:

It is recommended and used in eliminating the symptoms that may occur in Boron (B), Copper (Cu), Iron (Fe), Manganese (Mn) and Zinc (Zn) deficiencies that can be seen in plants in agricultural production.

\* It is a special microelement combination that is strengthened with special solvents and chelates (C.A. etc.) and made ready for the uptake of the plant.

\* Plant nutrients prevent deficiencies, correct the areas seen as a result of deficiency and eliminate yellowing.

\* It helps the formation of more vivid and brighter petals.

\* It is a perfect mixture that ensures active functioning of vitamins and enzymes in the plant.

\* Rapid receivability in foliar and soil applications.

\* Excellent effect even in high pH, lime, excessive moisture, unsuitable soil structure.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the culture plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

**NOTE:** Our firm recommends low-dose repeated applications instead of single dose in micro elements applications. In field and greenhouse trials carried out by us, an increase in micro element uptake was observed in plants in the applications with products with micro elements and amino acids (OLA-STYM 25-Ultra Amino-STYM ANIMAL)

#### Foliar Application

: 40-60 gr/da

: 40-60 gr/da

: 60-80 gr/da

: 60-80 gr/da

: 60-80 gr/da

: 50-70 gr/da

: 50-70 gr/da

: 70-90 gr/da

: 70-90 gr/da

: 40-80 gr/da

: 60-80 gr/da

: 60-80 gr/da

: 40-60 gr/da

: 40-60 gr/da

#### Usage

3-5

2-3

2-3

2-4

2-3

2-3

3-5

1-3

2-4

2-4

2-3

1-2

2-3

1-3

# kelomMixCOMBi

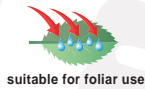
## Solid Micro Plant Nutrient Mixture containing Boron (B), Copper (Cu), Iron (Fe), Manganese (Mn), Molybdenum (Mo), Zinc (Zn).

**About Products; kelomMixCombi;** is a combination of micro elements that contains 0.5% Boron (B), 1.0% Copper (Cu), 5.0% Iron (Fe), 2.4% Manganese (Mn), 0.1% Molybdenum (Mo) and 4.0% Zinc (Zn) and is reinforced with special solvents and EDTA chelate. It is a mixture of EDTA chelated micro elements that is 100 % soluble in water, and can be applied both from leaf and soil in the elimination and treatment of deficiencies resulting from these elements in vegetative production.

### GUARANTEED CONTENT (%)

Water Soluble Boron (B)	0.30	Chelated with EDTA Manganese(Mn)	1.00
Chelated with EDTA Copper (Cu)	1.00	Water Soluble Molybdenum(Mo)	0.10
Water Soluble Iron (Fe)	5.00	Water Soluble Zinc(Zn)	4.00
Chelated with EDTA Iron(Fe)	1.00	Chelated with EDTA Zinc(Zn)	1.00
Water Soluble Manganese(Mn)	2.40	The pH at which the chelate is stable	3-9

### APPLICATION RECOMMENDATION



suitable for foliar use



suitable for soil use



suitable for multiple mixes



For detailed information  
QR barcode  
Please read



Packaging: 1 kg x 20, 5 kg x 4, 10 kg x 2

### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

**Cotton**

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry**

**Olive, Hazelnut, Pistachio**

**Vineyard**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

**Soil Application:**

Drip irrigation 2-4 kg/ha, Flood irrigation 4-6 kg/ha, Sprinkler irrigation 600-800 gr/ha. It is repeated 3-5 times.

### Effect on the Plant:

It is recommended and used to remove deficiencies in Boron (B), Copper (Cu), Iron (Fe), Manganese (Mn), Molybdenum (Mo) and Zinc (Zn), which are seen in plants and cause significant yield-quality losses.

- \* Thanks to the EDTA chelate contained in it, it shows effect on the plant in a short time.
- \* Provides healthy pollen and flower formation.
- \* Flower attitude is very effective and development.
- \* It supports fruit formation and increases the plant's resistance to adverse conditions.
- \* It meets all micro element needs for the plant.
- \* Rapid absorption is provided by the plant in foliar and soil applications.
- \* Excellent effect even in high pH, lime, excessive moisture, unsuitable soil structure.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the culture plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 ° C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

**NOTE:** Our firm recommends low-dose repeated applications instead of single dose in micro elements applications. In field and greenhouse trials carried out by us, an increase in micro element uptake was observed in plants in the applications with products with micro elements and amino acids (OLA-STYM 25-Ultra Amino-STYM ANIMAL)

# Way-outmix LS

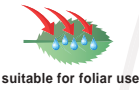
## Solid Micro plant nutrient Mixture containing Boron (B), Copper (Cu), Iron (Fe), Manganese (Mn), Molybdenum (Mo), Zinc (Zn).

**About Products; Way-outmix LS**, in micro granular structure, LS (LignoSulfonic Acid chelated); is a mixture of micro-plant nutrients in solid form that is completely soluble in water, contains Boron (B), Copper (Cu), Iron (Fe), Manganese (Mn), Molybdenum (Mo) and Zinc (Zn). In cases where micro plant nutrient elements are insufficient in plants, it can be used both from leaf and soil in the application or applications to eliminate the deficiency of these elements.

### GUARANTEED CONTENT (%)

Water Soluble Boron (B)	0.60	Complexed with Lignosulfonic acid (LS) Mangan (Mn)	2.50
Water Soluble Copper (Cu)	0.65	Water Soluble Molybdenum (Mo)	0.09
Complexed with Lignosulfonic acid (LS) Copper (Cu)	0.50	Water Soluble Zinc (Zn)	3.00
Water Soluble Iron (Fe)	5.00	Complexed with Lignosulfonic acid (LS) Zinc (Zn)	2.50
Complexed with Lignosulfonic acid (LS) Iron (Fe)	4.50	Clor (Cl) Content	2.70
Water Soluble Manganese (Mn)	3.00	PH Range where Lignosulfonic acid (LS) and Complex are stable	4.0-9.0

### APPLICATION RECOMMENDATION



suitable for foliar use



suitable for soil use



suitable for multiple mixes



For detailed information  
QR barcode  
Please read



Packaging: 1kg x 20, 5kg x 4, 10kg x 2

#### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:** (Sunflower, Barley, Wheat, Rye, Paddy, Chickpea,

Soy, Tobacco, Lentil, Corn etc.)

**Cotton**

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry**

**Olive, Hazelnut, Pistachio**

**Vineyard**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

#### Soil Application:

Drip Irrigation 1-2.5 kg/ha, Flood irrigation 2-4 kg/ha, Sprinkler irrigation 600-800 gr/ha. It is repeated 3-5 times.

#### WHY LIGNOSULFONIC ACID?

Before the mineral chelated in LignoSulfonic Acid chelate enters the cell wall, the mineral is separated outside. Mineral passes into the cell. In EDTA chelate substance, the mineral separates from the chelate inside the cell. The EDTA entering the cell pulls calcium from the cell wall and causes the weakening of the cell wall. Therefore, the use of EDTA chelated minerals very often causes calcium deficiency.

#### Effect on the Plant: Wayoyoutmix LS;

\* It is the perfect mixture that ensures active functioning of vitamins and enzymes in the plant.\* Provides healthy pollen and flower formation.\* It contributes positively to more vivid and bright petal formation.\* It supports fruit formation and increases the plant's resistance to adverse conditions.\* When used together, it increases the entrance to the plant by chelating other plant nutrients

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the culture plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

**NOTE:** Our firm recommends low-dose repeated applications instead of single dose in micro elements applications. In field and greenhouse trials carried out by us, an increase in micro element uptake was observed in plants in the applications with products with micro elements and amino acids (OLA-STYM 25-Ultra Amino-STYM ANIMAL)

**About Products;** tria-QBMZ, is a mixture of micro-plant nutrients in solid form containing high levels of Boron (B), Copper (Cu), Iron (Fe), Manganese (Mn), Molybdenum (Mo) and Zinc (Zn). It is used in agricultural production to remove boron, molybdenum, zinc and magnesium deficiencies that can be seen in cultivated plants. It is the best product which is 100 % soluble in water, and can be applied both from leaf and soil in the elimination and treatment of deficiencies resulting from these elements in vegetative production.

### GUARANTEED CONTENT (%)

Water Soluble Boron(B)	3.00	Zinc(Zn), all chelated with EDTA	5.00
Water Soluble Molybdenum(Mo)	1.50	pH(22 °C/1/10)	5.0-7.0

### APPLICATION RECOMMENDATION



suitable for foliar use



suitable for soil use



suitable for multiple mixes



For detailed information  
QR barcode  
Please read



Packaging: 250 gr x 40, 500 gr x 40

#### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

#### Cotton

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry**

**Olive, Hazelnut, Pistachio**

**Vineyard**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

#### Soil Application:

Drip Irrigation 1-2.5 kg/ha, Flood irrigation 2-4 kg/ha, Sprinkler irrigation 600-800 gr/ha. It is repeated 3-5 times.

#### Effect on the Plant:

It is an effective product whose content is reinforced with EDTA chelate, enriched with special enzymes and activators, recommended and used in the elimination of deficiencies of Boron (B), Molybdenum (Mo) Zinc (Zn), Magnesium (Mg). \* It is a highly efficient micro element combination on flowering, pollen formation and fruit formation.\* It contributes significantly to the formation of more vivid and healthy flowers. This is why the conversion of healthy flowers to fruit is more effective. \* It is also effective in chlorophyll formation and carbohydrate synthesis, increases fruit set and prevents fruit shedding.\* It can be used from the leaf as well as it can be applied from the soil when necessary. It has a positive effect on root development. \* It provides excellent effect even in high pH, lime, excessive moisture and unsuitable soil structure.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the culture plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 ° C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

**NOT:** Our firm recommends low-dose repeated applications instead of single dose in micro elements applications. In field and greenhouse trials carried out by us, an increase in micro element uptake was observed in plants in the applications with products with micro elements and amino acids (OLA-STYM 25-Ultra Amino-STYM ANIMAL)

**About Products; boMoZinc**, is an excellent micro element mixture which is in crystal form with high concentration, has 100% soluble feature and contains 3.0% Boron (B), 7.0% Molybdenum (Mo), 10.0% Zinc (Zn). It is recommended and used for removing Boron (B), Molybdenum (Mo) and Zinc (Zn) deficiencies that cause significant yield and quality losses in case of deficiency that can be seen in plants.

### GUARANTEED CONTENT (%)

Water Soluble Boron(B)	3.00	Water Soluble Zinc(Zn)	10.00
Water Soluble Molybdenum(Mo)	7.00	pH(22 °C/1/10)	5.0-7.0

### APPLICATION RECOMMENDATION



suitable for foliar use



suitable for soil use



suitable for multiple mixes



For detailed information  
QR barcode  
Please read



Packaging: 250 gr x 40, 500 gr x 40

### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

### Cotton

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry**

**Olive, Hazelnut, Pistachio**

**Vineyard**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

### Soil Application:

Drip Irrigation 1-2.5 kg/ha, Flood irrigation 2-4 kg/ha, Sprinkler irrigation 600-800 gr/ha. It is repeated 3-5 times.

### Effect on the Plant:

\*BoMoZinc which is mostly effective in generative component in vegetative production is a special product with high level of Boron (B), Molybdenum (Mo) and Zinc (Zn) content that we can use in sensitive periods of the plant such as flowering, fertilization and fertilization. \* Boron (B) is an effective plant nutrient in germination of pollen, removing weak fruit set and nucleic acid synthesis, carbohydrate and protein synthesis. Molybdenum (Mo) is an absolutely effective plant nutrient in nitrogen and carbohydrate synthesis. \* Zinc (Zn) is located in growth hormones in plants. It increases flowering and fruit set, prevents fruit shedding. It promotes the fringe (capillary) root development in soil applications. It triggers plants to be resistant to cold and heat stress.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the culture plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 ° C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

**NOTE:** Our firm recommends low-dose repeated applications instead of single dose in micro elements applications. In field and greenhouse trials carried out by us, an increase in micro element uptake was observed in plants in the applications with products with micro elements and amino acids (OLA-STYM 25-Ultra Amino-STYM ANIMAL)

### Foliar Application

: 50-75 gr/da

: 50-75 gr/da

: 50-75 gr/da

: 50-75 gr/da

: 50-75 gr/da

: 50-75 gr/da

: 50-75 gr/da

: 50-75 gr/da

: 50-75 gr/da

: 50-75 gr/da

: 50-75 gr/da

: 50-75 gr/da

: 50-75 gr/da

: 50-75 gr/da

### Usage

4-6

1-3

1-3

2-3

1-3

3-5

3-5

2-3

2-4

2-4

2-3

1-3

2-3

2-4

# Windy Zibor

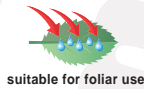
Micro Plant Nutrient Mixture  
with Boron (B) and Zinc (Zn).

**About Products; Windy Zibor**, : is an excellent micro element (Boron and Zinc) mixture which is in crystal form with high concentration, has 100% soluble feature and contains 8.5% Boron (B), 12.5% Zinc (Zn). It is an important formulation especially for plants that need high Boron (B) and Zinc (Zn). It can be used from both leaf and soil. It is effective in flowering and live pollen formation.

## GUARANTEED CONTENT (%)

Water Soluble Boron(B)	8.50	pH(22 °C1/10)	2.0-4.0
Water Soluble Zinc(Zn)	12.50		

## APPLICATION RECOMMENDATION



suitable for foliar use



suitable for soil use



suitable for multiple mixes



For detailed information  
QR barcode  
Please read



Packaging: 1 Kg x 20, 5 kg x 4, 10 kg x 2

### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

### Cotton

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry**

**Olive, Hazelnut, Pistachio**

**Vineyard**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

### Soil Application:

Drip Irrigation 2-3 kg/ha, Flood irrigation 3-4 kg/ha, Sprinkler irrigation 600-800 gr/ha. It is repeated 3-5 times.

### Effect on the Plant:

\***Windy Zibor**, which is mostly efficient in generative component in vegetative production is a special product with high Boron (B) and Zinc (Zn) content that can be used in sensitive periods of the plant such as flowering, fertilization. \* Boron (B) is an effective plant nutrient in germination of pollen, removing weak fruit set and nucleic acid synthesis, carbohydrate and protein synthesis. In case of deficiency, insufficiency in fertilization and fruit formation, deaths in the growth cone, shape defects in leaves and cracking and rotting in the stem are observed. Zinc (Zn) is located in growth hormones in plants. It increases flowering and fruit set, prevents fruit shedding. It promotes the fringe (capillary) root development in soil applications. It triggers plants to be resistant to cold and heat stress. In case of deficiency, a decrease in the amount of fruit bud and bud, flowering and flower set, and early defoliation are observed. Rosette is the most prominent feature of scrub plants and end leaves.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the culture plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 ° C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

**NOTE:** Our firm recommends low-dose repeated applications instead of single dose in micro elements applications. In field and greenhouse trials carried out by us, an increase in micro element uptake was observed in plants in the applications with products with micro elements and amino acids (OLA-STYM 25-Ultra Amino-STYM ANIMAL)



we  
**work hard**

# oVoon Zn+Mn

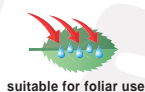
## Solid Micro Plant nutrients ,Mixture containing Manganese (Mn) and Zinc (Zn).

**About Products: oVoon Zn+Mn;** It is a solid micro plant nutrients mixture containing 7.5% Manganese (Mn), 12.5% Zinc (Zn). The content is reinforced with special plant activators and it is used to eliminate Manganese (Mn) and Zinc (Zn) deficiencies seen and / or possible to be seen in plants.

### GUARANTEED CONTENT (%)

Manganese (Mn-Water soluble)	7.50	pH (22 °C 1/10)	1.7-3.7
Zinc (Zn-Water soluble, EDTA)	12.50	EC (dS/m)	34.1<

### APPLICATION RECOMMENDATION



suitable for foliar use



suitable for soil use



suitable for multiple mixes



For detailed information  
QR barcode  
Please read



**Packaging:** 1 kg x 20, 5 kg x 4, 10 kg x 2, 20/25 kg

#### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

#### Cotton

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry**

**Olive, Hazelnut, Pistachio**

**Vineyard**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

#### Soil Application:

Drip irrigation 1-2.5 kg/ha, Flood irrigation 2-3 kg/ha, Sprinkler irrigation 1.5-2.5 kg/ha. It is repeated 3-5 times.

#### Effect on the Plant:

\*It helps increase chlorophyll synthesis in the applied plants due to the microelements it contains \* It contains organic chelators that increase the absorption of micro elements. \* It is used effectively in important activities such as protein synthesis and plant growth. \* It contributes positively to homogenous fruit set due to its effect on healthy flowering and pollen formation. \* It plays an active role in lateral root formation in soil applications.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the culture plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 ° C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

**NOT** Our firm recommends low-dose repeated applications instead of single dose in micro elements applications. In field and greenhouse trials carried out by us, an increase in micro element uptake was observed in plants in the applications with products with micro elements and amino acids (OLA-STYM 25-Ultra Amino-STYM ANIMAL)

**About Products: Amaros W;** It is a mixture of micro plant nutrients in solid form, containing 19.8% Manganese (Mn), 2.0% Iron (Fe) and 0.5% Copper (Cu). It is combined with special molecules and amino acids to increase the absorption of Manganese in the plant. It is recommended and used for removing Manganese (Mn) deficiency in plants.

### GUARANTEED CONTENT (%)

Water Soluble Manganese (Mn)	19,8	Water Soluble Copper (Cu)	0,5
Water Soluble Iron (Fe)	2,0	pH (22 °C 1/10)	2.0-4.0

### APPLICATION RECOMMENDATION



suitable for foliar use



suitable for soil use



suitable for multiple mixes



For detailed information  
QR barcode  
Please read.



**Packaging:** 1 kg x 20, 5 kg x 4, 10 kg x 3, 20/25 kg

#### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

**Cotton**

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry**

**Olive, Hazelnut, Pistachio**

**Vineyard**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

#### Soil Application:

Drip Irrigation 3-4 kg/ha, Flood irrigation 4-6 kg/ha, Sprinkler irrigation 1-1.5 kg/ha. It is repeated 3-5 times.

#### Foliar Application

: 50-100 gr/da

: 100-150 gr/da

: 100-200 gr/da

: 100-200 gr/da

: 100-200 gr/da

: 100-150 gr/da

: 50-100 gr/da

: 100-150 gr/da

: 100-200 gr/da

: 100-200 gr/da

: 100-150 gr/da

: 100-150 gr/da

: 50-75 gr/da

: 50-75 gr/da

#### Usage

2-4

1-3

1-3

2-3

1-3

2-4

3-5

2-3

2-3

2-3

1-3

1-3

2-3

2-3

### Effect on the Plant

\* It plays an active role in the disintegration of water during photosynthesis in manganese plants. It acts as a bridge in ATP and enzyme complexes. \* It helps to activate fertilization in plants. \* It supports qualified color formation due to its effect in chlorophyll synthesis. \* Due to its effect on photosynthesis and color formation, it provides more vibrant and resisting green components in plants. \* It provides quick and easy solution due to the use of special production technique. In this way, its transport to the plant will be easier. \* As it is active between the cells, it makes the fruit stem parts thicker and durable. \* It helps to grow more vivid plants in eliminating the Iron (Fe) deficiency in the content. Copper (Cu) is effective in carbohydrate and protein metabolism.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the culture plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

**NOT** Our firm recommends low-dose repeated applications instead of single dose in micro elements applications. In field and greenhouse trials carried out by us, an increase in micro element uptake was observed in plants in the applications with products with micro elements and amino acids (OLA-STYM 25-Ultra Amino-STYM ANIMAL)

# Amaros L

## Liquid Fertilizer Solution Containing Manganese (Mn).

**About Products; Amaros L;** It is a plant nutrient in liquid form containing 9,10% Manganese (Mn). It is combined with special molecules, Nitrate Nitrogen and Amino acids to increase the effect of Manganese in the content in the plant. These molecules, Nitrat Nitrogen and Amino acids make this product different from other Manganese-containing products. It is a liquid solution of Manganese (Mn) which is recommended and used for removing Manganese (Mn) deficiency.

### GUARANTEED CONTENT(w/v)

Water Soluble Manganese (Mn)	9.10	Density (d) gr/ml	1.40
pH (22 °C 1/10)	1.0-3.0		

### APPLICATION RECOMMENDATION



suitable for foliar use



suitable for soil use



partially suitable for  
multi-mix



For detailed information  
QR barcode  
Please read



Packaging: 1 L x 20, 5 L x 4, 10 L x 2, 20L / 25 kg

	Foliar Application	Usage
<b>Greenhouse and Open Field Vegetables</b>	: 100-150 cc/da	2-4
<b>Fruit Trees</b> (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)	: 100-150 cc/da	1-3
<b>Farm plants:</b> (Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)	: 150-200 cc/da	1-3
<b>Cotton</b>	: 150-200 cc/da	2-3
<b>Sugar beet, Carrot, Onion, Potato, Garlic</b>	: 150-200 cc/da	1-3
<b>Banana</b>	: 100-150 cc/da	2-4
<b>Strawberry</b>	: 100-150 cc/da	3-5
<b>Olive, Hazelnut, Pistachio</b>	: 100-150 cc/da	2-3
<b>Vineyard</b>	: 100-150 cc/da	2-3
<b>Citrus</b> (Lemon, Tangerine, Orange, Grapefruit etc.)	: 150-200 cc/da	2-3
<b>Oil Plants</b>	: 150-200 cc/da	1-3
<b>Pomegranate</b>	: 100-150 cc/da	1-3
<b>Cut Flower</b> (Gerbera, carnation, rose)	: 100-125 cc/da	2-3
<b>Greenery Group</b>	: 75-125 cc/da	2-3

### Soil Application:

Drip Irrigation 5-10 L/ha, Flood irrigation 7.5-12 L/ha, Sprinkler irrigation 1-1.5 L/ha. It is repeated 3-5 times.

### Effect on the Plant:

\* It shows excellent activity especially in chlorophyll synthesis and accelerates photosynthesis. \* Thanks to its Nitrate Nitrogen and Amino Acids content, it provides FAST absorption, FAST effect and excellent brightness in fruit color. \* As it is active between the cells, it makes the fruit stem parts thicker and durable. \* It is effective in the formation of vegetative components with high resistance. \* Manganese (Mn) is efficient in the homogeneous coloration of the fruits and triggers the formation of standard grain in the bean. In its deficiency, the grains remain small and necrosis occurs on them.

**REMINDER** This product can be applied both from soil and leaves. The dose adjusted according to the culture plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

**NOTE:** Our firm recommends low-dose repeated applications instead of single dose in micro elements applications. In field and greenhouse trials carried out by us, an increase in micro element uptake was observed in plants in the applications with products with micro elements and amino acids (OLA-STYM 25-Ultra Amino-STYM ANIMAL)

**About Products; Conza;** About product; It is a liquid ferrous fertilizer solution containing (%w/v) 2.26 Iron(Fe), 1.75 Potassium Oxide (K<sub>2</sub>O) and 25.00 Polycarboxylic Acid. It is used and recommended to eliminate Iron (Fe) deficiencies that may be seen in plants. In plant production, especially it has a positive effect on fruit homogeneous coloration.

### GUARANTEED CONTENT: (w/v)

Water Soluble Iron (Fe)	2.26	Polycarboxylic Acid	25.00
Water Soluble Potassium Oxide (K <sub>2</sub> O)	1.75	Density (d) gr/ml	1.13

### APPLICATION RECOMMENDATION



suitable for foliar use



suitable for soil use



suitable for multiple mixes



For detailed information  
QR barcode  
Please read



Packaging: 1L x 20, 5 L x 4, 20 L

	Foliar (Decare)	Soil (Decare)
Vegetables (tomato, pepper, eggplant, cucumber, pumkin)	250-300 ml	1-3 L
Strawberry	200-300 ml	1-3 L
Fruit Trees (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)	200-300 ml	1-3 L
Banana	250-300 ml	1-3 L
Olive	250-300 ml	1-3 L
Vineyard	200-300 ml	1-3 L
Citrus	200-300 ml	1-3 L
Sugar Beet	200-250 ml	1-3 L
Cotton, corn, sunflower	200-250 ml	1-3 L
Potato, Carrot, Onion	200-300 ml	1-3 L
Nuts	200 ml	1-3 L
Ornamental plants	200 ml	1-3 L
Cereals (Wheat, Barley, Oats etc.)	200-250 ml	1-3 L
Melon, Watermelon	250-300 ml	1-3 L
Bean	200-250 ml	1-3 L

**Other products:** From leaves: 150-250 ml/da (or 100 L of water), From soil: 1-3 L/da

### Effect on Plant:

It is also recommended and used to eliminate the symptoms of Boron (B), Copper (Cu), Iron (Fe), Manganese (Mn) and Zinc (Zn) deficiencies in plants in agricultural production.

\*It is a mixture of micro elements that can be quickly absorbed by the plant.

\*It helps prevent deficiencies in plant nutrients such as Boron (B), Copper (Cu), Iron (Fe), Manganese (Mn) and Zinc (Zn) and contributes to the elimination of symptoms resulting from deficiency.

\*It enables more vibrant and bright petal formation, flowering and healthy pollen formation.

\*Triggers the active functioning of vitamins and enzymes found in the plant.

\*It can be applied to both leaves and soil and can be taken up by the plant.

\*It can be taken up by the plant even in high pH, lime, excessive humidity and unsuitable soil conditions.

**REMINDER** This product is applied both foliar and soil. The dose adjusted according to the crop plant to be used is diluted with the required amount of water and injected into the irrigation system for soil applications, and the adjusted dose is sufficient for foliar applications. It is sprayed onto the leaves with a large amount of water. Although it can be mixed with other fertilizers and pesticides, be sure to do a preliminary test before mixing. Nothing should be eaten or drunk during the application, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended on windy, wet, frost-risk days and in rainy weather. Application should be done in the morning or evening. Keep the product in a sheltered place (at a temperature of 5-35 C) away from children and pets. It is recommended to use fertilizer after leaf and/or soil analysis.

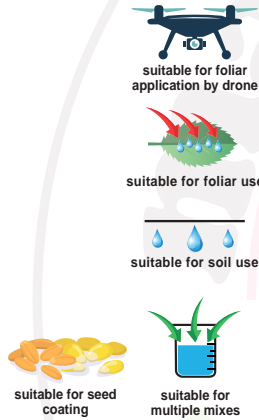
**NOTE :** Our firm recommends low-dose repeated applications instead of single dose in micro elements applications. In field and greenhouse trials carried out by us, an increase in micro element uptake was observed in plants in the applications with products with micro elements and amino acids (OLA-STYM 25-Ultra Amino-STYM ANIMAL)

**About Products; greenBull;** It contains 8.40% (w/v) Zinc (Zn) and Zinc (Zn) in its content is strengthened with very special molecules. These molecules enable the bidirectional transport of the essential nutrient zinc within the plant **greenBull** which raises awareness with its gel formulation is an efficient product that can be recommended and used in removing Zinc (Zn) deficiencies that can be seen in vegetative production.

### GUARANTEED CONTENT(w/v)

Water Soluble Zinc (Zn)	8.40	density (d) gr/ml	1.40
pH (22 °C 1/10)	5,5-7,5		

### APPLICATION RECOMMENDATION



**Packaging:** 0.5L x 40, 1L x 20, 5L x 4, 10L x 2, 25kg/20L

### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

### Cotton

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry**

**Olive, Hazelnut, Pistachio**

**Vineyard**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

**Seed Coating (1000 kg seed)**

### Soil Application:

Drip Irrigation 3-3.5 L/ha, Flood irrigation 3-5 L/ha, Sprinkler irrigation 600-800 cc/ha. It is repeated 3-5 times.

### Effect on the Plant:

\* The highness of pH and calcium in vegetative production makes Zinc (Zn) deficiency inevitable. It is one of the most common plant nutrients. It is absolutely necessary for nitrogen (N) metabolism in the plant and it is effective in accelerating photosynthesis by stimulating the anhydrase enzyme. Plant growth and rooting remain weak in its deficiency, auxin synthesis is negatively affected. Auxins are natural stimulants that directly affect plant growth and flowering. \* greenBull is a perfect product that has double transport feature supplemented with special enzymes and provides very fast uptake from dripping and leaf. \* It shows maximum effect at minimum dosage. \*It affects root development and plant growth positively by increasing cell division in plants. \* It is highly effective in budding, flowering and fruit set by promoting the work of plant growth hormones. It also increases the resistance of plants to cold and heat stress. \* It prevents rosettes especially in fruit trees. It prevents possible reductions in the number of buds. Fertilizer application with excessive Phosphate triggers Zinc (Zn) deficiency. Fruit trees such as citrus fruits, peaches, apricots are more sensitive to Zinc (Zn). Field crops such as potatoes, cotton, corn and onions are also the products affected by Zinc (Zn) deficiency most.

**REMINDER** This product can be applied both from soil and leaves. The dose adjusted according to the culture plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 ° C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.



and  
**for exist**  
in the **future**

**About Products;** toroBor; it contains Boron (B) with high concentration of 13.70% (w/v), Boron (B) in its content is strengthened with special agents in order to maximize the absorption by the plant and the activity of Boron (B) on the leaf surface. It is a special product that is recommended and used in removing and treating Boron (B) deficiencies due to the high concentration and absorption effect of toroBor.

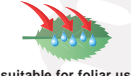
### GUARANTEED CONTENT(w/v)

Water Soluble Boron (B)	13.70	density (d) gr/ml	1.37
pH (22 °C 1/10)	7.0-9.0		

### APPLICATION RECOMMENDATION



suitable for foliar application by drone



suitable for foliar use



suitable for soil use



suitable for multiple mixes



For detailed information  
QR barcode  
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Packaging: 1L x 20, 5L x 4, 10L x 2, 25kg/20L

### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

### Cotton

**Sugar beet, Carrot, Onion, Potato, Garlic**

### Banana

### Strawberry

**Olive, Hazelnut, Pistachio**

### Vineyard

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

### Oil Plants

### Pomegranate

**Cut Flower** (Gerbera, carnation, rose)

### Greenery Group

**Seed Coating (1000 kg seed)**

### Soil Application:

Drip Irrigation 3-3.5 L/ha, Flood irrigation 3-5 L/ha, Sprinkler irrigation 750-1000 cc/ha. It is repeated 3-5 times.

### Effect on the Plant:

\* It is highly efficient in increasing the number of pollen in flowers. \* It accelerates germination, takes part in meristem tissue growth and protein synthesis. \* It provides numerous benefits such as prevention of necrosis and fruit spots on apical buds. \* It is one of the most efficient elements in making plants healthier and more resistant. \* It provides all Boron (B) requirement in the plant by itself. Many nonparasitological symptoms in plants are caused by Boron (B) deficiency. These are symptoms such as suberisation in apple pips, heart rotting in beets, brown rotteness in cauliflower, endocarps brown spots in potatoes, yellowing of end leaves in clover. It is also an efficient product for eliminating these and similar symptoms.

**REMINDER:** : This product can be applied both from soil and leaves. The dose adjusted according to the culture plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

### Foliar Application

: 75-100 cc/da

: 75-150 cc/da

: 100-150 cc/da

: 100-150 cc/da

: 150-200 cc/da

: 100-150 cc/da

: 100-150 cc/da

: 200-250 cc/da

: 100-125 cc/da

: 100-150 cc/da

: 100-150 cc/da

: 100-150 cc/da

: 100-200 cc/da

: 75-125 cc/da

: 200-500 cc

### Usage

2-4

1-3

1-3

2-3

1-3

2-4

3-5

2-3

2-3

2-3

1-3

1-3

2-3

2-3

1

**About Products; paNco;** It is a solid plant nutrient mixture containing 8.0% Nitrogen (N), 32.0% Phosphorus Penta Oxide (P<sub>2</sub>O<sub>5</sub>), 4.5% Zinc (Zn). It is a product that is 100% soluble in water, can be used in any soil, has a feature of receivability in a wide pH range and is effective in rooting and flowering.

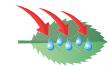
## GUARANTEED CONTENT (%)

Total Nitrogen (N)	8.00	Phosphorus Pentaoxide (P <sub>2</sub> O <sub>5</sub> -Soluble in Water)	32.00
Ammonium	5.50	Zinc (Zn-Water Soluble)	4.50
Urea	2.50	pH (22 °C 1/10)	2.0-4.0

## APPLICATION RECOMMENDATION



suitable for seed coating



suitable for foliar use



suitable for soil use



suitable for multiple mixes



For detailed information  
QR barcode  
Please read



Packaging: 500 Gr x 40, 1 Kg x 20, 2.5 Kg x 8

**VEGETABLES** Tomato, Pepper, Eggplant, Cucumber, Melon, Watermelon, Zucchini, Bean, Strawberry, Lettuce etc.

- 1) 400-500 g / da is applied with sap or with irrigation water right 5-7 days the seedling planting.
- 2) 500 g / da is applied during or after treatment to combat root disease.
- 3) 500 g / da is applied at 7-10 days intervals in cases where the problem is excessive.
- 4) It is applied at a dosage of 75-100 gr / 100 liters in root zone applications in seedbeds.

**FRUIT SAPLINGS** Apple, Cherry, Peach, Pear, Apricot, Pomegranate, Plum, Olive, Kiwi, Citrus, Walnut, Fig, Viticulture, Pistachio etc.

- 1) In newly planted gardens, 5-7 days after planting the seedlings, 500-600 g / da is applied with the sap to the root area.
- 2) 500-600 g / da is applied to irrigation water during the saplings' development period.
- 3) 600 g / da is applied after treatment (if any) to combat root disease.

**BANANA**

- 1) 500 g / da is applied during the repair period.
- 2) 500-600 g / da is applied to irrigation water during the saplings' development period.
- 3) 600 g / da is applied after treatment (if any) to combat root disease.

**ORNAMENTAL PLANTS**

- 1) It is applied at a dosage of 75-100 gr / 100 liters in root zone applications in seedbeds.
- 2) 400-500 g / da is applied with sap or with irrigation water after 5-7 days the seedling planting.

**FIELD CROPS** Cotton, Corn, Sunflower, Potato, Onion, Garlic, Cabbage and its derivatives, Carrot, Radish etc.)

- 1) 500-600 g / da is applied when the soil is prepared or at the planting stage.
- 2) In the sap, it is applied at a dose of 500 g / da from the soil.

3) Seed Application: For better germination of seeds and better coverage with paNco, 500 g is recommended for 1000 kg of seeds.

**NOT:** In order for the paNco to adhere better to the seeds, the seeds should be moistened before planting

## Effect on the Plant:

**paNco** is a specially developed formulation with high Phosphorus and Zinc (Zn) content, recommended as a starting formulation in vegetative production following planting seedlings or saplings to promote rooting and flowering of plants. It stimulates the roots to develop faster thanks to the special molecules in the content. By enabling the root system to develop and spread well, it increases the utilization volume of the plant from the soil. Thus, it enables plants to benefit from nutrients more effectively. It also increases the number of strong flower formation and fruits by contributing positively to fertilization.

**Phosphorus** in the soil is a very active plant nutrient element in the inactive plant structure. The biggest function of phosphorus is that it plays an important role in energy transfer. In its deficiency, growth regresses in the plant, root / stem ratio decreases, regression of growth creates negative pressure on root development. In Zinc (Zn) deficiency, root formation and development in plants weaken, true (fringe) roots, shoot and bud formation, flowering, number of fruits decrease, quality and yield decrease. In advanced Phosphorus deficiency, the leaves turn purple and become bluish.

**Zinc (Zn);** It is located in growth hormones in plants. It promotes root development, increases the resistance of plants and roots to cold and heat, flowering and fruit set. It prevents fruit shedding. It has the effect of increasing germinating power of seeds in seed applications. It increases the number of shoots in fruit trees.

**REMINDER:** Although this product can be applied both from soil and leaf, application from soil is generally recommended. The dose adjusted according to the cultivated plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil; the dose that is adjusted in the required amount is pulverized to the leaves with a sufficient amount of water in foliar applications. Although it can be mixed with other fertilizers and pesticides, make sure to pre-test before mixing. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and in case of contamination, it should be washed with plenty of clean water. Keep the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. It is recommended to use fertilizer by making leaf and / or soil analysis.

**About Products; paNco Plus RT;** It is a solid plant nutrient mixture containing 5.5% Nitrogen (N), 30.0% Phosphorus Penta Oxide (P<sub>2</sub>O<sub>5</sub>), 3.0% Zinc (Zn). It is a product that is 100% soluble in water, can be used in any soil, has a feature of receivability in a wide pH range and is effective in rooting and flowering.

### GUARANTEED CONTENT (%)

Total Nitrogen	5.50	Zinc (Zn) Soluble in Water	3.00
Ammonium Nitrogen	5.50	pH (22 °C 1/10)	3.0-5.0
Phosphorus Pentaoxide (P <sub>2</sub> O <sub>5</sub> ) Soluble in Water	30.00		

### APPLICATION RECOMMENDATION



**VEGETABLES** Tomato, Pepper, Eggplant, Cucumber, Melon, Watermelon, Zucchini, Bean, Strawberry, Lettuce etc.

- 1) 400-500 g / da is applied with sap or with irrigation water right 5-7 days the seedling planting.
- 2) 500 g / da is applied during or after treatment to combat root disease.
- 3) 500 g / da is applied at 7-10 days intervals in cases where the problem is excessive.
- 4) It is applied at a dosage of 75-100 gr / 100 liters in root zone applications in seedbeds.

**FRUIT SAPLINGS** Apple, Cherry, Peach, Pear, Apricot, Pomegranate, Plum, Olive, Kiwi, Citrus, Walnut, Fig, Viticulture, Pistachio etc.

- 1) In newly planted gardens, 5-7 days after planting the seedlings, 500-600 g / da is applied with the sap to the root area.
- 2) 500-600 g / da is applied to irrigation water during the saplings' development period.
- 3) 600 g / da is applied after treatment (if any) to combat root disease.

#### BANANA

- 1) 500 g / da is applied during the repair period.
- 2) 500-600 g / da is applied to irrigation water during the saplings' development period.
- 3) 600 g / da is applied after treatment (if any) to combat root disease.

#### ORNAMENTAL PLANTS

- 1) It is applied at a dosage of 75-100 gr / 100 liters in root zone applications in seedbeds.
- 2) 400-500 g / da is applied with sap or with irrigation water after 5-7 days the seedling planting.

**FIELD CROPS** Cotton, Corn, Sunflower, Potato, Onion, Garlic, Cabbage and it's derivatives, Carrot, Radish etc.)

- 1) 500-600 g / da is applied when the soil is prepared or at the planting stage.
- 2) In the sap, it is applied at a dose of 500 g / da from the soil.
- 3) Seed Application: For better germination of seeds and better coverage with paNco, 500 g is recommended for 1000 kg of seeds.

**NOT:** In order for the paNco to adhere better to the seeds, the seeds should be moistened before planting

### Effect on the Plant:

**paNco RT Plus** is a specially developed formulation with high Phosphorus and Zinc (Zn) content, recommended as a starting formulation in vegetative production following planting seedlings or saplings to promote rooting and flowering of plants. It stimulates the roots to develop faster thanks to the special molecules in the content. By enabling the root system to develop and spread well, it increases the utilization volume of the plant from the soil. Thus, it enables plants to benefit from nutrients more effectively. It also increases the number of strong flower formation and fruits by contributing positively to fertilization.

**Phosphorus** in the soil is a very active plant nutrient element in the inactive plant structure. The biggest function of phosphorus is that it plays an important role in energy transfer. In its deficiency, growth regresses in the plant, root / stem ratio decreases, regression of growth creates negative pressure on root development. In Zinc (Zn) deficiency, root formation and development in plants weaken, true (fringe) roots, shoot and bud formation, flowering, number of fruits decrease, quality and yield decrease. In advanced Phosphorus deficiency, the leaves turn purple and become bluish.

**Zinc (Zn);** It is located in growth hormones in plants. It promotes root development, increases the resistance of plants and roots to cold and heat, flowering and fruit set. It prevents fruit shedding. It has the effect of increasing germinating power of seeds in seed applications. It increases the number of shoots in fruit trees.

**REMINDER** Although this product can be applied both from soil and leaf, application from soil is generally recommended. The dose adjusted according to the cultivated plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil; the dose that is adjusted in the required amount is pulverized to the leaves with a sufficient amount of water. In foliar applications. Although it can be mixed with other fertilizers and pesticides, make sure to pre-test before mixing. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and in case of contamination, it should be washed with plenty of clean water. Keep the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. It is recommended to use fertilizer by making leaf and / or soil analysis.

# P.Zinc

## Liquid NP + Zn Fertilizer Solution Containing Phosphorus (P<sub>2</sub>O<sub>5</sub>), Zinc (Zn) and Nitrogen (N).

**About Products:** P.ZINC, is NP+Zn fertilizer solution in liquid form which disperses in water rapidly and completely, contains 37.50% (w/v) Phosphorus Pentaoxide (P<sub>2</sub>O<sub>5</sub>), 4.50 (w/v) Nitrogen (N-Urea), 7.50% (w/v) Zinc (Zn).

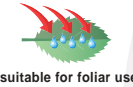
### GUARANTEED CONTENT: (w/v)

Total Nitrogen (N)	4.50	Zinc (Zn) Soluble in Water	7.50
Urea Nitrogen (NH <sub>2</sub> -N)	4.50	Density (d) gr/ml	1.50
Water Soluble Phosphorus Penta Oxide (P <sub>2</sub> O <sub>5</sub> )	37.50	pH (22 °C 1/10)	1.0-3.0

### APPLICATION RECOMMENDATION



suitable for foliar application by drone



suitable for foliar use



suitable for soil use



partially suitable for multi-mix



For detailed information  
QR barcode  
Please read.



### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:** (Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

**Cotton**

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry**

**Olive, Hazelnut, Pistachio**

**Vineyard**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

**Seed Coating (1000 kg seed)**

**Soil Application:**

Drip Irrigation 5-15 L/ha, Flood irrigation 7-15 L/ha, Sprinkler irrigation 3-3.5 L/ha. It is repeated 3-5 times.

### Effect on the Plant

**Fosfor Pentaoksit (P<sub>2</sub>O<sub>5</sub>);** is one of the macro elements which the plant needs the most, and is important for generative growth (rooting, flowering, fruit set) in the plant. In phosphorus pentoxide deficiency, growth in plants regresses, root / stem ratio decreases, which creates negative pressure on root development. Root formation is weak; fringe roots are few. At the edges of the leaves, half-moon-shaped, yellowish sometimes brown spots are formed, but before that, the leaves turn purple. The development in the plant is weak and not homogeneous. Flower and bud formation is weak or very little. The flowers remain small.

**Zinc (Zn);** in its deficiency, dryness on the young shoot and shoots of the plants and decrease in the number of fruit budding and buddings are seen. Zinc; provides increase in flowering, fertilization and fruit set. It increases the resistance of plants against cold.

**P.zinc;** is a solution of Phosphorus and Zinc (Zn) in liquid form, which positively contributes to rooting, bud formation and flowering.

**REMINDER:** The information and suggestion doses in the application table are for general informing purposes, and the suggestion doses to be made according to the leaf analysis in foliar applications and the soil analysis in soil applications should be taken as basis. P.Zinc can be applied both from leaf and soil. Although it can be mixed with other foliar, bottom fertilizers and pesticides, pre-test in wide area applications and / or in case of hesitation. It is not recommended to mix with extremely basic, sulfuric, coppery and oil based products. Foliar application is not recommended on windy, dewy days with frost risk and in rainy weather. Application should be done in the morning or in the evening, nothing should be eaten, drunk and it should not be contacted with the skin during application, in case of contact, wash with plenty of clean water. Keep the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets.

**Note: Our other equivalent product is ZINCOPHOS**

**⚠ It is irritating!**

### Foliar Application

: 150-200 cc/da

: 150-250 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 150-250 cc/da

: 150-200 cc/da

: 150-200 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 150-200 cc/da

: 150-200 cc/da

: 1000 cc

### Usage

2-4

1-3

1-3

2-3

1-3

2-4

3-5

2-3

2-3

2-3

1-3

1-3

2-3

2-3

1

Packaging: 1 L x 20, 5 L x 4, 20 L, 25 Kg

www.makrotarim.com.tr

# ZIPPHOS-N

## Liquid NP + Zn Fertilizer Solution Containing Phosphorus (P<sub>2</sub>O<sub>5</sub>), Zinc (Zn) and Nitrogen (N).

**About Products:** Zipphos-N is liquid NP + Zn fertilizer solution which contains 18,75% (w/v) Phosphorus Pentaoxide (P<sub>2</sub>O<sub>5</sub>), 3,75 (w/v) Nitrogen (N), 3,12% (w/v) Zinc (Zn). It is recommended as a start (beginning) formulation especially following sowing and planting seedling and sapling.

### GUARANTEED CONTENT: (w/v)

Total Nitrogen (N)	3.75	Density (d) gr/ml	1.25
Urea Nitrogen (NH <sub>2</sub> -N)	3.75	EC (dS/m)	0.26
Water Soluble Phosphorus Penta Oxide (P <sub>2</sub> O <sub>5</sub> )	18.75	pH (22 °C 1/10)	2.0-4.0
Water Soluble Zinc (Zn)	3.12		

### APPLICATION RECOMMENDATION



suitable for foliar application by drone



suitable for foliar use



suitable for soil use



partially suitable for multi-mix



For detailed information  
QR barcode  
Please read



Packaging: 1Lx20, 5Lx4, 20L

### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

### Cotton

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry**

**Olive, Hazelnut, Pistachio**

**Vineyard**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

**Seed Coating (1000 kg seed)**

### Soil Application:

Drip irrigation 5-15 L/ha, Flood irrigation 7-15 L/ha, Sprinkler irrigation 3-3.5 L/ha. It is repeated 3-5 times.

### Effect on the Plant:

**Phosphorus Pentaoxide** is one of the macro elements which the plant needs the most, and is important for generative growth (rooting, flowering, fruit set) in the plant. In phosphorus pentaoxide deficiency, growth in plants regresses, root / stem ratio decreases, which creates negative pressure on root development. Root formation is weak; fringe roots are few. At the edges of the leaves, half-moon-shaped, yellowish sometimes brown spots are formed, but before that, the leaves turn purple. The development in the plant is weak and not homogeneous. Flower and bud formation is weak or very little. The flowers remain small.

**Zinc (Zn);** in its deficiency, dryness on the young shoot and shoots of the plants and decrease in the number of fruit budding and buddings are seen. Zinc; provides increase in flowering, fertilization and fruit set. It increases the resistance of plants against cold. P.zinc; is a solution of Phosphorus and Zinc (Zn) in liquid form, which positively contributes to rooting, bud formation and flowering.

**REMINDER** The information and suggestion doses in the application table are for general informing purposes, and the suggestion doses to be made according to the leaf analysis in foliar applications and the soil analysis in soil applications should be taken as basis. P.Zinc can be applied both from leaf and soil. Although it can be mixed with other foliar, bottom fertilizers and pesticides, pre-test in wide area applications and / or in case of hesitation. It is not recommended to mix with extremely basic, sulfuric, copper and oil based products. Foliar application is not recommended on windy, dewy days with frost risk and in rainy weather. Application should be done in the morning or in the evening, nothing should be eaten, drunk and it should not be contacted with the skin during application, in case of contact, wash with plenty of clean water. Keep the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets.

### Foliar Application

: 150-200 cc/da

: 150-250 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 150-200 cc/da

: 150-200 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 150-200 cc/da

: 150-200 cc/da

: 1000 cc

### Usage

2-4

1-3

1-3

2-3

1-3

2-4

3-5

2-3

2-3

2-3

1-3

1-3

2-3

2-3

1



**we question  
our quality.**

**About Products: redPower K;** It is a "very special Potassium solution" with an acid character (pH 6 <) containing 30.0% (w/v) Potassium Oxide (K<sub>2</sub>O), polymerized with glycolic and glyoxylic acids. It is recommended and used on homogeneous color formation both in fruits and vegetables.

### GUARANTEED CONTENT: (w/v)

Water Soluble Potassium Oxide (K <sub>2</sub> O)	30.00	Density (d) gr/ml	1.50
pH (22 °C 1/10)	5.0-7.0		

### APPLICATION RECOMMENDATION



suitable for foliar application by drone



suitable for foliar use



suitable for soil use



partially suitable for multi-mix



For detailed information  
QR barcode  
Please read



Packaging: 1L x 20, 5L x 4

#### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

#### Cotton

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry**

**Olive, Hazelnut, Pistachio**

**Vineyard**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

#### Soil Application:

Drip Irrigation 2.5-3 L/ha, Flood irrigation 3-5 L/ha, Sprinkler irrigation 1.5-2.5 L/ha. It is repeated 3-5 times.

#### Foliar Application

: 100-150 cc/da

: 150-200 cc/da

: 100-200 cc/da

: 150-200 cc/da

: 150-200 cc/da

: 100-150 cc/da

: 100-150 cc/da

: 150-250 cc/da

: 150-200 cc/da

: 100-150 cc/da

: 150-200 cc/da

: 150-200 cc/da

: 100-125 cc/da

: 75-125 cc/da

#### Usage

2-4

1-3

1-3

2-3

1-3

2-4

3-5

2-3

2-3

2-3

1-3

1-3

2-3

2-3

### Effect on the Plant:

\* It is a very special Potassium solution polymerized with glycolic and glyoxylic acids. These acids are converted into oxalic acid in plants thanks to enzymes. These enzymes are products that allow plants to benefit more from Potassium. Potassium element is active even in multiple mixtures owing to the polycarboxylic acids in the content. \* It ensures that the inner parts of the fruits that begin to ripen are filled and the color of the fruit skin is perfect. \* While providing color cycle, it continues coarsening actively. \* It delays the softening and weakening in the fruit. It extends transportation and shelf life. \* It increases the aroma of fruits. \* It enables plants to benefit from Magnesium and Iron. \* It provides excellent effect even in high pH, lime, excessive moisture, unsuitable soil structure.

**HATIRLATMA:** The information and suggestion doses in the application table are for general informing purposes, and the suggestion doses to be made according to the leaf analysis in foliar applications and the soil analysis in soil applications should be taken as basis. Red power K can be applied both from leaf and soil. Although it can be mixed with other foliar, bottom fertilizers and pesticides, pre-test in wide area applications and / or in case of hesitation. It is not recommended to mix with extremely basic, sulfuric, coppery and oil based products. Foliar application is not recommended on windy, dewy days with frost risk and in rainy weather. Application should be done in the morning or in the evening, nothing should be eaten, drunk and it should not be contacted with the skin during application, in case of contact, wash with plenty of clean water.) Away from children and pets.

**About Products: Color K Forte;** It is the best quality product in its class that can be easily taken by the plant and contains a high amount of Potassium Oxide (K<sub>2</sub>O) (42.0% w/v), is chelated with EDTA agent to increase the uptake of potassium. Owing to its excellent formula, it can be easily taken by the plant.

### GUARANTEED CONTENT (w/v)

Water Soluble Potassium Oxide (K <sub>2</sub> O)	42.00	Density (d) gr/ml	1.40>
Total Nitrogen(N)	4.20	pH (22 °C 1/10)	11.0-12.0
Urea Nitrogen(NH <sub>2</sub> -N)	4.20		

### APPLICATION RECOMMENDATION



suitable for foliar application by drone



suitable for foliar use



suitable for soil use



partially suitable for multi-mix



For detailed information  
QR barcode  
Please read.



Packaging: 1L x 20, 5L x 4, 25Kg/20L

### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

**Cotton**

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry**

**Olive, Hazelnut, Pistachio**

**Vineyard**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower (Gerbera, carnation, rose)**

**Greenery Group**

### Soil Application:

Drip irrigation 3-4 L/ha, Flood irrigation 4-6 L/ha, Sprinkler irrigation 2.5-3.5 L/ha. It is repeated 3-5 times.

### Effect on the Plant:

\* It is the best quality product in its class with its high potassium content. \*It's a great product whose uptake is easy and fast, combined with Potassium, Amino Acid and EDTA chelate in the content. \*Increasing of the inner fullness of the fruits enables larger and higher quality fruit formation. \* As it will tighten the tissues in plants, it increases the resistance of the plant to disease, stress conditions, cold and heat. \* It prevents shapeless growth and provides highly appealing fruit development. \* It extends the transportation resistance and shelf life of fruits. \* It reduces pallor by balancing salt and water in plant cells. It increases the resistance of the plant against cold and heat. \* Excellent effect even in high pH, lime, excessive moisture, unsuitable soil structure.

**REMINDER:** The information and suggestion doses in the application table are for general informing purposes, and the suggestion doses to be made according to the leaf analysis in foliar applications and the soil analysis in soil applications should be taken as basis. Color K Forte can be applied both from leaf and soil. Although it can be mixed with other foliar, bottom fertilizers and pesticides, pre-test in wide area applications and / or in case of hesitation. It is not recommended to mix with extremely basic, sulfuric, coppery and oil based products. Foliar application is not recommended on windy, dewy days with frost risk and in rainy weather. Application should be done in the morning or in the evening, nothing should be eaten, drunk and it should not be contacted with the skin during application, in case of contact, wash with plenty of clean water. Keep the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets.

### Foliar Application

: 100-200 cc/da

: 200-300 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 150-250 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 150-250 cc/da

: 100-150 cc/da

### Usage

2-4

2-3

1-3

2-3

1-3

2-3

3-5

2-3

2-3

2-3

1-3

1-3

2-3

2-3

**About Products; derKous Finale;** It is a blended NPK + B + Zn fertilizer containing 3.0% Nitrogen (N), 15.0% Phosphorus Pentaoxide(P<sub>2</sub>O<sub>5</sub>), 45.0% Potassium Oxide(K<sub>2</sub>O), 0.10% Boron (B) and 0.10% Zinc (Zn). They are fast and long-term efficient products which are 100 % water soluble, can be used in all kinds of soils, has the quality of receivability in a wide pH range (3-11).

**GUARANTEED CONTENT (%)**

Total Nitrogen(N)	3.00	Water Soluble Boron(B)	0.10
Urea Nitrogen(NH <sub>2</sub> -N)	3.00	Water Soluble Zinc(Zn)	0.10
Water Soluble Phosphorus Penta Oxide (P <sub>2</sub> O <sub>5</sub> )	15.00	pH (22 °C 1/10)	2.5-4.5
Water Soluble Potassium Oxide (K <sub>2</sub> O)	45.00	EC (dS/m)	97.50

**APPLICATION RECOMMENDATION**



suitable for foliar use



suitable for soil use



suitable for multiple mixes



For detailed information  
QR barcode  
Please read.



**Packaging:** 1 Kg x 20, 2 Kg x 8, 10 Kg x 2

**Greenhouse and Open Field Vegetables**

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea,

Soy, Tobacco, Lentil, Corn etc.)

**Cotton**

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry**

**Olive, Hazelnut, Pistachio**

**Vineyard**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

**Soil Application:**

Drip Irrigation 20-40 kg/ha, Flood irrigation 30-50 kg/ha, Sprinkler irrigation 1.5-2.5 kg/ha. It is repeated 3-5 times.

**Effect on the Plant:**

\* It is an excellent product recommended in plant production, especially at the beginning of fruit formation. \* In addition to increasing the size, color and aroma of the fruits, it provides tight texture formation due to high Potassium content. It increases the resistance of plants in case of disease and stress conditions. It decreases pallor by reducing salt and water in plant cells, and a decrease is ensured in fruit shedding as it will make the fruit stems resistant. \*Grain size in corn and cereals help increase the amount of protein and gluten.

\*It's also a specific and sought product in cotton production from the industrial plants, especially in the increase of fiber quality and quantity after flowering. \* It is recommended to increase the sugar content in sugar beet. \* Excellent effect even in high pH, lime, excessive moisture, unsuitable soil structure.

**REMINDER:** The information and suggestion doses in the application table are for general informing purposes, and the suggestion doses to be made according to the leaf analysis in foliar applications and the soil analysis in soil applications should be taken as basis. derKous Finale; can be applied both from leaf and soil. Although it can be mixed with other foliar, bottom fertilizers and pesticides, pre-test in wide area applications and / or in case of hesitation. It is not recommended to mix with extremely basic, sulfuric, coppery and oil based products. Foliar application is not recommended on windy, dewy days with frost risk and in rainy weather. Application should be done in the morning or in the evening, nothing should be eaten, drunk and it should not be contacted with the skin during application, in case of contact, wash with plenty of clean water. Keep the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets.

**Foliar Application**

: 150-200 gr/da

: 200-250 gr/da

: 150-200 gr/da

: 150-250 gr/da

: 150-200 gr/da

: 150-200 gr/da

: 200-250 gr/da

: 200-250 gr/da

: 200-250 gr/da

: 200-250 gr/da

: 150-200 gr/da

: 200-250 gr/da

: 150-200 gr/da

: 100-150 gr/da

**Usage**

3-5

2-3

1-3

1-2

1-3

2-4

3-5

3-5

3-5

2-3

2-3

1-3

2-3

2-3

**About Products:** AllinCa'L 145, is a Calcium Solution containing 19.5% (w/v) Calcium Oxide (CaO), 17.6% (w/v) Special carrier molecules. 100% Resolution 100% Mixture 100% Effect.

### GUARANTEED CONTENT (w/v)

Water Soluble Calcium Oxide(CaO)	20.70	pH (22 °C 1/10)	6.0-8.0
Density (d) gr/ml	1.38		

### APPLICATION RECOMMENDATION



Packaging: 1Lx20, 5Lx4, 20L

### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

**Cotton**

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry**

**Olive, Hazelnut, Pistachio**

**Vineyard**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower (Gerbera, carnation, rose)**

**Greenery Group**

### Soil Application:

Drip Irrigation 5-7 L/ha, Flood irrigation 6-8 L/ha, Sprinkler irrigation 0.5-1.5 L/ha. It is repeated 3-5 times.

### Foliar Application

### Usage

: 100-200 cc/da	2-4
: 100-150 cc/da	3-5
: 150-200 cc/da	2-4
: 150-200 cc/da	1-3
: 150-200 cc/da	2-3
: 100-150 cc/da	2-4
: 100-125 cc/da	3-5
: 125-200 cc/da	2-4
: 100-200 cc/da	2-4
: 100-150 cc/da	1-3
: 150-200 cc/da	1-3
: 125-200 cc/da	2-3
: 50-100 cc/da	2-3
: 100-125 cc/da	2-3

### Effect on the Plant:

\* It can be used in every period of plant development (before flowering, after flowering, fruit setting and fruit growth). Calcium, which is immobile (unmovable), provides very fast transportation from both leaf and soil to plants thanks to its special chelators (MT4224). \* It can be mixed with many pesticides and fertilizers used in agricultural production. \* It helps to eliminate calcium deficiency by application or applications to be done in cases where calcium is insufficient in plants and fruits. It can be used effectively against bottom rot in tomatoes and bitter pits problems in apples. \* AllinCa'L 145 is a specific fertilizer solution that is necessary for the intake of other nutrients, the precipitation of toxic substances in the plant and the soil, acts as a regulator and is necessary on the health of the plant, especially at growth and development points. \* Owing to its special and different formulation, it is the only product that you can safely use in agricultural production and get quick results. \* Excellent effect even in high pH, lime, excessive moisture, unsuitable soil structure. Calcium, which has a very special function in vegetative production, causes inter-tissue density in plants. It helps to increase the resistance of plants to diseases, stress conditions, heat and cold. It reduces paleness by balancing salt and water in plant cells. As it will make the fruit stems resistant, it decreases fruit shedding and extends the transportation and shelf life of the fruit. It also contributes to the growth of cell walls and roots.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the culture plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

**About Products; makro calcium;** It is a Calcium Nitrate Solution in liquid form which contains 11.2% (w/v) Nitrate Nitrogen, 19.6% (w/v) Calcium Oxide(CaO), can be applied both from leaf and soil. It is recommended and used for removing Calcium deficiencies in plants where it is applied, preventing shape defects in fruits as well as increasing transportation and shelf life.

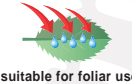
### GUARANTEED CONTENT (w/v)

Water Soluble Calcium Oxide (CaO)	19.6	Density (d) gr/ml	1.40
Total Nitrogen (N)	11.2	pH (22 °C 1/10)	6.5-8.5
Nitrate Nitrogen (NO <sub>3</sub> -N)	11.2		

### APPLICATION RECOMMENDATION



suitable for foliar application by drone



suitable for foliar use



suitable for soil use



suitable for multiple mixes



For detailed information  
QR barcode  
Please read



Packaging: 1L x 20, 5L x 4, 25Kg/20L

#### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

#### Cotton

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry**

**Olive, Hazelnut, Pistachio**

**Vineyard**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower (Gerbera, carnation, rose)**

**Greenery Group**

#### Soil Application:

Drip Irrigation 10-15 L/ha, Flood irrigation 15-20 L/ha, Sprinkler irrigation 3-5 L/ha. It is repeated 3-5 times.

#### Foliar Application

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

#### Usage

2-4

2-3

1-3

2-3

1-3

2-3

3-5

2-3

2-3

2-3

1-3

1-3

2-3

2-3

#### Effect on the Plant:

\*It helps prevent fruit cracking and deformity.

\*It increases the resistance of the plant to cold-hot stress by gaining durability.

\* It increases the quality, quantity and market value of the fruit.

\*It increases storage, transportation and shelf life of sensitive fruits.

\* It prevents fruit loss and enables homogeneous color formation by strengthening the tissues of the plants.

\* It is effective in removing physiological calcium deficiencies (blossom-end rot in tomato and pepper, bitter pits in apple, etc.).

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the culture plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

**About Products; Calidoor;** It is a liquid, Calcium solution, which is completely and rapidly dispersed in water, containing 17.8% Calcium Oxide (CaO) and 0.24% Boron (B). It helps to eliminate Calcium deficiency by application or applications to be done in cases where this element is insufficient in plants and fruits.

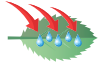
### GUARANTEED CONTENT (w/v)

Water Soluble Calcium Oxide (CaO)	17.85	pH (22 °C 1/10)	4.5-6.5
Water Soluble Boron (B)	0.24	Density (d) gr/ml	1.19

### APPLICATION RECOMMENDATION



suitable for foliar application by drone



suitable for foliar use



suitable for soil use



suitable for multiple mixes



For detailed information  
QR barcode  
Please read.



#### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

#### Cotton

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry**

**Olive, Hazelnut, Pistachio**

**Vineyard**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

#### Soil Application:

Drip Irrigation 10-20 L/ha, Flood irrigation 15-30 L/ha, Sprinkler irrigation 3-5 L/ha. It is repeated 3-5 times.

#### Foliar Application

: 200-250 cc/da

: 200-300 cc/da

: 250-350 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 250-350 cc/da

: 200-250 cc/da

: 200-250 cc/da

#### Usage

2-4

2-3

1-3

2-3

1-3

2-3

3-5

2-3

2-3

2-3

1-3

1-3

2-3

2-3

#### Effect on the Plant:

- \* It helps prevent fruit cracking and deformity.
- \* Increases the resistance of the plant to cold-hot stress by gaining durability of the tissues.
- \* It increases the quality, quantity and market value of the fruit.
- \* It increases storage, transportation and shelf life of sensitive fruits.
- \* It prevents fruit loss and enables homogeneous color formation by strengthening the tissues of the plants.
- \* It is effective in removing physiological calcium deficiencies.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the culture plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

# NitFosCal-B

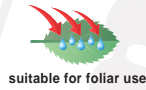
## Very Special Phosphorus-Calcium-Potassium-Zinc and Boron SUSPENSION.

**About Products; NitFosCal-B;** It is a suspended formulation containing 5.25% Nitrogen (N), 9.00% Phosphorus Pentoxide (P<sub>2</sub>O<sub>5</sub>), 15.75% Potassium Oxide (K<sub>2</sub>O), 21.75% Calcium Oxide (CaO), 0.60% Boron (B) and 0.50% Zinc (Zn).

### GUARANTEED CONTENT (w/v)

Total Nitrogen (N-Nitrate)	5.25	Water Soluble Boron (B)	0.60
Water Soluble Phosphorus Penta Oxide (P2O5)	9.00	Water Soluble Zinc (Zn)	0.50
Water Soluble Potassium Oxide (K <sub>2</sub> O)	15.75	pH (22 °C 1/10)	1.0-3.0
Water Soluble Calcium Oxide (CaO)	21.75	Density (d) gr/ml	1.50

### APPLICATION RECOMMENDATION



suitable for foliar use



suitable for soil use



partially suitable for multi-mix



For detailed information  
QR barcode  
Please read.



Packaging: 1L x 20, 10Kg x 2, 18Kg, 20Kg

#### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

#### Cotton

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry**

**Olive, Hazelnut, Pistachio**

**Vineyard**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

#### Soil Application:

Drip irrigation 8-10 kg/ha, Flood irrigation 10-15 kg/ha, Sprinkler irrigation 3-5 kg/ha. It is repeated 3-5 times.

### Effect on the Plant:

While Phosphorus and Boron increase flowering and fruit set in the plant, it contributes very positively to rooting in soil applications. Thanks to Calcium and Potassium in the content, it ensures the formation of high quality, bright, plump, appealing and long shelf- life fruits by enabling tightening between plant tissues. Tight tissue formation in both fruits and plants helps plants and fruits to be resistant and durable to diseases. Owing to its special carrier molecules in the content, it contributes positively to very good uptake of minerals even in cold soil conditions. It is also very effective in extending the harvest period by bringing synergy to tired plants.

**REMINDER:** The information and suggestion doses in the application table are for general informing purposes. Suggestion doses to be made according to the leaf analysis in leaf applications and soil analysis in soil applications should be taken as basis. Although this product may be partially mixed with other foliar, ground fertilizers and pesticides, pre-test in wide area applications and / or in case of hesitation. Application on windy, dewy, frost days and in rainy weather is not recommended. The application should be done in the morning or in the evening, nothing should be eaten, drunk, protective equipment should be used during the application and this product should not be contacted with the skin. In case of contact, wash with plenty of clean water. Keep the product in a sheltered place (at a temperature of 5-35 C) away from children and pets.

**Avoid breathing the gas released while opening the package, it is recommended to use a mask during application. Shake before use.**

### Foliar Application

: 150-200 gr/da

: 250-300 gr/da

: 200-250 gr/da

: 200-250 gr/da

: 200-300 gr/da

: 200-250 gr/da

: 200-250 gr/da

: 200-250 gr/da

: 150-200 gr/da

: 150-200 gr/da

: 200-250 gr/da

: 150-200 gr/da

: 150-200 gr/da

: 150-200 gr/da

### Usage

4-6

2-3

1-3

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1-3

3-5

3-5

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2-3

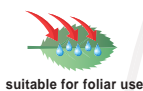
2-4

**About Products; calpoN;** It is a, blended NK + CaO + MgO fertilizer in solid form strengthened with special carriers containing 3.00% Nitrogen (NH<sub>2</sub>-N), 18.00% Potassium Oxide (K<sub>2</sub>O), 12.00% Calcium Oxide (CaO) and 2.00% Magnesium Oxide (MgO). Content combined with 15% lignosulfonic acids

### GUARANTEED CONTENT (%)

Water Soluble Potassium Oxide (K <sub>2</sub> O)	18.00	Total Nitrogen(NH <sub>2</sub> -N)	3.00
Water Soluble Calcium Oxide (CaO)	12.00	pH (22 °C 1/10)	6-8
Water Soluble Manganese Oxide(MgO)	2.00		

### APPLICATION RECOMMENDATION



suitable for foliar use



suitable for soil use



partially suitable for multi-mix



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Packaging: 1 kg x 20, 5 kg x 4, 10 kg x 3

#### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

**Cotton**

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry**

**Olive, Hazelnut, Pistachio**

**Vineyard**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

#### Soil Application:

Drip irrigation 5-6 kg/ha, Flood irrigation 8-10 kg/ha, Sprinkler irrigation 3-4 kg/ha. It is repeated 3-5 times.

#### Foliar Application

: 250-300 gr/da

: 250-300 gr/da

: 250-300 gr/da

: 250-300 gr/da

: 250-300 gr/da

: 250-300 gr/da

: 250-300 gr/da

: 250-300 gr/da

: 250-300 gr/da

: 250-300 gr/da

: 250-300 gr/da

: 250-300 gr/da

: 250-300 gr/da

: 200-250 gr/da

#### Usage

4-6

2-3

1-3

2-3

1-3

3-5

3-5

2-3

2-4

2-4

2-3

1-3

2-3

2-4

### Effect on the Plant:

\*Penetration of both nutrients, high Potassium and Calcium in the formulation to the plant is maximized by using special carriers. \* Due to potassium, the spaces between the tissues in the plant are reduced, the coarsening, color and aroma of the fruit increase. \* Since the cell wall will strengthen due to calcium, cracking in the fruits decreases. The shelf life of the fruit is extended, the rotting in storage is minimized, the fruits become more lively and brighter.

\* calpoN tolerates plants against negative environmental conditions.

\* Excellent effect even in high pH, lime, excessive moisture, unsuitable soil structure.

**REMINDER:** The information and suggestion doses in the application table are for general informing purposes. Suggestion doses to be made according to the leaf analysis in leaf applications and soil analysis in soil applications should be taken as basis. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

**About Products; Drag:** It is a liquid calcium phosphite solution containing 14.30 (%w/v) Calcium Oxide(CaO) and 16.90 (%w/v) Phosphorus Penta Oxide (Phosphite). It provides the advantages of both phosphite and calcium in the plants it is applied to.

### GUARANTEED CONTENT (w/v)

Water Soluble Phosphorus Penta Oxide (P2O5)	16.90	pH (22 °C 1/10)	1.20
Water Soluble Calcium Oxide (CaO)	14.30	Density (d) gr/ml	1.30

### APPLICATION RECOMMENDATION



**In all vegetables and fruits;** 1-2 lt/da without dripping

**In foliar applications;** It is recommended at a dosage of 150-250 cc/100 lt of water (or per decare).

### Effect on the Plant:

**drag** is very effective on the protection of plants and resistance to diseases, thanks to the Phosphite-derived Phosphorus(P) and Calcium(Ca) originating from phosphite it contains. Phosphorus and Calcium have a positive effect on the flowering and rooting of plants to which it is applied. The use of these two elements together has a synergistic effect, especially on tightening the tissues and flowering. Thanks to its tightening of tissues, the resistance of plants to diseases, drought, frost and stress conditions increases. Thanks to the product's special process, the two plant nutrients contained in the product do not work antagonistically. It provides more vibrant and homogeneous fruit formation. With its Phosphite-derived Phosphorus (P) content, it is also recommended and used to repress diseases such as fungal diseases (Phytophthora, Pythium, Erysiphe betae, Fusarium spp) that occur or may occur on roots, stems and leaves. It is a special product designed and developed as a complete defense tool of the plant against both physical and biological damage.

**REMINDER:** Although soil application is generally recommended, it assists in reducing the pH of spray water and agricultural chemicals and fertilizers applied foliarly. It is an irritant product, and the use of protective gloves is recommended. The use of metal containers during application is not recommended. It contributes positively to the uptake of plant nutrients by activating the nutrients bound by different colloids in the soil. It is effective in lowering soil pH and salinity. It especially helps in opening clogged nozzles caused by Calcium. Although it can be mixed with other fertilizers and chemicals, always conduct a preliminary test before mixing.



**About Products; Azodoor;** It is a nitrogenous fertilizer solution containing 17.6% Urea Nitrogen, which is completely (100%) and rapidly dispersed in water. It can be applied both from leaf and soil with all irrigation systems.

**About Products; RAPID N32;** Urea-Ammonium-Nitrate fertilizer solution containing 42.24% Nitrogen (Urea: 21.12% + Ammonium: 10.56% + Nitrate: 10.56%).

### GUARANTEED CONTENT (w/v) (AZODOOR)

Total Nitrogen (N)	17.6	pH (22 °C 1/10)	6.5-8.5
Urea Nitrogen(NH <sub>2</sub> -N)	17.6	Density (d) gr/ml	1.10
Biurea	1.6		

### GUARANTEED CONTENT (w/v) (RAPID N32)

Total Nitrogen (N)	42,24	Total Micro Elements	0,72
Ammonium Nitrogen(NH <sub>4</sub> -N)	10,56	pH (22 °C 1/10)	6,5-7,5
Nitrate Nitrogen(NO <sub>3</sub> -N)	10,56	EC	96 mS
Urea Nitrogen(NH <sub>2</sub> -N)	21.12	Density (d)	1,32 gr/L

### APPLICATION RECOMMENDATION



suitable for soil use



suitable for foliar application by drone



suitable for multiple mixes



suitable for foliar use



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#### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Bean, Soy, Tobacco, Lentil, Corn etc.)

#### Cotton

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry, Melon, Watermelon**

**Olive, Hazelnut, Pistachio**

**Vineyard, Kiwi, Avocado**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

#### Soil Application:

Drip Irrigation 5-15 L/ha, Flood irrigation 7-15 L/ha, Sprinkler irrigation 3-3.5 L/ha. It is repeated 3-5 times.

#### Effect on the Plant:

\* It provides rapid development and growth in the plant. \* It is quickly absorbed by the roots and transported to the plant. \* Thanks to the Amino Acid it contains, it is an excellent product with the highest level of receivability. \* It is efficient for vegetative components to become more qualified and more vivid. \* It is highly effective in fruit growth. \* It provides long-term permanence in the soil.

**REMINDER:** The information and suggestion doses in the application table are for general informing purposes. Suggestion doses to be made according to the leaf analysis in leaf applications and soil analysis in soil applications should be taken as basis. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

#### Foliar Application

: 200-250 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 200-300 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 250-300 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 200-250 cc/da

#### Usage

2-4

3-4

2-3

2-3

3-4

2-3

3-4

3-4

3-4

2-3

2-3

3-4

3-4

**About Products; magic Flower;** is a new blended NP + ME fertilizer which is in Micro Granule structure, 100% water soluble, with an acid character (pH 2.75), reinforced with very special molecules containing 15.0% Phosphorus Pentaoxide (P<sub>2</sub>O<sub>5</sub>), 3.0% Boron (B) 8.0% Zinc (Zn) and 0.5% Molybdenum (Mo) in order to increase maximum flowering, rooting and fruit set especially following planting seedlings / saplings.

### GUARANTEED CONTENT (%)

Total Nitrogen (N)	3.00	Water Soluble Molybdeum(Mo)	0.50
Ammonium Nitrogen(NH <sub>4</sub> -N)	3.00	Water Soluble Zinc(Zn)	8.00
Water Soluble Phosphorus Penta Oxide(P <sub>2</sub> O <sub>5</sub> )	15.00	pH (22 °C 1/10)	2-3
Water Soluble Boron(B)	3.00	EC (dS/m)	27

### APPLICATION RECOMMENDATION



suitable for foliar use



suitable for soil use



suitable for multiple mixes



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Packaging: 1 kg x 20, 5 kg x 4, 10 kg x 3

### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants;**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Bean, Soy, Tobacco, Lentil, Corn etc.)

### Cotton

**Sugar beet, Carrot, Onion, Potato, Garlic**

### Banana

**Strawberry, Melon, Watermelon**

**Olive, Hazelnut, Pistachio**

**Vineyard, Kiwi, Avacado**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

### Oil Plants

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

### Soil Application:

Drip Irrigation 10-15 kg/ha, Flood irrigation 15-20 kg/ha, Sprinkler irrigation 2-3 kg/ha. It is repeated 3-5 times.

### Foliar Application

: 100-150 gr/da

: 100-150 gr/da

: 150-200 gr/da

: 100-150 gr/da

: 125-175 gr/da

: 100-150 gr/da

: 100-150 gr/da

: 100-150 gr/da

: 100-150 gr/da

: 125-175 gr/da

: 125-150 gr/da

: 80-125 gr/da

: 100-125 gr/da

### Usage

3-5

1-3

2-4

2-3

2-3

1-2

2-4

1-3

1-3

2-3

2-3

1-3

2-3

1-3

### Effect on the Plant:

- \* It is extremely effective in healthy and homogeneous flowering in plants.
- \* It helps the pollen vitality of flowers to be at the highest level.
- \* There is a feature of making bifurcate truss in the flowers with truss structure.
- \* It provides excellent effect on rooting as well as flowering effect in soil application.
- \* It increases fringe root formation by stimulating the growth points of the roots, and increases the utilization volume of the roots from the soil.
- \* It's suitable for the use both from leaf and soil.
- \* Excellent effect even in high pH, lime, excessive moisture, unsuitable soil structure.

**REMINDER:** The information and suggestion doses in the application table are for general informing purposes. Suggestion doses to be made according to the leaf analysis in leaf applications and soil analysis in soil applications should be taken as basis. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

**About Products:** BoMoly'M, is a fertilizer suspension containing 11.0% Boron(B), 2.85% Molybdenum(Mo), gel (Suspended) Boron(B) and Molybdenum(Mo) reinforced with special carriers for the maximum and more active absorption of Boron(B) and Molybdenum(Mo) in the content by the plant.

### GUARANTEED CONTENT (w/v)

Water Soluble Boron(B)	11,00	pH (22 °C 1/10)	8,0-10,0
Water Soluble Molybdenum(Mo)	2,85	Density(d)	1,36 gr/ml

### APPLICATION RECOMMENDATION



suitable for foliar application by drone



suitable for foliar use



suitable for soil use



partially suitable for multi-mix



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Packaging: 1L x 20, 5L x 4

	Foliar Application	Usage
<b>Greenhouse and Open Field Vegetables</b>	: 150-250 cc/da	2-4
<b>Fruit Trees</b> (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)	: 200-300 cc/da	1-3
<b>Farm plants:</b> (Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Bean, Soy, Tobacco, Lentil, Corn etc.)	: 150-200 cc/da	1-3
<b>Cotton</b>	: 100-150 cc/da	1-2
<b>Sugar beet, Carrot, Onion, Potato, Garlic</b>	: 150-200 cc/da	1-3
<b>Banana</b>	: 150-250 cc/da	1-2
<b>Strawberry, Melon, Watermelon</b>	: 100-200 cc/da	2-3
<b>Olive, Hazelnut, Pistachio</b>	: 200-250 cc/da	1-2
<b>Vineyard, Kiwi, Avacado</b>	: 150-250 cc/da	1-2
<b>Citrus</b> (Lemon, Tangerine, Orange, Grapefruit etc.)	: 150-250 cc/da	1-3
<b>Oil Plants</b>	: 150-250 cc/da	1-3
<b>Pomegranate</b>	: 150-200 cc/da	1-2
<b>Cut Flower</b> (Gerbera, carnation, rose)	: 100-150 cc/da	1-2
<b>Greenery Group</b>	: 75-125 gr/da	1-2

### Soil Application:

Drip irrigation 3-4 lt/ha, Flood irrigation 4-5 lt/ha, Sprinkler irrigation 2-3 lt/ha. It is repeated 3-5 times.

### Effect on the Plant

\* It is a quality and special formulation with its Gel (Suspended) structure containing high Boron and Molybdenum. \* It is highly efficient in the formation of strong and healthy flowers and pollen. \* It makes flowers and pollen more lively and resistant to hot-cold. \* It stimulates the early start of the pollen and improves its quality. Thus, it ensures a higher amount of high quality pollen formation. \* It gives excellent results from soil as well as leaves. \* Excellent effect even in high pH, lime, excessive moisture, unsuitable soil structure.

**REMINDER:** The information and suggestion doses in the application table are for general informing purposes. Suggestion doses to be made according to the leaf analysis in leaf applications and soil analysis in soil applications should be taken as basis. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 ° C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

**Note:** This product is not a product registered by the Republic of Turkey Ministry of Agriculture and Forestry Regulation It is sold abroad.

**About Products: Whopping;** It is a mixture of NK + Micro elements containing 4.0% Nitrogen (N), 15.0% Potassium Oxide (K<sub>2</sub>O), 1.5% Boron (B), 0.5% Copper (Cu), 5.0% Iron (Fe), 5.0% Manganese (Mn), 0.02% Molybdenum (Mo) and 2.0% Zinc (Zn).

### GUARANTEED CONTENT (%)

Total Nitrogen (N)	4.00	Water Soluble Manganese(Mn)	5.00
Nitrate Nitrogen (NO <sub>3</sub> -N)	4.00	Water Soluble Molybdenum(Mo)	0.02
Water Soluble Potassium Oxide (K <sub>2</sub> O)	15.00	Water Soluble Zinc(Zn)	2.00
Water Soluble Copper(Cu)	0.50	pH (22 °C 1/10)	2.5-4.5
Water Soluble Iron(Fe)	5.00		

### APPLICATION RECOMMENDATION



suitable for foliar use



suitable for soil use



suitable for multiple mixes



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Packaging: 1 kg x 20, 2,5 kg x 8, 5 kg x 4, 10kg x 2

#### Greenhouse and Open Field Vegetables

: 50-75 gr/da 2-3

#### Fruit Trees (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

: 80-100 gr/da 2-3

#### Farm plants:(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Bean, Soy, Tobacco, Lentil, Corn etc.)

: 80-100 gr/da 2-3

#### Cotton

: 80-100 gr/da 2-3

#### Sugar beet, Carrot, Onion, Potato, Garlic

: 100-125 gr/da 2-3

#### Banana

: 80-100 gr/da 2-4

#### Strawberry, Melon, Watermelon

: 50-75 gr/da 2-3

#### Olive, Hazelnut, Pistachio

: 80-100 gr/da 2-4

#### Vineyard, Kiwi, Avacado

: 80-100 gr/da 2-4

#### Citrus (Lemon, Tangerine, Orange, Grapefruit etc.)

: 80-100 gr/da 2-3

#### Oil Plants

: 80-100 gr/da 2-3

#### Pomegranate

: 80-100 gr/da 1-2

#### Cut Flower (Gerbera, carnation, rose)

: 50-75 gr/da 1-3

#### Greenery Group

: 50-75 gr/da 1-2

#### Soil Application:

Drip irrigation 15-25 kg/ha, Flood irrigation 20-30 kg/ha, Sprinkler irrigation 0.8-1.5 kg/ha. It is repeated 2-4 times.

### Effect on the Plant:

\* Thanks to its rich content, it allows an increase in the sugar rate of tuber plants, coarsening and enhancing of the color and aroma in the fruits. \* It is also effective in fiber quality in cotton, one of the industrial plants. \* It helps to increase the rates in plants (corn and cereals etc.) in which protein and gluten rates are required high. \* It provides fast effect in a short time. It allows to obtain high efficiency with low costs. \* It is an efficient product that is 100% water soluble and can be used in any kinds of soil.

**REMINDER:** The information and suggestion doses in the application table are for general informing purposes. Suggestion doses to be made according to the leaf analysis in leaf applications and soil analysis in soil applications should be taken as basis. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.



we respect the  
environment.

# Varioo Legend

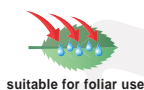
Solid Blended  
NK+MgO+CaO+TE Fertilizer

**About Products; Varioo Legend;** 5.5(%) Nitrogen(N), 30.0(%) Potassium Oxide (K<sub>2</sub>O), 2.0(%) Calcium Oxide(CaO), 2.0(%) Magnesium Oxide(MgO), 1.0(%) Manganese(Mn) It is a solid NK+CaO+MgO+TE fertilizer containing 3.0(%) Zinc (Zn) and is a combination of new generation plant nutrients strengthened with Amino Acids and special chelators for better uptake of plant nutrients by the plant.

## GUARANTEED CONTENT (%)

Total Nitrogen (N-Nitrate + Urea)	5.5	Water Soluble Manganese(Mn)	1.0
Water Soluble Potassium Oxide (K <sub>2</sub> O)	30.0	Water Soluble Zinc(Zn)	3.0
Water Soluble Calcium Oxide (CaO)	2.0	Carrier Molecules	3.5
Water Soluble Magnesium Oxide (MgO)	2.0		

## APPLICATION RECOMMENDATION



suitable for foliar use



suitable for soil use



suitable for multiple mixes



For detailed information  
QR barcode  
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Packaging: 1Kg x 20, 2Kg x 8, 5Kg x 4, 20Kg

**Pistachio, Hazelnut:** It is recommended 2-3 applications at a dose of 150-200 g per decare, at the first fruit formation and at the beginning of the stuffing period. **Vegetables:** (Tomato, Pepper, Cucumber, Eggplant, Zucchini, Bean, Strawberry, Melon, Watermelon etc.) **Foliar Application:** From the first fruit formation to the end of the harvest, 10-15 days apart in 125-150 gr/100 liters of water **Soil Application:** After the first color formation on the fruits, until the end of the harvest, at intervals of 7-10 days, 2-3 kg/da.

**Field Crops:** It is recommended to apply 2-3 applications at 8-10 day intervals throughout the production period, to encourage grain formation and weight, and to affect the oil rate in oily plants, at 150-200 g per decare. **Strawberry:** 4-6 applications from the beginning of the fruiting period to the end of the harvest at a dose of 125-150 gr/decare for fruit quality and color, shelf and transport resistance. **Cotton:** 2-3 applications at a dose of 150-200 gr/decare for product and fiber quality. **Sugar Beet:** From the period of 8-10 leaves until the harvest, 2-3 applications with 10-15 days intervals. From the leaves: 100-125 gr/da without **spring irrigation:** It is recommended at a dose of 100-150 gr per decare. **Fruit growing:** In order to increase the size, color, aroma and resistance to storage transportation in fruits, it is recommended to apply 2-3 applications at a dose of 1.5-1.7 kg per 1 ton of water, at intervals of 7-10 days, starting from the age of stone fruits and following the first color reduction in other fruits. **Vineyard:** 2-4 applications at 10-15 days intervals from the first fruit formation to the harvest, at a dose of 1.0-1.5 kg per ton of water, to help increase the color, size and aroma of fruits. **Olive:** In order to increase the homogeneous color, size and oil content of the fruits, 1.5-2.0 kg per ton of water is recommended for the first application at the first fruit formation, the second application during the color reduction period, and the third application at the beginning of the harvest. **Citrus:** 2-3 applications are recommended at a dose of 125-175 g per decare, at the bead period and at the beginning of coloration in June. **Banana:** From the first fruit formation until the fruit reaches the standard size. 2-4 applications at a dose of 125-150 g per decare from the leaves. **From the soil (Drip Irrigation):** 2-3 kg/da **Other Products:** It is recommended to apply on leaves at a dose of 50-100 g per 100 liters of water, and from soil at a dose of 1.5-2.5 kg.

## Effect on the Plant:

Varioo Legend: Thanks to its high potassium content, it tightens the tissues of the plant and increases its resistance against physical and biological destruction. It contributes positively to the increase of properties such as filling, color, taste and aroma of the fruit. Efficiency and added value provides an increase. It helps to minimize the product loss that may occur by increasing the resistance of the fruit against cold. It provides a commercial advantage by providing earliness in the product. Thanks to the micro elements used together, it helps the plant to grow and develop in a dynamic and protected way by increasing enzyme activity, strengthening the cell wall, increasing the efficiency and speed of photosynthesis. It regulates the osmotic pressure of the plant and affects the water balance and water holding capacity positively, and can be used especially in products such as pistachios grown in dehydrated soils and increases the filling. In addition, thanks to the high zinc (Zn) content in acidic soils, it eliminates the zinc (Zn) deficiency and allows the effects of potassium to be felt more efficiently. It helps to increase the product properties that increase added value such as filling, taste and aroma of hard-shelled products such as hazelnut, walnut, pistachio.

**REMINDER:** The information and suggestion doses in the application table are for general informing purposes. Suggestion doses to be made according to the leaf analysis in leaf applications and soil analysis in soil applications should be taken as basis. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 ° C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

**About Products: ZiPack;** It is a liquid fertilizer solution containing (w/v%)43.50 Phosphorus Penta Oxide ( $P_2O_5$ ), (w/v%)29.25 Potassium Oxide ( $K_2O$ ) and (w/v%)3.00 EDTA Zinc (Zn) completely dispersed in water. With the applications to be made in the deficiency of this nutrient element in the plants, it also has a positive effect on rooting, flowering and fruit set. Thanks to the balanced Phosphorus and Potassium in its content, it helps plants to defend against pathogen attacks that may come from outside by forming tight tissue in plants.

### GUARANTEED CONTENT (w/v)

Water Soluble Zinc (Zn) EDTA	3.00	pH (22 °C 1/10)	3.5 - 5.5
Water Soluble Phosphorus Penta Oxide ( $P_2O_5$ )	43.50	Density (d) gr/ml	1.5
Water Soluble Potassium Oxide( $K_2O$ )	29.25		

### APPLICATION RECOMMENDATION



suitable for foliar application by drone



suitable for foliar use



suitable for soil use



suitable for multiple mixes



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Packaging: 1L x 20, 5L x 4, 25Kg

**For Greenhouse Vegetables:** 150-200 cc (150 cc/da) per 100 liters of water

**Open Field Vegetables:** 150-250 cc/da (at the beginning of the flowering period) and 2-3 applications according to the need

**Pome seeds:** 150-250 cc/da (From the beginning of the flowering period to the first fruit formation period.)

**Hard Seeds:** 150-250 cc/da (from the beginning of the first flowering period to the fruit formation period, 3-5 with an interval of 15-20 days) application is recommended.)

**Sugar Beet:** 150-250 cc/da (4-6 leaf period) and 2-3 applications according to the need during the production period

**Strawberry:** 150-200 cc/da (from the beginning of the first flowering to the fruit formation period)

**Vineyard:** 200 cc/da (When inflorescences form and fruits start to appear, 2-3 applications are recommended at 7-10 days intervals.)

**Cotton:** Two applications for flowering and cocoon formation: 200-250 cc/da.

**Cereals (Wheat, Barley, Oats, Rice, Lentils etc.):** 200-250 cc/da (Breeding or staking period).

**Onion, Carrot, Radish etc.:** 200 cc/da (When sufficient leaf surface is formed) and at first fruit formation

**Sunflower:** 200-250 cc/da (When plant height reaches 10-15 cm)

**Olive, Hazelnut, Pistachio, Avocado, Kiwi etc.:** 200-250 cc/da (Front of flower, at the beginning of fruit growth)

**Citrus:** 200-250 cc/da (Front of flower, at the beginning of fruit growth)

**Potatoes:** 2-3 applications are recommended at 250-300 cc/da (from plant emergence to tuber development period).

**Cut Floristry:** 150-200 cc/da (in the first budding period) Drip irrigation applications: 300-500 gr/da

**Banana:** In the repair period, the first application is recommended, followed by 2-4 applications with an interval of 7-10 days.

**Application from Soil:** 2-3 applications according to the need at a dose of 500-1000 cc/da (with a minimum of 1000 liters of water).

### Effect on the Plant:

Potassium contributes positively to the increase in internal fullness of fruits and the formation of larger, more attractive and high-quality fruits. It helps prevent fruit deformities and is extremely effective on homogeneous coloration. Potassium (K) and Phosphite-derived Phosphorus (P) contained in Odinphos help plants to be less affected by adverse conditions as they create tight tissue in the plants to which it is applied. It reduces wilt by balancing salt and water in plant cells. With its phosphite content, it can be used to suppress diseases such as fungal diseases (Phytophthora, Pythium, Erysiphe betae, Fusarium spp) occurring in the root, stem and leaf areas. It is a complete product that protects against both physical and biological damage and contributes to the formation of attractive, high-quality fruit.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the culture plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

# SABRON

## Liquid solution of phosphorus (phosphite) and potassium

**About the Product:** This product is a liquid phosphite-containing PK fertilizer solution containing (%w/v) 35.00 Phosphorus Pentaoxide (P<sub>2</sub>O<sub>5</sub>) and (%w/v%) 28.00 Potassium Oxide (K<sub>2</sub>O).

### GUARANTEED CONTENT: (w/v)

Water Soluble Phosphorus Penta Oxide (P <sub>2</sub> O <sub>5</sub> )	35.00	Density (d) gr/ml	1.40
Water Soluble Potassium Oxide(K <sub>2</sub> O)	28.00	pH (22 °C 1/10)	6.35

### APPLICATION RECOMMENDATION



suitable for foliar application by drone



suitable for foliar use



suitable for soil use



suitable for multiple mixes



Detaylı Bilgi İçin QR barkodu okutunuz.



**Greenhouse plants** (Tomato-Pepper-Cucumber-Eggplant etc.): 200-300 ml per 100 L of water (250 ml/da), **Open Field Vegetables:** 200-250 ml / da (at the beginning of the fruiting period) **Soft beans:** 200-300 ml / da (from the beginning of the fruiting period to the first harvest period) **Hard seeds:** 200-300 ml / da (from the beginning of the fruiting period 3-5 applications with an interval of 15-20 days) **Sugar beet:** 200-300 ml/da (during head-setting period) **Strawberry:** 200-300 ml/da (during first fruit formation) **Vineyard:** 200 ml / da (2-3 applications with an interval of 10-15 days when flower clusters form and fruits begin to appear) **Cereals:** (Wheat, Barley, Oats, etc.) 200-300 ml / da. (During the inbreeding or estrangement period) **Corn:** 200-300 ml / da (when plant height is 20-40 cm) **Onion:** 100 ml / da (When sufficient leaf surface is formed) **Sunflower:** 200-300 ml / da **Potato:** 150-250 ml / da (From the completion of plant emergence to the tuber development period) **Citrus:** 200-250 ml / da (At the beginning of fruit growth) **Olive:** 150-250 ml/da (At the beginning of the fruiting period) **Cut Flower:** 150-250 ml / da (in the first budding period) In drip irrigation applications: 300-500 gr. / da **Banana:** 200-300 ml/da (2-3 applications during the repair period and 15-20 days later) **Tropical Plants:** (Kiwi-Avocado-Mango etc.) 2-3 applications at 10-15 days intervals at a dose of 200-300 ml/da at the beginning of the fruiting period.

**The recommended doses above are for recommendation purposes only, and doses may be decreased or increased depending on plant diversity and soil structure.**

### Effect on the Plant:

Potassium contributes positively to the increase in internal fullness of fruits and the formation of larger, more attractive and high-quality fruits. It helps prevent fruit deformities and is extremely effective on homogeneous coloration. Potassium (K) and Phosphite-derived Phosphorus (P) contained in Odinphos help plants to be less affected by adverse conditions as they create tight tissue in the plants to which it is applied. It reduces wilt by balancing salt and water in plant cells. With its phosphite content, it can be used to suppress diseases such as fungal diseases (Phytophthora, Pythium, Erysiphe betae, Fusarium spp) occurring in the root, stem and leaf areas. It is a complete product that protects against both physical and biological damage and contributes to the formation of attractive, high-quality fruit.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the culture plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

Packaging: 1L x 20, 5L x4, 20L veya 25 kg

www.makrotarım.com.tr

# Topping Green

16-0-5 + 6 Mg +ME

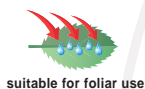
Blended NK + MgO + ME  
Fertilizer containing Nitrogen (N),  
Potassium Oxide (K<sub>2</sub>O), Magnesium Oxide (MgO),  
Manganese (Mn), Zinc (Zn) and Boron (B).

**About Products: Topping Green;** is a blended NK + TE fertilizer which is combined with special carrier molecules to maximize absorption of the plant nutrients in the content by the plant, contains 16.0% Nitrogen (N), 5.0% Potassium Oxide (K<sub>2</sub>O), 6.0% Magnesium Oxide (MgO), 4.0% Manganese (Mn), 4.0% Zinc (Zn) and 0.75% Boron (B).

## GUARANTEED CONTENT (%)

Total Nitrogen (N)	16,00	Water Soluble Magnesium (MgO)	6,00
Ammonium Nitrogen	1,00	Water Soluble Boron (B)	0,75
Nitrate Nitrogen	1,50	Water Soluble Manganese (Mn)	4,00
Urea Nitrogen	13,50	Water Soluble Zinc (Zn)	4,00
Water Soluble Potassium Oxide (K <sub>2</sub> O)	5,00	pH (22 °C 1/10)	1.5-3.5
		EC (dS/m)	28.40

## APPLICATION RECOMMENDATION



suitable for foliar use



suitable for soil use



suitable for multiple mixes



For detailed information  
QR barcode  
Please read



Packaging: 1kg x 20, 2.5kg x 8, 5kg x 4, 10kg x 2

### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Bean, Soy, Tobacco, Lentil, Corn etc.)

**Cotton**

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry, Melon, Watermelon**

**Olive, Hazelnut, Pistachio**

**Vineyard, Kiwi, Avacado**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

**Soil Application:**

Drip Irrigation 4-6 kg/ha, Flood irrigation 6-7.5 kg/ha, Sprinkler irrigation 1-1.5 kg/ha. It is repeated 2-4 times.

### Effect on the Plant:

- \*It's an excellent product produced for the vegetative components in all the plants to develop more vivid and healthier.
- \* It helps the more lucrative development of plants, especially after germination.
- \* It contributes to the formation of a darker and healthier leaf surface of the plants whose leaves are eaten
- \* It is effective in equal gradation in the plants such as corn and cereals, also effective in the plants' being more upright and vegetative components' being strong.
- \* It provides the formation of homogeneous fruit buds and elongation of shoot branches in fruit trees and vineyard.

**REMINDER:** The information and suggestion doses in the application table are for general informing purposes. Suggestion doses to be made according to the leaf analysis in leaf applications and soil analysis in soil applications should be taken as basis. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 ° C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

www.makrotarim.com.tr

# Ly-Copper Gold

**Copper fertilizer solution containing liquid Copper (Cu), Phosphore and Laby Methyl**

**About Products: Ly Copper Gold;** This product is a copper fertilizer solution containing 5.8 (w/v%) Copper (Cu), 12.3 (w/v%) Phosphorus pentoxide (phosphite) and 1.25 (w/v%) defense molecule .

## GUARANTEED CONTENT (w/v)

Water Soluble Copper(Cu)	5.80	pH (22 °C 1/10)	2.5-4.5
Water Soluble Phosphorus Penta Oxide (P <sub>2</sub> O <sub>5</sub> )	12.30	Density (d) gr/ml	1.23
Special defensive molecules	1.25		

## APPLICATION RECOMMENDATION



suitable for soil use



suitable for foliar use



partially suitable for multi-mix



For detailed information  
QR barcode  
Please read.



### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Bean, Soy, Tobacco, Lentil, Corn etc.)

**Cotton**

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry, Melon, Watermelon**

**Olive, Hazelnut, Pistachio**

**Vineyard, Kiwi, Avocado**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

### Soil Application:

Drip Irrigation 3-5 L/ha, Flood irrigation 4-6 L/ha, Sprinkler irrigation 2-2.5 kg/ha. It is repeated 2-3 times.

### FIDE/SAPLINGS DRIP

20-25 Liter water 400-500 cc Ly-Copper Gold . Roots dipped in to the mixture for 1 min duration and planting starts.

### Effect on the Plant:

Ly Copper Gold It is effective on both flowering and rooting of the plants it is applied to, with the Phosphorus sourced from Phosphite it contains. The combination of Phosphite and Copper (Cu) it contains is very effective in transporting Copper (Cu) to the plant body in both root and leaf applications. While it contributes positively to the elimination of Copper (Cu) and Phosphorus (P) deficiencies in plants, it plays an active role in repress various fungal and bacterial diseases. It is also extremely effective against bacterial diseases such as (*Pseudomonas* sp, *Michiganensis* sp, *Spilococea oleaginea*) and fungal diseases (*Phytophthora*, *Pythium*, *Erysiphe betae*, *Fusarium* spp) occurring on the root, stem and leaf surfaces. Additionally, Copper (Cu) contributes positively to photosynthesis by encouraging enzyme production in plants. In this context, it can be used as both a nourishing and suppressive product.

**REMINDER:** The information and suggestion doses in the application table are for general informing purposes. Suggestion doses to be made according to the leaf analysis in leaf applications and soil analysis in soil applications should be taken as basis. Although this product may be partially mixed with other foliar, ground fertilizers and pesticides, pre-test in wide area applications and / or in case of hesitation. Generally, application from soil is recommended. For leaf application, get information from your dealer or makro tarım technical department. Application on windy, dewy, frost days and in rainy weather is not recommended. The application should be done in the morning or in the evening, nothing should be eaten, drunk, protective equipment should be used during the application and this product should not be contacted with the skin. In case of contact, wash with plenty of clean water. Keep the product in a sheltered place (at a temperature of 5-35 C) away from children and pets.

### Foliar Application

: 200-250 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 300-350 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 150-250 cc/da

: 200-250 cc/da

### Usage

2-3

1-3

1-2

1-2

2-3

2-3

2-3

2-3

1-3

2-3

1-3

1-2

2-3

1-3

**About Products; Ly-Copper;** It is a new generation, effective and strong liquid copper fertilizer solution containing 4.5(w/v%) Copper (Cu), 2.65(w/v%) Defensive Molecules.

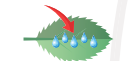
### GUARANTEED CONTENT (w/v)

Water Soluble Copper(Cu)	4.50	pH (22 °C 1/10)	4.0-6.0
Density (d) gr/ml	1.10		

### APPLICATION RECOMMENDATION



suitable for soil use



suitable for foliar use



partially suitable for multi-mix



For detailed information  
QR barcode  
Please read.



Packaging: 1L x 20, 5L x 4

### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Bean, Soy, Tobacco, Lentil, Corn etc.)

**Cotton**

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry, Melon, Watermelon**

**Olive, Hazelnut, Pistachio**

**Vineyard, Kiwi, Avocado**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower (Gerbera, carnation, rose)**

**Greenery Group**

### Soil Application:

Drip Irrigation 3-5 L/ha, Flood irrigation 4-6 L/ha, Sprinkler irrigation 2-2.5 kg/ha. It is repeated 2-3 times.

### Foliar Application

: 200-250 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-250 cc/da

: 200-300 cc/da

: 300-350 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 150-250 cc/da

: 200-250 cc/da

### Usage

2-3

1-3

1-2

1-2

2-3

2-3

2-3

1-3

2-3

2-3

1-3

1-2

2-3

1-3

### SEEDLING/SAPLINGS DRIP

20-25 Liter water 400-500 cc Ly-Copper . Roots dipped in to the mixture for 1 min duration and planting starts.

### Effect on the Plant:

\* It is an essential nutrient for chlorophyll synthesis for plants. \*Copper is also efficient in pollen formation, fertilization, eventually seed and fruit formation. \* It provides protein and vitamin formation in the plant. \* It has a protective and therapeutic effect. It suppresses pathogens such as fungal and bacteria that damage plants. \* It maintains its effectiveness for a long time. (20-25 days).

**REMINDER:** The information and suggestion doses in the application table are for general informing purposes. Suggestion doses to be made according to the leaf analysis in leaf applications and soil analysis in soil applications should be taken as basis. Although this product may be partially mixed with other foliar, ground fertilizers and pesticides, pre-test in wide area applications and / or in case of hesitation. Generally, application from soil is recommended. For leaf application, get information from your dealer or makro tarim technical department. Application on windy, dewy, frost days and in rainy weather is not recommended. The application should be done in the morning or in the evening, nothing should be eaten, drunk, protective equipment should be used during the application and this product should not be contacted with the skin. In case of contact, wash with plenty of clean water. Keep the product in a sheltered place (at a temperature of 5-35 C) away from children and pets.

# Cu'Ce

## Liquid copper(Copper Nitrate) fertilizer solution containing Copper and Gluconate

**About Products: Cu'Ce;** This product is a liquid copper fertilizer solution containing 7.5 (w/v%) Copper (Cu-Nitrate) and 5.5 (w/v%) defensive molecules (gluconate).

### GUARANTEED CONTENT (w/v)

Water Soluble Copper(Cu)	7.50	pH (22 °C 1/10)	3.5-5.5
Density (d) gr/ml	1.25		

### APPLICATION RECOMMENDATION



suitable for foliar application by drone



suitable for foliar use



suitable for soil use



suitable for multiple mixes



For detailed information  
QR Barcode  
Please read



Packaging: 1L x 20, 5L x 4, 20L

### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Bean, Soy, Tobacco, Lentil, Corn etc.)

### Cotton

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry, Melon, Watermelon**

**Olive, Hazelnut, Pistachio**

**Vineyard, Kiwi, Avocado**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower (Gerbera, carnation, rose)**

**Greenery Group**

### Soil Application:

Drip Irrigation 5-15 L/ha, Flood irrigation 10-20 L/ha, Sprinkler irrigation 2-2.5 kg/ha. It is repeated 2-3 times.

### FIDE/SAPLINGS DRIP

20-25 Liter water 350-450 cc Cu'Ce . Roots dipped in to the mixture for 1 min duration and planting starts.

### Effect on the Plant:

Copper (Cu) contributes positively to photosynthesis by encouraging enzyme production in plants. Cu'Ce; Thanks to the organic carriers (Sodium Gluconate) it contains, it is more effective and suitable for foliar applications compared to other Phosphite-derived Phosphorus (P) -containing Copper products. It plays an active role in repressing various fungal and bacterial diseases (such as Pseudomonas sp, Michiganensis sp, Spillocaea oleaginea), and is also extremely effective against fungal diseases occurring in the root and leaf areas (Phytophthora, Pythium, Erysiphe betae, Fusarium spp). In this context, it can be used as both a nourishing and suppressive product. While copper (Cu) contributes to nutrition by increasing enzyme and photosynthesis activity, it can be used effectively as a suppressant for fungal and bacterial diseases.

**REMINDER:** The information and suggestion doses in the application table are for general informing purposes. Suggestion doses to be made according to the leaf analysis in leaf applications and soil analysis in soil applications should be taken as basis. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

### Foliar Application

: 200-250 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 150-200 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 150-200 cc/da

: 100-150 cc/da

### Usage

2-3

1-3

1-2

1-2

1-3

2-3

2-3

2-3

1-3

2-3

1-3

1-2

2-3

2-3

A photograph of a tulip field. In the foreground, a single purple tulip is in sharp focus, its petals showing a gradient from light to dark purple. The background is filled with many white tulips, which are out of focus, creating a soft, bokeh effect. The sky is a clear, light blue, and the overall scene is bright and sunny.

**Raising awareness  
is our mission.**

**About Products; Poly Plant Zn EDTA;** It is Zinc (Zn) chelate containing 13.0% Zinc (Zn) and chelated with EDTA in order to maximize the uptake of Zinc in content from both leaf and soil.

### GUARANTEED CONTENT (%)

Water Soluble Zinc (Zn)	13.00	pH (22 °C 1/10)	2.5-3.5
EDTA with Chelated Zinc (Zn)	8.50	EC (dS/m)	28.10

### APPLICATION RECOMMENDATION



suitable for foliar use



suitable for soil use



suitable for multiple mixes



For detailed information  
QR barcode  
Please read



#### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Bean, Soy, Tobacco, Lentil, Corn etc.)

#### Cotton

**Sugar beet, Carrot, Onion, Potato, Garlic**

#### Banana

**Strawberry, Melon, Watermelon**

**Olive, Hazelnut, Pistachio**

**Vineyard, Kiwi, Avacado**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

#### Oil Plants

**Pomegranate**

**Cut Flower (Gerbera, carnation, rose)**

**Greenery Group**

#### Soil Application:

Drip Irrigation 3-5 kg/ha, Flood irrigation 5-7 kg/ha, Sprinkler irrigation 0,6-0,9 kg/ha. It is repeated 3-5 times.

#### Foliar Application

: 60-75 gr/da

: 50-100 gr/da

: 60-100 gr/da

: 60-100 gr/da

: 75-125 gr/da

: 50-100 gr/da

: 50-75 gr/da

: 50-75 gr/da

: 70-90 gr/da

: 40-80 gr/da

: 60-100 gr/da

: 70-90 gr/da

: 50-75 gr/da

: 40-60 gr/da

#### Usage

2-4

2-3

1-3

1-3

1-3

2-3

2-3

1-3

3-4

1-3

2-3

2-3

1-3

### Effect on the Plant:

Poly Plant Zn EDTA; Zinc (Zn) is an important plant nutrient contained in growth hormones in plants. It is chelated with EDTA to increase the uptake of Zinc in the content by the plant. It increases flowering and fruit set in foliar applications and helps prevent fruit shedding. In applications from soil, it increases the utilization volume of the roots from the soil by making a positive impact on hairy root development. It helps plants become resistant to cold and heat. In plants with Zinc (Zn) deficiency, rosette on the young shoot ends is seen, and if no precautions are taken, drying backwards from the tip is seen on the shoots. The leaves fall before ripening, the formation of scrub plants is the most obvious Zinc (Zn) deficiency. In addition, fruit bud decreases, flowering becomes weak, fruit set decreases.

**REMINDER:** The information and suggestion doses in the application table are for general informing purposes. Suggestion doses to be made according to the leaf analysis in leaf applications and soil analysis in soil applications should be taken as basis. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

**About Products; Poly Plant Fe EDTA;** is an iron chelate containing 15.0% Iron (Fe) and chelated with EDTA in order to maximize the uptake of Iron in the content from the leaf and soil.

### GUARANTEED CONTENT (%)

Water Soluble Iron(Fe)	15.00	pH (22 °C 1/10)	2.5-3.5
EDTA with Chelated Iron(Fe)	8.50	EC (dS/m)	38.30

### APPLICATION RECOMMENDATION



suitable for foliar use



suitable for soil use



suitable for multiple mixes



For detailed information  
QR barcode  
Please read



Packaging: 1kg x 20, 5kg x 4, 10kg x 3, 20/25kg

#### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Bean, Soy, Tobacco, Lentil, Corn etc.)

**Cotton**

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry, Melon, Watermelon**

**Olive, Hazelnut, Pistachio**

**Vineyard, Kiwi, Avacado**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

#### Soil Application:

Drip irrigation 3-5 kg/ha, Flood irrigation 5-7 kg/ha, Sprinkler irrigation 0,4-0,8 kg/ha. It is repeated 3-5 times.

#### Foliar Application

: 40-75 gr/da

: 40-75 gr/da

: 50-60 gr/da

: 60-80 gr/da

: 50-60 gr/da

: 50-75 gr/da

: 40-60 gr/da

: 50-75 gr/da

: 70-90 gr/da

: 40-80 gr/da

: 50-70 gr/da

: 50-75 gr/da

: 40-60 gr/da

: 30-50 gr/da

#### Usage

4-5

2-3

2-3

2-3

2-3

4-5

1-3

2-3

2-3

2-3

2-4

1-3

1-3

3-5

1-3

### Effect on the Plant:

Poly Plant Fe EDTA is Iron deficiency, which is caused by high pH and lime, excess moisture, unsuitable soil structure, intensive agricultural production and similar causes and is one of the most important problems of agricultural production. In addition to the losses of yield in production and product quality, it can even cause deaths of plants if no precautions are taken during the production season. Poly Plant Fe EDTA contains the EDTA chelated iron that plants need most. It was chelated with EDTA to maximize the absorption of this nutrient to the plant from the leaf and soil. The most prominent feature of iron deficiency is the yellowing leaves. If iron deficiency is not controlled during the season, death (drying) is inevitable besides significant yield and quality losses.

**REMINDER:** The information and suggestion doses in the application table are for general informing purposes. Suggestion doses to be made according to the leaf analysis in leaf applications and soil analysis in soil applications should be taken as basis. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

# Pedant

**Solid Blended  
PK+Micro Elements Mixture**

**About Products; Pedant;** 26.0 (%) Phosphorus Penta Oxide( $P_2O_5$ ), 32.0 (%) Potassium Oxide( $K_2O$ ), 0.20(%) Boron(B), 0.10(%) Manganese(Mn), 0.45(%) Molybdenum(Mo) ve 0.10(%) Zinc (Zn) is a solid mixture of PK + Micro elements. It is recommended and recommended in cases where flowering, pollen formation and fruit set are weak and insufficient.

## GUARANTEED CONTENT (%)

Water Soluble Phosphorus Penta Oxide ( $P_2O_5$ )	26.00	Water Soluble Molybdenum(Mo)	0.45
Water Soluble Potassium Oxide ( $K_2O$ )	32.00	Water Soluble Zinc(Zn)	0.10
Water Soluble Boron(B)	0.20	Special Carrier Molecules	2.95
Water Soluble Manganese (Mn)	0.10		

## APPLICATION RECOMMENDATION



suitable for soil use



suitable for foliar use



suitable for multiple mixes



For detailed information  
QR barcode  
Please read.



### Tomato, pepper, eggplant, zucchini, melon-watermelon;

Application with drip irrigation at a dose of 400-450 gr/decars at 15-20 days intervals and 15-20 minutes irrigation time recommended.

**Note;** With drip irrigation from the soil; should be applied.

For foliar application; please makro tarım Ltd. sti. It is recommended to contact the technical service

### Effect on the Plant:

pedant; It is extremely effective on flowering, live pollen formation, fertilization and fruit set at low and high temperatures by stimulating enzyme activity (stokine and auxin hormones) in the plants to which it is applied, with the right selection and right combination of Phosphorus Pentaoxide ( $P_2O_5$ ) and other microelements in its content. It triggers the activity of natural herbal hormones in the plant. In addition, since it will contribute positively to root development, it contributes positively to the increase of the plant's utilization area from the soil.

pedant; Thanks to the high Potassium Oxide ( $K_2O$ ) it contains, it tightens the tissues of the plants and increases their resistance against physical and biological deformations. It extends the transportation, shelf and storage life of fruits and helps to increase the preservation period of the added value. With its aroma, color and volume, it provides high quality products with high appeal in every respect. It makes plants resistant to thirst by regulating the osmotic pressure of the plant.

**REMINDER:** The information and suggestion doses in the application table are for general informing purposes. Suggestion doses to be made according to the leaf analysis in leaf applications and soil analysis in soil applications should be taken as basis. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

# guard 25

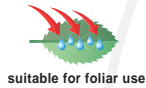
## Potassium Silicate Liquid Fertilizer Solution.

**About Products; guard 25:** This product is a potassium silicate solution containing 4.2 (w/v%) Nitrogen (N), 21.0 (w/v%) Potassium Oxide (K<sub>2</sub>O) and 35.0 (w/v%) Silicon (SiO<sub>2</sub>).

### GUARANTEED CONTENT (w/v)

Total Nitrogen (N-Urea)	4.2	pH (22 °C 1/10)	9.0-11.0
Water Soluble Potassium Oxide(K <sub>2</sub> O)	21.0	Density (d) gr/ml	1.4
Silicon Oxide(SiO <sub>2</sub> )	35.0		

### APPLICATION RECOMMENDATION



suitable for foliar use



suitable for soil use



partially suitable for  
multi-mix



For detailed information  
QR barcode  
Please read



#### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Bean, Soy, Tobacco, Lentil, Corn etc.)

#### Cotton

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry, Melon, Watermelon**

**Olive, Hazelnut, Pistachio**

**Vineyard, Kiwi, Avacado**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower (Gerbera, carnation, rose)**

**Greenery Group**

#### Soil Application:

Drip irrigation 3-5 lt/ha, Flood irrigation 4-6 lt/ha, Sprinkler irrigation 2-3 lt/ha. It is repeated 2-4 times.

#### Foliar Application

: 200-250 cc/da

: 200-250 cc/da

: 200-300 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 150-250 cc/da

: 200-300 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 200-250 cc/da

: 100-200 cc/da

: 75-150 gr/da

#### Usage

2-4

2-4

1-3

1-3

1-3

2-3

2-4

1-3

2-3

2-3

2-3

2-3

2-3

2-3

### Effect on the Plant:

\* It is a very special product and it gives the best result from the measurement parameters such as color, quality and brightness in the fruit with its Silicium and Potassium content. \* It protects fruits and plants from external effects by coating on the plant. \* It prevents the shedding by strengthening the set between the stem and the fruit in the plants whose fruit is shed. \*It prevents breaking and tilting by strengthening caulome of the plants such as Cereals, Corn, Paddy and Cut Flowers which are supposed to stand upright. \* Thanks to its high content of Silicium, it helps to act as a mechanical shield function against fungal and insect attacks with its coating and protection effect on the cell wall.

**REMINDER:** The information and suggestion doses in the application table are for general informing purposes. Suggestion doses to be made according to the leaf analysis in leaf applications and soil analysis in soil applications should be taken as basis. Although this product may be partially mixed with other foliar, ground fertilizers and pesticides, pre-test in wide area applications and / or in case of hesitation. Application on windy, dewy, frost days and in rainy weather is not recommended. The application should be done in the morning or in the evening, nothing should be eaten, drunk, protective equipment should be used during the application and this product should not be contacted with the skin. In case of contact, wash with plenty of clean water. Keep the product in a sheltered place (at a temperature of 5-35 C) away from children and pets.

**Note:** This product is not a product registered by the Republic of Turkey Ministry of Agriculture and Forestry Regulation It is sold abroad.

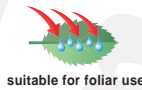
**X** It is irritating!

**About Products; Poly Plant Olive;** is a special formulation that is 100% water soluble, especially developed for homogeneous harvesting in olives and for increasing the fat rate, contains high 11.5% Nitrogen (N), 16.0% Potassium Oxide(K<sub>2</sub>O), 2.0% Magnesium Oxide (MgO), 3.5% Manganese (Mn), 1.3% Iron (Fe), 0.3% Boron (B) and 0.1% Copper (Cu).

### GUARANTEED CONTENT (%)

Total Nitrogen (N)	11.50	Water Soluble Magnesium(MgO)	2.00
Ammonium Nitrogen (NH <sub>2</sub> -N)	3.00	Water Soluble Boron(B)	0.30
Nitrate Nitrogen(NO <sub>3</sub> -N)	4.50	Water Soluble Copper(Cu)	0.10
Urea Nitrogen(NH <sub>2</sub> -N)	4.00	Water Soluble Iron(Fe)	1.30
Water Soluble Potassium Oxide (K <sub>2</sub> O)	16.00	Water Soluble Manganese(Mn)	3.50

### APPLICATION RECOMMENDATION



suitable for foliar use



suitable for soil use



suitable for multiple mixes



For detailed information  
QR barcode  
Please read



#### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Bean, Soy, Tobacco, Lentil, Corn etc.)

#### Cotton

**Sugar beet, Carrot, Onion, Potato, Garlic**

#### Banana

**Strawberry, Melon, Watermelon**

**Olive, Hazelnut, Pistachio**

**Vineyard, Kiwi, Avacado**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

#### Oil Plants

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

#### Soil Application:

Drip irrigation 10-15 kg/ha, Flood irrigation 15-25 kg/ha, Sprinkler irrigation 0.8-1.25 kg/ha. It is repeated 2-4 times.

#### Effect on the Plant:

\* This product has been formulated specifically for standard size, maximum oil rate, high appeal, homogeneous coloration and harvesting in fruits in olives. \* Thanks to its high Potassium Oxide, high Iron (Fe) and Manganese (Mn) in its content, it contributes very positively to the homogeneous coloration of fruits. \* It is a special product that can also be used to increase the coloration, taste and aroma in other fruits apart from olive cultivation in agricultural production and to increase the oil rate in oily plants.

**REMINDER:** The information and suggestion doses in the application table are for general informing purposes. Suggestion doses to be made according to the leaf analysis in leaf applications and soil analysis in soil applications should be taken as basis. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.

#### Foliar Application

: 80-100 gr/da

: 100-125 gr/da

: 80-120 gr/da

: 80-120 gr/da

: 100-125 gr/da

: 100-125 gr/da

: 80-100 gr/da

: 100-120 gr/da

: 80-100 gr/da

: 100-125 gr/da

: 100-125 gr/da

: 80-100 gr/da

: 80-100 gr/da

: 75-100 gr/da

: 75-100 gr/da

#### Usage

2-3

2-3

2-3

2-3

2-3

2-3

2-3

2-3

2-4

2-3

2-3

2-3

1-3

1-3

# Poly Plant

**Blended NPK Fertilizers Superior Formulations for Seedling / Sapling Growth and Fruiting Periods.**

## **About Products:**

Water-soluble, blended NPK Fertilizers. These are the products that provide an increase in yield, quality in the product with the formulations suitable for all production periods (seedling-sapling-development-fruiting period) of all annual or perennial crops in agricultural production.

## **Formulations**

**10-52-10**

**12-36-12 +TE**

**10-40-10 +TE**

**15-30-15 + TE**

**30-7-7 + 3 MgO + TE**

**18-18-18 + 1 MgO + TE**

**20-20-20 + TE**

**17-7-21 + 3 MgO + TE**

**16-8-24 + 2 MgO + TE**

**10-10-40 + TE**

**20-10-20 + 2 MgO + TE**

**14-11-30 + 2 MgO + TE**

**12-0-42 + TE**

**12-12-32 +TE**

**12-12-36 +TE**

**3-37-37 +TE**

**0-40-40**

## **Application Recommendations**

Phosphorus Pentoxide-weighted formulations following planting seedlings / saplings (beginning), balanced formulations in active growing periods of plants, Potassium Oxide-weighted formulations at the beginning of fruiting period and / or for increasing fruit color / aroma/ coarsening of the fruits are recommended.

## **General Recommendation Dosage**

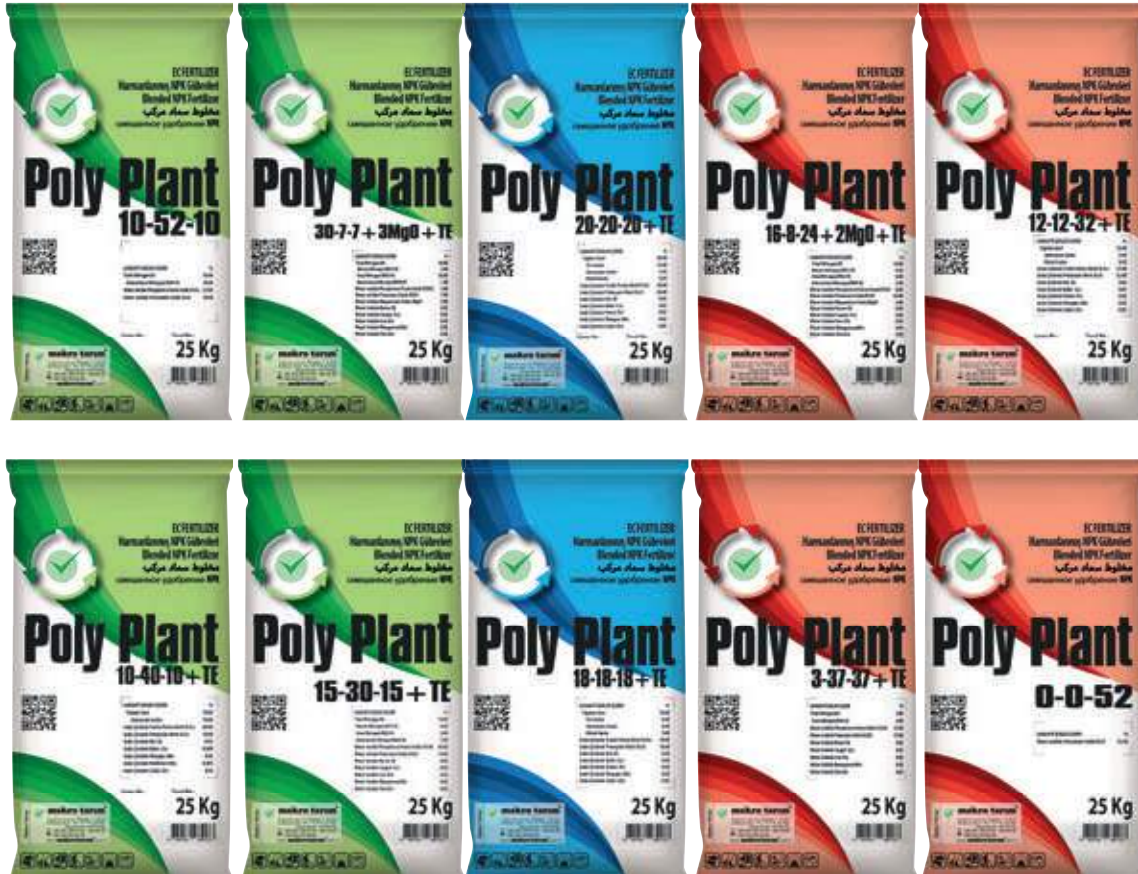
**From drip irrigation: 0.5-1.5 kg / da / day**

**From the leaf: 150-250 gr / da**

**Not:** The formulation determined according to the growth state of the plants is applied with sufficient amount of water from the soil and / or from the leaves. It is recommended to use minimum 700-1000 L water / da for soil applications and minimum 30-40 L water / da for foliar applications.

# Poly Plant

Poly Plant drip irrigation fertilizers, whose every stage is carefully controlled from production to final consumption, are at your service with their **excellent quality** to meet your expectations.



**Poly Plant drip irrigation fertilizers** meet our customers with the slogan of quality in every **gram** and abundance in every **drop**.

**Note:** Apart from the above formulations, please contact our technical team for different formulations requested by our customers

# Poly Plant

Blended NPK Fertilizers Superior Formulations for Seedling / Sapling Growth and Fruiting Periods.

Formulations	N	P2O5	K2O	MgO	B	Cu	Fe	Mn	Zn	pH	EC
10-52-10	10	52	10	----	----	----	----	----	----	5.5	46.5
12-36-12	12	36	12	----	0.02	0.02	0.02	0.02	0.02	4.40	98.40
10-40-10	10	40	10	----	0.02	0.02	0.02	0.02	0.02	4.10	61.20
15-30-15	15	30	15	----	0.02	0.02	0.02	0.02	0.02	4.70	52.00
30-7-7+3MgO	30	7	7	3	0.02	0.02	0.02	0.02	0.02	5.40	
18-18-18+1MgO	18	18	18	1	0.02	0.02	0.02	0.02	0.02	4.14	105.00
20-20-20	20	20	20	----	0.02	0.02	0.02	0.02	0.02	4.85	49.80
16-8-24+2MgO	16	8	24	2	0.02	0.02	0.02	0.02	0.02	4.60	60.30
10-10-40	10	10	40	----	0.02	0.02	0.02	0.02	0.02	3.60	83.70
20-10-20+2MgO	20	10	20	2	0.02	0.02	0.02	0.02	0.02	4.95	65.10
14-11-30+2MgO	14	11	30	2	0.02	0.02	0.02	0.02	0.02	5.10	
12-0-42	12	0	42	----	0.02	0.02	0.02	0.02	0.02	5.50	72.00
12-12-32	12	12	32	----	0.02	0.02	0.02	0.02	0.02	4.40	130.00
3-37-37	3	37	37	----	0.02	0.02	0.02	0.02	0.02	6.35	48.00

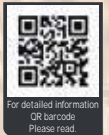
Chlorine-containing raw material is not used as Potassium Oxide in our blended NPK fertilizers in micro granule structure. Our 100% water-soluble, Poly Plant solid (Powder = Wp) fertilizer series with micro element content, are high quality fertilizers formulated to meet all needs of plants in vegetative production.

**Not:** Apart from the above formulations, please contact our technical team for different formulations requested by our customers.

**REMINDER:** The information and suggestion doses in the application table are for general informing purposes. Suggestion doses to be made according to the leaf analysis in leaf applications and soil analysis in soil applications should be taken as basis. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.



Packaging: 1kg x 20, 5kg x 4, 10Kg x 2, 25Kg



For detailed information  
QR barcode  
Please read

**About Products; titi;** These are liquid NPK fertilizer solutions reinforced with enzyme, vitamin, amino acids and some other molecules in the structure of semi-gel. It is formulated the way that it responds to all terms of the production period (seedling-sapling, development, fruit setting and harvest start) in crop production.

Content (w/v)	(w/w)	N		P	K
9-9-9	7-7-7	7	Ammonium : 1.60 Urea : 5.40	7	7
6.2-11.2-6.2	5-9-5	5	Ammonium : 1.60 Urea : 3.40	9	5
5.7-3.4-11.4	5-3-10	5	Ammonium : 1.00 Urea : 4.00	3	10
3.7-0-25	3-0-20	3	Urea : 3.00	0	20
6.6-26.4-6.6	5-20-5	5	Urea : 5.00	20	5
21.6-6-6	18-5-5	18	Urea : 18.00	5	5

## APPLICATION RECOMMENDATION

suitable for soil use

suitable for foliar use

suitable for multiple mixes



### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Bean, Soy, Tobacco, Lentil, Corn etc.)

### Cotton

**Sugar beet, Carrot, Onion, Potato, Garlic  
Banana**

**Strawberry, Melon, Watermelon**

**Olive, Hazelnut, Pistachio**

**Vineyard, Kiwi, Avocado**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

### Soil Application:

Drip Irrigation 30-50 L/ha, Flood irrigation 40-60 L/ha, Sprinkler irrigation 2,5-3,5 kg/ha. It is repeated 3-5 times.

### Foliar Application

: 200-300 cc/da

: 200-350 cc/da

: 250-350 cc/da

: 250-350 cc/da

: 250-300 cc/da

: 200-300 cc/da

: 200-300 cc/da

: 200-350 cc/da

: 200-350 cc/da

: 250-350 cc/da

: 200-300 cc/da

: 150-250 cc/da

: 100-200 cc/da

### Usage

2-4

2-4

3-5

2-4

2-4

2-4

3-5

2-3

2-3

2-4

2-3

2-3

2-3

### Effect on the Plant:

Owing to its rich formulation and content, titi, Liquid (Semi-gel) NPK fertilizers can be used both from soil and leaves in vegetative production. In general, Phosphorous or Balanced formulations are recommended as an initial fertilizer to promote root growth and flowering. At the beginning of the fruiting period, it is suitable to use formulations with high Potassium Oxide ratio for the coarsening, homogeneous color and aroma of the fruits. titi Semi Gel liquid is reinforced with carboxylic acids and enzymes so that our NPK fertilizers can be better received by the plant in soil applications. Therefore, they show a high effect even in periods when the soil is cold.

**REMINDER:** The information and suggestion doses in the application table are for general informing purposes. Suggestion doses to be made according to the leaf analysis in leaf applications and soil analysis in soil applications should be taken as basis. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended in windy, frost days and rainy days. Application should be done in the morning or on the evening. Away from children and pets. It is recommended to use fertilizer by doing leaves and / or soil analysis.



**Packaging:** 1 L x 20, 5 L x 4, 15 L / 20kg / 20lt



**Creating** something  
new is our **mission.**

# Organic Products

STYM 25	66
STYM ANIMAL	67
OLA af 85	68
VİMA E90	69
boralex double	70
PotAmino KTS	71
koverfom	72
MOL	74
toromol	75
BioMolex	76
Root-Soil	77
Lom'bio	78
Blacklife	79
Cytolife Plus	80
makro crop plus	82
Ultra Crop	83
m'daag	84
ultra amino	85
strong-K	86
ultra humate	87
Komple 4X4	88
partner Plus	88



**About the Product:** STYM 25 is a completely organic biological product that is obtained by an enzymatic hydrolysis method of vegetal proteins, strengthened by I.S.I molecules (molecules triggering Plant Immune System) which is the first in Türkiye and the World in addition to 100% natural Amino Acids, can be used in each stage (Seedling-Sapling, growth harvest) of production period of all the plants in agricultural production. The content contains 15.0 (w/v %) Free Amino Acids, 50.0 (w/v %) Organic Matter, 18.8 (w/v %) Organic Carbon, 3.75 (w/v %) Organic Nitrogen and 3.75 (w/v %) I.S.I Molecules.

### GUARANTEED CONTENT: (w/v)

Free Amino Acids	15.00	I.S.I (Immunological System Initiator):	3.75
Organic Carbon	18.75	Density (d) gr/ml	1.25
Organic Matter	50.00	pH (22 °C 1/10)	5-7
Total Nitrogen (Organic Nitrogen)	3.75		

### APPLICATION RECOMMENDATIONS



suitable for foliar application by drone



suitable for foliar use



suitable for soil use



suitable for multiple mix



### Foliar Application:

**Greenhouse and Open Field Vegetables**

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

**Cotton**

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry, Melon, Watermelon**

**Olive, Hazelnut, Pistachio**

**Vineyard, Kiwi, Avocado**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

### Soil Application:

Drip irrigation 20-30 L/ha, Flood irrigation 30-50 L/ha, Sprinkler irrigation 3-4 L/ha. It is repeated 3-5 times.

### Dose

: 150-200 cc/100 L water

: 150-200 cc/100 L water

: 125-200 cc/100 L water

: 125-250 cc/100 L water

: 150-200 cc/100 L water

: 200-250 cc/100 L water

: 150-250 cc/100 L water

: 150-225 cc/100 L water

: 150-200 cc/100 L water

: 150-250 cc/100 L water

: 150-200 cc/100 L water

: 150-200 cc/100 L water

: 150-200 cc/100 L water

: 100-200 cc/100 L water

### Number of app.

3-5

2-3

2-3

2-4

1-3

1-3

2-3

1-3

2-4

1-3

1-3

1-2

2-3

1-3

### Effect on Plant:

STYM 25; prevents pathogen (Fungus, Bacteria, Virus) entry and formation of infections that may occur in plants owing to I.S.I molecules in its content. \* It increases the resistance of the plant in stress conditions.\* It contributes to the nonformation of gaps between tissues. \* STYM 25 plays an active role in protein synthesis. \* It increases the intake of pesticides and other fertilizers that it is used together with its strong chelating effect. \* It promotes flowering and fruit set, stimulates natural hormones in the plant. \* It increases sugar and vitamin level in fruit. \* In addition to its extraordinary rooting effect in soil applications, it triggers microorganism activities. \* It accelerates the decomposition of organic matter.\* It makes a significant contribution to the plants' absorption of macro and micro elements that are present in the soil and cannot be taken by the plant. \* It provides additional energy to the plant during rooting, flowering, fruit binding and fruit growing periods.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended on windy, frost days and rainy days. Application should be done in the morning or in the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. **It is recommended to use fertilizer by doing leaf and / or soil analysis.**

**Shake it before use**

Packaging: 1L x 20, 5L x 4, 10L x 2, 20L

**About the Product:** STYMA ANIMAL is a liquid organic fertilizer containing Amino Acid of animal origin, which is obtained as a result of the combination of enzymes and Halal cut animal protein, contains 16.25 (w/v %) Free Amino Acids, 30.0 (w/v %) Organic Carbon, 62.5 (w/v %) Organic Matter and 10.0 (w/v %) Organic Nitrogen. Due to the small molecule diameter of natural Amino Acids in the content, the penetration of this product to the plants from leaves and roots is faster.

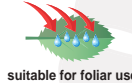
### GUARANTEED CONTENT: (w/v)

Free Amino Acids	16.25	Organic Nitrogen	10.00
Organic Carbon	30.00	Density (d) gr/ml	1.25
Organic Matter	62.50	pH (22 °C 1/10)	4-6

### APPLICATION RECOMMENDATIONS



suitable for foliar application by drone



suitable for foliar use



suitable for soil use



suitable for multiple mix



For detailed information QR Barcode Please read.



### Foliar Application:

#### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:** (Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

#### Cotton

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry, Melon, Watermelon**

**Olive, Hazelnut, Pistachio**

**Vineyard, Kiwi, Avocado**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

### Soil Application:

Drip irrigation 40-60 L/ha, Flood irrigation 50-70 L/ha, Sprinkler irrigation 3-5 L/ha. It is repeated 3-5 times.

### Dose

: 150-200 cc/100 L water

: 150-200 cc/100 L water

: 125-200 cc/100 L water

: 125-250 cc/100 L water

: 150-200 cc/100 L water

: 150-250 cc/100 L water

: 200-250 cc/100 L water

: 150-250 cc/100 L water

: 150-225 cc/100 L water

: 150-200 cc/100 L water

: 150-250 cc/100 L water

: 150-200 cc/100 L water

: 150-200 cc/100 L water

: 100-200 cc/100 L water

### Number of app.

3-5

2-3

2-3

2-4

1-3

1-3

2-3

1-3

2-4

1-3

1-3

1-2

2-3

1-3

### Effect on Plant:

\* It is much faster and more effective than vegetal amino acids. \* It provides long-term and lasting efficiency thanks to the peptides in its content. \* Thanks to its very special content (proline, glycine, lysine, hydroxyproline, which are the most effective amino acids), it provides effective results in a short time. \* It eliminates the negative effects (stress) of variable environmental conditions on the plant. It provides more resistant and healthier plant growth. \* It promotes proper nutrition by increasing uptake (absorption) of other applied chemicals and organic plant nutrition products by the plants. \* It promotes the most suitable conditions for cultivation by stimulating useful microbial viability for the plant. \* It helps the plant to be young and active by providing the vegetative and generative parts of the plant to work in optimum conditions. \* It enables the fruits to ripen at the intended time, it positively contributes to the increase in the amount of fructose and also increases the brix rate in the fruits. \* It contributes to your economy by showing maximum effect at minimum doses. \* It has a Spreader - Adhesive (Adjuvant) feature. \* It can be used by mixing pesticides, foliar fertilizers and spreader-adhesives.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended on windy, frost days and rainy days. Application should be done in the morning or in the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. **It is recommended to use fertilizer by doing leaf and / or soil analysis.**

**Shake it before use**



Packaging: 1L x 20, 5L x 4, 10L x 2, 20L

**About the Product:** OLA af 85, is an liquid Organic Fertilizer with Amino Acid produced by decomposition of vegetal proteins with enzymes, strengthened with high organic matter and specific chelators, containing 12.0 (w/v %) Free Amino Acid, 54.0 (w/v %) Organic Matter, 21.6 (w/v %) Organic Carbon, 3.6 (w/v %) Organic Nitrogen and 4.2 (w/v %) Potassium Oxide (K<sub>2</sub>O).

### GUARANTEED CONTENT: (w/v)

Free Amino Acids	12.50	Water soluble Potassium Oxide (K <sub>2</sub> O)	3.75
Organic Carbon (Humic-Fulvic Acids)	22.50	Density (d) gr/ml	1.25
Organic Matter	56.25	pH (22 °C 1/10)	5-7
Total Nitrogen (Organic Nitrogen)	3.75		

### APPLICATION RECOMMENDATIONS



suitable for foliar application by drone



suitable for foliar use



suitable for soil use



suitable for multiple mix



For detailed information QR Barcode Please read.



Packaging: 1L x 20, 5L x 4, 10L x 2, 20L

### Foliar Application:

#### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:** (Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

#### Cotton

**Sugar beet, Carrot, Onion, Potato, Garlic**

#### Banana

**Strawberry, Melon, Watermelon**

**Olive, Hazelnut, Pistachio**

**Vineyard, Kiwi, Avocado**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

#### Oil Plants

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

### Soil Application:

Drip irrigation 20-30 L/ha, Flood irrigation 30-50 L/ha, Sprinkler irrigation 3-4 L/ha. It is repeated 3-5 times.

### Effect on Plant:

OLA af 85; is a liquid organic fertilizer that contains high Free Amino Acids and Organic Carbon. In foliar applications, rapid development is observed in the plant as it will give the plant additional energy. Flowering and fruit set become homogeneous. It allows the plant to be less affected by stress conditions and to tolerate these conditions more quickly. Thanks to its strong chelator effect, it increases the intake of other pesticides and fertilizers used together from both leaves and soil. When applied to soil, it accelerates the increase in microbial activities and the decomposition of organic matter. As the soil's aeration and water holding capacity will increase, an extraordinary growth effect is seen at the root ends of the capillary roots. It exposes the plant nutrients bound in the soil and makes it useful for plants. It lowers salinity, improves the structure of the soil.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended on windy, frost days and rainy days. Application should be done in the morning or in the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. **It is recommended to use fertilizer by doing leaf and / or soil analysis.**

**Shake it before use**

# VIMA E90

## Plant Based Aminoacid Containing Liquid Organic Fertilizer

**About the Product:** Vima E90, is Liquid Amino Acidic Organic Fertilizer Solution containing 36.40 (w/v%) Total Organic Matter, 7.80 (w/v%) Free Amino Acids, 22.10 (w/v%) Organic Carbon, 3.38 (w/v%) Organic Nitrogen, 3.60 (w/v%) Water Soluble Potassium Oxide (K<sub>2</sub>O).

### GUARANTEED CONTENT: (w/v)

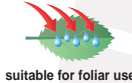
Total Organic Matter	36.40	Potassium Oxide (K <sub>2</sub> O)	3.60
Free Amino Acids	7.80	Special Molecules	13.00
Organic Carbon	22.10	Density (d) gr/ml	1.30
Organic Nitrogen	3.38	pH (22 °C 1/10)	4-6

Raw Materials Used in Production: Vegetable Sources

### APPLICATION RECOMMENDATIONS



suitable for foliar application by drone



suitable for foliar use



suitable for soil use



suitable for multiple mix



For detailed information QR Barcode Please read



### Foliar Application:

**Greenhouse and Open Field Vegetables**

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:** (Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

**Cotton**

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry, Melon, Watermelon**

**Olive, Hazelnut, Pistachio**

**Vineyard, Kiwi, Avocado**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

### Soil Application:

Drip irrigation 20-30 L/ha, Flood irrigation 30-50 L/ha, Sprinkler irrigation 3-4 L/ha. It is repeated 3-5 times.

### Effect on Plant:

**ROOTING:** Unique root formation by increasing the cell division of hairy roots in applications during the seedling-sapling period. **CHELATION;** High free Amino Acid content, high effect on the absorption of other products used together by the plant both from the roots and leaves. **ENERGY:** As it will provide additional energy during rooting-flowering, fruit-binding and fruit growing periods when the plant needs the most energy, it prevents the plants from getting stressed and stimulates natural hormones. Therefore, plants continue their normal functions. In other words, there is no negativity in efficiency and quality, since it will spend its energy for its normal vital functions. **SOIL STRUCTURE:** It contains high organic matter. Positive impact on increasing the organic matter amount of the soils poor in organic matter, bacterial activities in the soil, intake of plant nutrients in the soil that cannot be taken by the plant. **PERFORMANCE:** An important contribution to the decomposition of organic material in the soil, to increase the activities of microorganisms, to the intake of plant nutrients (microelements), which are present in the soil but cannot be taken, especially by the plant. **EFFECT FROM THE LEAF:** It plays an active role in protein synthesis. It contributes positively to flowering, fruit set and fruit growth. It stimulates the natural hormones in the plant. It contributes to the increase in sugar and vitamin level in fruits. Increase in the absorption of the plant nutrients and pesticides from the leaves when applied together.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended on windy, frost days and rainy days. Application should be done in the morning or in the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. **It is recommended to use fertilizer by doing leaf and / or soil analysis.**

Packaging: 1L x 20, 5L x 4, 20L

www.makrotarim.com.tr

Shake it before use

**About the Product:** boralex double; Organomineral fertilizer in special liquid form, enriched with trace elements, containing 31.75 (w/v %) Organic matter, 5.70 (w/v %) Nitrogen (N), 5.70 (w/v %) Phosphorus (P<sub>2</sub>O<sub>5</sub>), 5.70 (w/v %) Potassium Oxide (K<sub>2</sub>O) 12.70 (w/v %) Free Amino Acid.

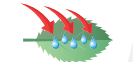
### GUARANTEED CONTENT: (w/v)

Organic Matter	31.75	Free Amino Acids	12.70
Nitrogen (N)	5.70	Total of Trace Elements	0.05
Water Soluble Phosphorus Pentaoxide (P <sub>2</sub> O <sub>5</sub> )	5.70	Density (d) gr/ml	1.27
Water Soluble Potassium Oxide (K <sub>2</sub> O)	5.70	pH (22 °C 1/10)	4-6

### APPLICATION RECOMMENDATIONS



suitable for foliar  
application by drone



suitable for foliar use



suitable for soil use



suitable for multiple  
mix



For detailed  
information QR Barcode  
Please read



Packaging: 1L x 20, 5L x 4, 20L

<b>Greenhouse and Open Field Vegetables</b>	: 75-150 cc/100 L water	3-5
<b>Fruit Trees</b> (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)	: 100-150 cc/100 L water	3-4
<b>Farm plants:</b> (Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)	: 100-150 cc/100 L water	2-4
<b>Cotton</b>	: 100-150 cc/100 L water	2-4
<b>Sugar beet, Carrot, Onion, Potato, Garlic</b>	: 100-150 cc/100 L water	2-4
<b>Banana</b>	: 150-250 cc/100 L water	3-4
<b>Strawberry, Melon, Watermelon</b>	: 125-200 cc/100 L water	2-4
<b>Olive, Hazelnut, Pistachio</b>	: 100-200 cc/100 L water	2-3
<b>Vineyard, Kiwi, Avocado</b>	: 125-200 cc/100 L water	3-5
<b>Citrus</b> (Lemon, Tangerine, Orange, Grapefruit etc.)	: 100-200 cc/100 L water	2-3
<b>Oil Plants</b>	: 100-200 cc/100 L water	1-3
<b>Pomegranate</b>	: 100-200 cc/100 L water	1-3
<b>Cut Flower</b> (Gerbera, carnation, rose)	: 75-125 cc/100 L water	1-3
<b>Greenery Group</b>	: 75-125 cc/100 L water	1-3

### Soil Application:

Drip Irrigation 5-20 L/ha, Flood irrigation 10-15 L/ha, Sprinkler irrigation 2-3 L/ha. It is repeated 3-5 times.

### Effect on Plant:

\* It is an organomineral product that can be applied both from soil and leaves, can be easily taken by the plant and can be used safely at every stage of production (rooting, flowering, fruit binding and fruit growth). \* boralex Double has an impact on the removal of irregularities in plant development in adverse climatic conditions, strong root formation due to phosphorus in the content, flowering and fruit set. \* Increasing dense plant texture and fruit quality due to potassium, \* It provides strong vegetative parts formation due to nitrogen. \* Thanks to the amino acids in its composition, it has a chelator effect on the uptake of other plant nutrients by the plant in multiple applications. \* It provides homogenous development in plants whose vegetative development is slow and irregular. \* It contributes to the active development of the plant in adverse climatic conditions (extreme hot-cold, salinity, etc.). \* It minimizes the risks that may occur in the plant as a result of wrong agricultural practice. \* It is also effective in increasing the amount of organic matter and microorganism activities in soil applications

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended on windy, frost days and rainy days. Application should be done in the morning or in the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. **It is recommended to use fertilizer by doing leaf and / or soil analysis.**

**Shake it before use**

# PotAmino KST

## Potassium, magnesium, sulfur, and Amino Acid Containing Suspended (Gel) Organomineral Fertilizer

**About the Product:** PotAmino KST, is an organomineral fertilizer with NK, containing (w/w%) 2.5 Free Amino Acids and microelements, (w/w%) 20.0 Organic Matter, (w/w%) 4.5 Nitrogen (N), (w/w%) 17.5 Potassium Oxide (K<sub>2</sub>O), (w/w%) 6.2 Sulfur Trioxide (SO<sub>3</sub>), (w/w%) 2.0 Magnesium Oxide (MgO).

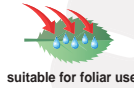
### GUARANTEED CONTENT: (w/w)

Organic Matter	20.00	Sulfur Trioxide (SO <sub>3</sub> )	6.20
Nitrogen (N)	4.50	Magnesium Oxide (MgO)	2.00
Potassium Oxide (K <sub>2</sub> O)	17.50	Microelements Total (Fe, Mn, Zn)	0.30
Free Amino Acids	2.50	pH (22 0C 1/10)	3-5

### APPLICATION RECOMMENDATIONS



suitable for foliar application by drone



suitable for foliar use



suitable for soil use



suitable for multiple mix



For detailed information QR Barcode Please read.

<b>Greenhouse and Open Field Vegetables</b>	: 200-300 cc/100 L water	4-5
<b>Fruit Trees</b> (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)	: 200-300 cc/100 L water	2-4
<b>Farm plants:</b> (Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)	: 200-300 cc/100 L water	3-4
<b>Cotton</b>	: 250-350 cc/100 L water	2-4
<b>Sugar beet, Carrot, Onion, Potato, Garlic</b>	: 250-350 cc/100 L water	2-4
<b>Banana</b>	: 250-300 cc/100 L water	2-3
<b>Strawberry, Melon, Watermelon</b>	: 200-300 cc/100 L water	2-4
<b>Olive, Hazelnut, Pistachio</b>	: 200-300 cc/100 L water	2-3
<b>Vineyard, Kiwi, Avocado</b>	: 200-350 cc/100 L water	2-3
<b>Citrus</b> (Lemon, Tangerine, Orange, Grapefruit etc.)	: 200-300 cc/100 L water	2-3
<b>Oil Plants</b>	: 200-300 cc/100 L water	1-2
<b>Pomegranate</b>	: 200-300 cc/100 L water	1-3
<b>Cut Flower</b> (Gerbera, carnation, rose)	: 200-250 cc/100 L water	1-3
<b>Greenery Group</b>	: 150-250 cc/100 L water	1-3

### Soil Application:

Drip Irrigation 20-35 L/ha, Flood irrigation 30-50 L/ha, Sprinkler irrigation 3-5 L/ha. It is repeated 3-5 times.

### Effect on Plant:

\* PotAmino KST highly enhances the absorption of other plant nutrients by plants, owing to content of high Potassium (K<sub>2</sub>O), Organic Matter, Sulphur, Magnesium and particularly Amino Acids in the content. \* This product has a direct effect on the color, size and thickness of the fruits. It contributes to the formation of more vibrant and appealing fruit. It increases the transportation and shelf life of fruits and prevents the formation of amorphous fruit. \* Thanks to its rich content, it can be applied to all agricultural products with color problems.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended on windy, frost days and rainy days. Application should be done in the morning or in the evening. Store the product in a sheltered place (at a temperature of 5-35 ° C) away from children and pets. **It is recommended to use fertilizer by doing leaf and / or soil analysis.**



Packaging: 10kg x 2, 20kg

Shake it before use

### About product:

**KoverForm;** 11.5% (w/v) Organic matter (OM), 5.75% (w/v) Organic carbon (OC), 5.75% (w/v) Phosphorus penta oxide (P<sub>2</sub>O<sub>5</sub>), 3.45% (w/v) It is a NP liquid organomineral fertilizer containing nitrogen (N). In plant production, this plant is recommended and used to eliminate deficiencies caused by nutritional elements.

### GUARANTEED CONTENT: (w/v)

			(w/v)
Organic Matter	11.50	Total Nitrogen(N)	3.45
Organic Carbon	5.75	Water Soluble Phosphorus Pentaoxide (P <sub>2</sub> O <sub>5</sub> )	5.75
Organic Nitrogen	0.74	Density (d)	1.14 g/ml

### APPLICATION RECOMMENDATIONS



suitable for soil use



partially suitable  
for foliar use



suitable for multiple  
mix



Detaylı Bilgi İçin  
QR barkodu  
okutunuz.

**From drip irrigation:** 300-500 ml/ha / **For Drip Irrigation:** 300-500 ml/ha

**For foliar application;** Please contact technical service or the dealer from whom you purchased the product.

### Effect on Plant:

- \*KoverForm; It is an excellent formulation containing organic matter and phosphorus;
- \*It contributes positively to rooting, flowering and homogeneous fruit set in the plants it is applied to.
- \*Helps eliminate phosphorus deficiency that may occur in plants.
- \*It increases the amount of organic matter in the soil and contributes positively to the acceleration of microorganism activities.
- \*It has a positive effect on quality pollen formation as it will provide more vibrant and healthy flower formation.
- \*KoverForm; It is recommended to apply from the soil (without drip irrigation).

**REMINDER:** This product is recommended for soil application. The dose adjusted according to the crop to be used is diluted with the necessary amount of water and injected into the irrigation system for soil application. Although it can be mixed with other fertilizers and chemicals, always conduct a preliminary test before mixing. During application, nothing should be eaten or drunk, care should be taken to avoid contact with the skin, and if contact occurs, it should be washed thoroughly with plenty of clean water. Application is not recommended on days with the risk of frost or during rainy weather. Application should be done in the morning or evening. Store the product in a cool place away from children and pets (at temperatures between 5-35°C). **It is recommended to have leaf and/or soil analysis done before using fertilizer.**

**Shake it before use**

Packaging: 0,5L x 40, 1L x 20, 5L x 4, 20L



We **care about** agriculture  
because human **nutrition**  
is **important.**

**About the Product:** MOL is a homogenized liquid double filtered organic fertilizer containing 31.75 (w/v %) Organic Matter, 22.85 (w/v %) Organic Carbon, 2.55 (w/v %) Organic Nitrogen, 3.17 (w/v %) Water Soluble Potassium Oxide(K<sub>2</sub>O). The lands on which it is produced starts to show tiredness over time due to reasons such as intensive agricultural production, unsuitable soil structure, excessive irrigation or fertilization etc. It is an extremely effective product that we can use in the rehabilitation of the tired soils and in meeting the organic matter needs of the soil.

## GUARANTEED CONTENT: (w/v)

Organic Matter	31,75	Water Soluble Potassium Oxide (K <sub>2</sub> O)	3.175
Organic Carbon	22,85	Density (d) gr/ml	1.27
Total Nitrogen(Organic Nitrogen)	2.55	pH (22 °C 1/10)	4-6
Total Mg+Fe+Mn+Zn+B	1.25>		

## APPLICATION RECOMMENDATIONS



suitable for foliar application by drone



suitable for foliar use



suitable for soil use



suitable for multiple mix



For detailed information QR Barcode Please read.



### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

### Cotton

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry, Melon, Watermelon**

**Olive, Hazelnut, Pistachio**

**Vineyard, Kiwi, Avocado**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

### Soil Application:

Drip Irrigation 10-20 L/ha, Flood irrigation 15-25 L/ha, Sprinkler irrigation 3-6 L/ha. It is repeated 3-5 times.

### Effect On The Plant:

**When this product is applied to the soil;** it has an effect to increase the water holding capacity of the soil. It promotes the uptake of Nitrogen (N), Phosphorus (P), and Potassium (K<sub>2</sub>O), accelerates microorganism activities, contributes positively to the absorption of micro elements such as Iron, Manganese, Zinc, Copper by the plant. It makes phosphorus bound in soil useful, lowers salinity and improves soil structure. Thus, it demonstrates a perfect impact on rooting as optimal conditions will be provided for root development in the soil. When this product with micro molecule structure is applied from the leaf; protein synthesis in leaves accelerates, it triggers chlorophyll formation and photosynthesis, accelerates respiration in the plant, provides quality, earliness, color and aroma increase in the product. Mole provides savings in use of other fertilizers. Because it helps the transport of the plant to the organs needed for development (chelating effect) by promoting the uptake of plant nutrients, It also provides the advantages of animal manure to the soil it is applied to.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended on windy, frost days and rainy days. Application should be done in the morning or in the evening. Store the product in a sheltered place (at a temperature of 5-35 ° C) away from children and pets. **It is recommended to use fertilizer by doing leaf and / or soil analysis.**

**Shake it before use**

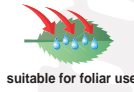
Packaging: 1L x 20, 5L x 4, 20L

**About the Product:** toromol, is a liquid plant - based organic fertilizer that is rapidly dispersed in water, containing high quality Organic matter and Organic Carbon (OC/HF). High organic matter content is extremely effective on root development as it will increase the utilization volume of plant roots in the soil. It accelerates the microorganism activity in the soil. It promotes easier uptake of plant nutrients such as Nitrogen, Phosphorus, Potassium, Iron, Zinc and Manganese by the plant. It increases the water holding and aeration capacity of the soil.

### GUARANTEED CONTENT: (w/v)

Organic Matter	50.80	Water Soluble Potassium Oxide (K <sub>2</sub> O)	5.70
Organic Carbon	24.13	Density (d) gr/ml	1.27
Total Nitrogen	3.18	pH (22 °C 1/10)	4-6

### APPLICATION RECOMMENDATIONS



#### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

**Cotton**

**Sugar beet, Carrot, Onion, Potato, Garlic**

**Banana**

**Strawberry, Melon, Watermelon**

**Olive, Hazelnut, Pistachio**

**Vineyard, Kiwi, Avocado**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

**Oil Plants**

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

**Soil Application:**

Drip Irrigation 10-20 L/ha, Flood irrigation 15-25 L/ha, Sprinkler irrigation 3-6 L/ha. It is repeated 3-5 times.

: 150-200 cc/100 L water 4-5

: 150-200 cc/100 L water 2-4

: 250-350 cc/100 L water 3-4

: 250-350 cc/100 L water 2-4

: 250-300 cc/100 L water 2-4

: 200-250 cc/100 L water 2-3

: 150-200 cc/100 L water 2-4

: 200-300 cc/100 L water 2-3

: 200-300 cc/100 L water 2-3

: 150-250 cc/100 L water 2-3

: 300-400 cc/100 L water 1-2

: 200-350 cc/100 L water 1-3

: 150-250 cc/100 L water 1-3

: 150-200 cc/100 L water 1-3

### Effect On The Plant:

When this product is applied to the soil, it has an effect to increase the water holding capacity of the soil. It promotes the uptake of NPK, accelerates microorganism activities, and contributes positively to the absorption of micro elements such as Iron, Manganese, Zinc and Copper by the plant. It makes phosphorus bound in soil useful, lowers salinity and improves soil structure. Thus, it demonstrates a perfect impact on rooting as optimal conditions will be provided for root development in the soil. When this product with micro molecule structure is applied from the leaf; protein synthesis in leaves accelerates, it triggers chlorophyll formation and photosynthesis, accelerates respiration in the plant, provides quality, earliness, color and aroma increase in the product.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended on windy, frost days and rainy days. Application should be done in the morning or in the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. **It is recommended to use fertilizer by doing leaf and / or soil analysis.**

**Shake it before use**

**About Product:** **BioMolex**, BioMolex is a liquid plant based organic fertilizer containing 52.0 (w/v %) Organic Matter, 24.0 (w/v %) Organic Carbon (HF), 3.25 (w/v %) Organic Nitrogen, 6.5 (w/v %) Potassium Oxide(K<sub>2</sub>O). It is an extremely effective product in the improvement of the tired soils caused by intense agricultural activities and increasing the amount of organic matter and accelerating the microbial activity of the soil.

### GUARANTEED CONTENT: (w/v)

Total Organic Matter	52.00	Water Soluble Potassium Oxide (K <sub>2</sub> O)	6.50
Organic Carbon	24.00	Density (d) gr/ml	1.30
Total Organic Nitrogen	3.25	pH (22 °C 1/10)	4-6

### APPLICATION RECOMMENDATIONS



suitable for foliar application by drone



suitable for foliar use



suitable for soil use



suitable for multiple mix



For detailed information QR Barcode Please read.



<b>Greenhouse and Open Field Vegetables</b>	: 150-200 cc/100 L water	4-5
<b>Fruit Trees</b> (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)	: 150-200 cc/100 L water	2-4
<b>Farm plants:</b> (Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)	: 250-350 cc/100 L water	3-4
<b>Cotton</b>	: 250-350 cc/100 L water	2-4
<b>Sugar beet, Carrot, Onion, Potato, Garlic</b>	: 250-300 cc/100 L water	2-4
<b>Banana</b>	: 200-250 cc/100 L water	2-3
<b>Strawberry, Melon, Watermelon</b>	: 150-200 cc/100 L water	2-4
<b>Olive, Hazelnut, Pistachio</b>	: 200-300 cc/100 L water	2-3
<b>Vineyard, Kiwi, Avocado</b>	: 200-300 cc/100 L water	2-3
<b>Citrus</b> (Lemon, Tangerine, Orange, Grapefruit etc.)	: 150-250 cc/100 L water	2-3
<b>Oil Plants</b>	: 300-400 cc/100 L water	1-2
<b>Pomegranate</b>	: 200-350 cc/100 L water	1-3
<b>Cut Flower</b> (Gerbera, carnation, rose)	: 150-250 cc/100 L water	1-3
<b>Greenery Group</b>	: 150-200 cc/100 L water	1-3
<b>Soil Application:</b>		
Drip Irrigation 10-20 L/ha, Flood irrigation 15-25 L/ha, Sprinkler irrigation 3-6 L/ha. It is repeated 3-5 times.		

### Effect on Plant:

**Biomolex;** Biomolex is a highly effective product on water holding capacity and aeration with high organic matter and organic carbon, increasing the microorganism activities of the soil it is applied on. Moreover, it contributes positively to the better absorption of Nitrogen, Phosphorus, Potassium and Microelements by the roots. It makes useless Phosphorus in the soil useful. It lowers salinity, improves soil structure and ultimately provides excellent root development. When applied from the leaf, it increases chlorophyll formation and photosynthesis. It accelerates respiration in the plant, earliness, color, aroma and quality increase in the product. It improves the soils that get tired due to intense agricultural activity.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended on windy, frost days and rainy days. Application should be done in the morning or in the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. **It is recommended to use fertilizer by doing leaf and / or soil analysis.**

**Shake it before use**

Packaging: 1L x 20, 5L x 4, 20L

# Root-Soil

## Plant Based Organic Carbon Containing Liquid Organic Fertilizer

**About the Product:** Root-Soil, is a liquid plant based organic fertilizer containing 44.45 (w/v %) Organic Matter, 22.85 (w/v %) Organic Carbon (HF), 3.18 (w/v %) Total Nitrogen, 6.35 (w/v %) Potassium Oxide(K<sub>2</sub>O). It is an extremely effective product in the improvement of the tired soils caused by intense agricultural activities and increasing the amount of organic matter and accelerating the microbial activity of the soil.

### GUARANTEED CONTENT: (w/v)

Total Organic Matter	44.45	Water Soluble Potassium Oxide (K <sub>2</sub> O)	6.35
Total Organic Carbon	22.85	Density (d) gr/ml	1.27
Total Nitrogen	3.18	pH (22 °C 1/10)	4-6

### APPLICATION RECOMMENDATIONS



suitable for foliar application by drone



suitable for foliar use



suitable for soil use



suitable for multiple mix



For detailed information QR Barcode Please read.



Packaging: 1L x 20, 5L x 4, 20L

#### Greenhouse and Open Field Vegetables

: 150-200 cc/100 L water 4-5

#### Fruit Trees (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

: 150-200 cc/100 L water 2-4

#### Farm plants:(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

: 250-350 cc/100 L water 3-4

#### Cotton

: 250-350 cc/100 L water 2-4

#### Sugar beet, Carrot, Onion, Potato, Garlic

: 250-300 cc/100 L water 2-4

#### Banana

: 200-250 cc/100 L water 2-3

#### Strawberry, Melon, Watermelon

: 150-200 cc/100 L water 2-4

#### Olive, Hazelnut, Pistachio

: 200-300 cc/100 L water 2-3

#### Vineyard, Kiwi, Avocado

: 200-300 cc/100 L water 2-3

#### Citrus (Lemon, Tangerine, Orange, Grapefruit etc.)

: 150-250 cc/100 L water 2-3

#### Oil Plants

: 300-400 cc/100 L water 1-2

#### Pomegranate

: 200-350 cc/100 L water 1-3

#### Cut Flower (Gerbera, carnation, rose)

: 150-250 cc/100 L water 1-3

#### Greenery Group

: 150-200 cc/100 L water 1-3

#### Soil Application:

Drip Irrigation 10-20 L/ha, Flood irrigation 15-25 L/ha, Sprinkler irrigation 3-6 L/ha. It is repeated 3-5 times.

#### Effect on Plant:

**Root-Soil;** is a highly effective product on water holding capacity and aeration with high organic matter and organic carbon, increasing the microorganism activities of the soil it is applied on. Moreover, it contributes positively to the better absorption of Nitrogen, Phosphorus, Potassium and Microelements by the roots. It makes useless Phosphorus in the soil useful. It lowers salinity, improves soil structure and ultimately provides excellent root development. When applied from the leaf, it increases chlorophyll formation and photosynthesis. It accelerates respiration in the plant, earliness, color, aroma and quality increase in the product. It improves the soils that get tired due to intense agricultural activity.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended on windy, frost days and rainy days. Application should be done in the morning or in the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. **It is recommended to use fertilizer by doing leaf and / or soil analysis.**

**Shake it before use**

**About the Product:** Lombio, is a Leonardite-sourced liquid product containing Humic and Fulvic Acid, 14.0 (w/v %) Humic + Fulvic Acid, 12.65 (w/v %) Organic Matter and 6.32 (w/v %) Water Soluble Potassium Oxide (K<sub>2</sub>O). In addition to increasing the uptake of the plant nutrients by making these elements attached to the soil and not useful for the plant useful, it improves the soil structure, it increases the plant's resistance and tolerance to the adverse conditions (frost, drought, salinity, wrong pesticide application and agricultural activity. etc.) by increasing water holding capacity, aeration and microbial activities. It also increases the amount of organic matter in the soil. By converting iron (Fe) into a receivable form, it enables the plant to benefit more from iron (Fe). As CEC (cation exchange capacity) is high, it contributes to the uptake of fertilizers at high rates when used with fertilizers.

### GUARANTEED CONTENT: (w/v)

Total Organic Matter	12.65	Density (d) gr/ml	1.15
Total Humic + Fulvic Acid	14.00	pH (22 °C 1/10)	11-13
Total Potassium Oxide (K <sub>2</sub> O)	6.32		

### APPLICATION RECOMMENDATIONS



suitable for soil use



suitable for leaf use



suitable for multiple mix



For detailed information QR Barcode Please read



<b>Greenhouse and Open Field Vegetables</b>	: 150-200 cc/100 L water	4-5
<b>Fruit Trees</b> (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)	: 150-200 cc/100 L water	2-4
<b>Farm plants:</b> (Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)	: 250-350 cc/100 L water	3-4
<b>Cotton</b>	: 250-350 cc/100 L water	2-4
<b>Sugar beet, Carrot, Onion, Potato, Garlic</b>	: 250-300 cc/100 L water	2-4
<b>Banana</b>	: 200-250 cc/100 L water	2-3
<b>Strawberry, Melon, Watermelon</b>	: 150-200 cc/100 L water	1-3
<b>Olive, Hazelnut, Pistachio</b>	: 200-300 cc/100 L water	2-3
<b>Vineyard, Kiwi, Avocado</b>	: 200-300 cc/100 L water	2-3
<b>Citrus</b> (Lemon, Tangerine, Orange, Grapefruit etc.)	: 150-250 cc/100 L water	2-3
<b>Oil Plants</b>	: 300-400 cc/100 L water	1-2
<b>Pomegranate</b>	: 200-350 cc/100 L water	1-3
<b>Cut Flower</b> (Gerbera, carnation, rose)	: 150-250 cc/100 L water	1-3
<b>Greenery Group</b>	: 150-200 cc/100 L water	1-3

### Soil Application:

Drip Irrigation 10-20 L/ha, Flood irrigation 25-30 L/ha, Sprinkler irrigation 2.5-5 L/ha. It is repeated 3-5 times.

### Effect on Plant:

**Lombio**; is a good soil regulator for soils that became barren due to very intense agricultural activities in agricultural production. In addition to reducing the salinity that may occur in the soil, it helps to increase the microbial activities that are decreased. Since the water holding capacity and aeration of the soil will increase, it contributes positively to root development. Again, it has a positive effect on the plant's reuse of plant nutrients in the soil that exist in the soil but cannot be utilized by the plant due to intense agricultural activities. As it increases the water holding capacity of the soil, it is effective in minimizing stress conditions that may occur in plants due to drought. It regulates the pH structure of the soil and stimulates enzymes. It accelerates the nutrition by increasing the permeability of the cell membrane in the plant.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended on windy, frost days and rainy days. Application should be done in the morning or in the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. **It is recommended to use fertilizer by doing leaf and / or soil analysis.**

**Shake it before use**

**About the Product: Blacklife;** is a liquid algae solution obtained from Algae named Natural, Ascophyllum nodosum, Sargassum and Laminaria Algae, containing 20.7 (% w/v) Organic Matter, 4.0 (% w/v) Potassium Oxide (K<sub>2</sub>O) and 0.9 (% w/v) Alginate Acid. It can be applied both from leaf and soil. In addition to being a plant nutritional supplement that can be easily taken by the plant, it helps the plants benefit more from other nutrients in applications from the soil.

### GUARANTEED CONTENT: (w/v)

Total Organic Matter	20.7	EC (dS/m) gr/ml	max.30
Water soluble Potassium Oxide (K <sub>2</sub> O)	4.0	Density (d) gr/ml	1,15
Alginate Acid	0.9	pH (22 °C 1/10)	3,3-5,3

### APPLICATION RECOMMENDATIONS



suitable for foliar application by drone



suitable for foliar use



suitable for soil use



suitable for multiple mix



For detailed information QR Barcode Please read.



#### Greenhouse and Open Field Vegetables

: 75-100 cc/100 L water 4-5

#### Fruit Trees (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

: 75-100 cc/100 L water 2-4

#### Farm plants:(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

: 100-125 cc/100 L water 3-4

#### Cotton

: 100-150 cc/100 L water 2-4

#### Sugar beet, Carrot, Onion, Potato, Garlic

: 100-125 cc/100 L water 2-4

#### Banana

: 75-125 cc/100 L water 2-3

#### Strawberry, Melon, Watermelon

: 75-100 cc/100 L water 3-5

#### Olive, Hazelnut, Pistachio

: 75-125 cc/100 L water 2-3

#### Vineyard, Kiwi, Avocado

: 75-125 cc/100 L water 2-3

#### Citrus (Lemon, Tangerine, Orange, Grapefruit etc.)

: 75-125 cc/100 L water 2-3

#### Oil Plants

: 100-150 cc/100 L water 1-2

#### Pomegranate

: 75-125 cc/100 L water 1-3

#### Cut Flower (Gerbera, carnation, rose)

: 75-100 cc/100 L water 1-3

#### Greenery Group

: 75-100 cc/100 L water 1-3

#### Soil Application:

Drip Irrigation 4-6 L/ha, Flood irrigation 5-7.5 L/ha, Sprinkler irrigation 2-3 L/ha. It is repeated 3-5 times.

### Effect On The Plant:

\* Besides being a nutritional supplement that can be applied both from the leaf and from the soil, and can be easily taken by the plant; in applications from soil, it triggers the plants to benefit from the other plant nutrients more. \* It enhances water holding capacity and aeration by affecting the microbial structure of the soil positively. Root development is extremely effective on flowering and branching. \* In addition to its efficiency and quality enhancing effect, it helps the plant to be resistant especially in adverse conditions (drought, risk of frost, excess water, salinity, etc.). \* It is the best product to be used for the injuries such as hail damage, fungal and insect attacks and pruning that may occur in plants and tolerating these injuries quickly. \* It has a germination enhancing effect on seeds with low germination rate. \* In foliar applications, an increase in flowering and fruit set triggers the absorption (chelating effect) of other agricultural products with which it is used. \* It extends the shelf life and transportation resistance of freshly consumed vegetables and fruits.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended on windy, frost days and rainy days. Application should be done in the morning or in the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. **It is recommended to use fertilizer by doing leaf and / or soil analysis.**

**Shake it before use**

**Ürün Hakkında:** se'life Plus; is a natural seaweed-based organic product that is perfectly fluid, strong and rich with high concentrated alginic acid and gibberellic acid, contains 17.70 (w/v%) Organic Matter, 5.90 (w/v%) Potassium Oxide, 1.15 (w/v%) Alginic Acid and 0.23 (w/v%) Gibralelic Acid. It's a highly effective plant activator applied in plant production in such cases where stress conditions are eliminated and plant needs additional energy.

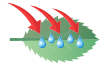
### GUARANTEED CONTENT: (w/v)

Total Organic Matter	17.70	Gibrallic Acid (ppm)	0.23 ppm
Water Soluble Potassium Oxide (K <sub>2</sub> O)	5.90	EC (dS/m) gr/ml	23.00<
Alginic Acid	1.15	pH (22 °C 1/10)	8.5-10.5
		Density (d) gr/ml (22 °C 1/10,±0.05)	1.18

### APPLICATION RECOMMENDATIONS



suitable for foliar application by drone



suitable for foliar use



suitable for soil use



suitable for multiple mix



For detailed information QR Barcode Please read.



#### Greenhouse and Open Field Vegetables

**Fruit Trees** (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

**Farm plants:**(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

#### Cotton

**Sugar beet, Carrot, Onion, Potato, Garlic**

#### Banana

**Strawberry, Melon, Watermelon**

**Olive, Hazelnut, Pistachio**

**Vineyard, Kiwi, Avocado**

**Citrus** (Lemon, Tangerine, Orange, Grapefruit etc.)

#### Oil Plants

**Pomegranate**

**Cut Flower** (Gerbera, carnation, rose)

**Greenery Group**

#### Soil Application:

Drip irrigation 2.5-5 L/ha, Flood irrigation 5-7.5 L/ha, Sprinkler irrigation 2-3 L/ha. It is repeated 3-5 times.

#### Effect on Plant:

\*se'life Plus; Thanks to its carbon dioxide binding feature, it increases capillary root formation by promoting the plant's photosynthesis ability and root development. \* It facilitates the intake of plant nutrients from the soil by regulating physiological actions on the plant, provides the plant to work in both directions. \* se'life Plus encourages cell division and renewal thanks to auxin molecules in its content. \*se'life Plus helps female flower buds and female flowers to be healthier.\*se'life Plus directly affects plant internodes to develop denser. \* Thanks to the special substances in its content, it helps the plant to remain young constantly.\*It is extremely effective in terminating STRESS conditions which are caused by such reasons as frost, hail, extreme heat-cold, salinity, fungal destruction, wrong agricultural application etc. ,and cause highly significant yield losses in plant production. \* It contributes positively to the rapid recovery of injuries that may occur due to different reasons (hail, insect damage, wrong cultural practices, etc.) both in fruits and vegetative parts of the plant. \* It can be used by mixing with pesticides and foliar fertilizers, and increases the effectiveness of these products as well.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended on windy, frost days and rainy days. Application should be done in the morning or in the evening. Store the product in a sheltered place (at a temperature of 5-35 ° C) away from children and pets. **It is recommended to use fertilizer by doing leaf and / or soil analysis.**

**Shake it before use**



we **invest**  
in the future.

**About the product:** makro Crop Plus, is a solid SEAWEED in flake (crystal) form that is obtained from seaweeds named Ascophyllum nodosum, Sargassum and Laminaria grown in oceans, contains 45.0% Organic matter, 5.0%> Alginic Acid, 10.0% Water Soluble Potassium (K<sub>2</sub>O), 300 ppm gibberillic acid, 1.5%> amino acid.

### GUARANTEED CONTENT: (%)

#### Chemical Analysis

Organic Matter	45.0>
Alginic Acid	5.0>
Water soluble Potassium Oxide (K <sub>2</sub> O)	13.0>
Ec (dS/m-max.)	40.0
pH (22 °C 1/10)	8-10

#### Physical Analysis

Appearance	Black, granule (ace/Flake)
Odor	Sea / Sea Scented
Water solubility	% 100 (24 °C/de)
Dry Matter	% 92-95

### APPLICATION RECOMMENDATIONS



suitable for leaf use



suitable for soil use



suitable for multiple mix



For detailed information QR Barcode Please read.

<b>Greenhouse and Open Field Vegetables</b>	: 40-60 gr/da	4-5
<b>Fruit Trees</b> (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)	: 50-60 gr/da	2-4
<b>Farm plants:</b> (Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)	: 60-70 gr/da	3-4
<b>Cotton</b>	: 60-70 gr/da	2-4
<b>Sugar beet, Carrot, Onion, Potato, Garlic</b>	: 60-70 gr/da	2-4
<b>Banana</b>	: 40-60 gr/da	2-3
<b>Strawberry, Melon, Watermelon</b>	: 40-50 gr/da	3-4
<b>Olive, Hazelnut, Pistachio</b>	: 60-70 gr/da	2-3
<b>Vineyard, Kiwi, Avocado</b>	: 50-60 gr/da	2-3
<b>Citrus</b> (Lemon, Tangerine, Orange, Grapefruit etc.)	: 50-60 gr/da	2-3
<b>Oil Plants</b>	: 60-70 gr/da	1-2
<b>Pomegranate</b>	: 50-60 gr/da	1-3
<b>Cut Flower</b> (Gerbera, carnation, rose)	: 40-60 gr/da	1-3
<b>Greenery Group</b>	: 40-60 gr/da	1-3

#### Soil Application:

Drip Irrigation 2-4 kg/ha, Flood irrigation 3-5 kg/ha, Sprinkler irrigation 750-1.5 kg/ha. It is repeated 3-5 times.

#### Effect On The Plant:

- Providing increase in quality, quantity and yield in the product, • Promoting germination and root growth in seeds, • Helping plants become resistant to adverse conditions (drought, frost, extreme cold-temperature, insufficient sun, salinity, etc.) • Contributing to the rapid treatment of injured plants and fruits (fungal destruction, insect damage, hail injuries, etc.), • Extending the shelf life of especially freshly consumed fruits and ornamental plants, • Increasing the resistance of the plant against diseases and damages, • Contributing positively to flowering and flower set, • Minimizes flower and fruit shedding, • Accelerating the absorption of plant nutrients by the plant, both from the leaves and from the soil. • Minimizing the negative effects of agricultural chemicals, especially weed pesticides on cultivated plants, and increasing the effectiveness of the chemical. • Organic-based, solid seaweed in flake structure.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended on windy, frost days and rainy days. Application should be done in the morning or in the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. **It is recommended to use fertilizer by doing leaf and / or soil analysis.**



Packaging: 400 gr x 40, 5 kg x 3, 10 kg x 2, 20 kg

**Do not leave the package open.**

# Ultra Crop

## Organic Source Solid Seaweed (Flake)

**About the product:** Ultra Crop, is a solid SEAWEED in flake (crystal) form that is obtained from seaweeds named Ascophyllum nodosum, Sargassum and Laminaria grown in oceans, contains 40.0% Organic matter, 3.5%> Alginic Acid, 15.0% Water Soluble Potassium (K<sub>2</sub>O), 300 ppm gibberillic acid, 1.5%> amino acid.

### GUARANTEED CONTENT: (%)

Chemical Analysis		Physical Analysis	
Organic Matter	40.0>	Appearance	Black, granule (ace / Flake)
Alginic Acid	3.5>	Odor	Sea / Sea Scented
Water soluble Potassium Oxide (K <sub>2</sub> O)	15.0>	Water solubility	% 100 (24 °C/de)
Ec (dS/m-max.)	36.3	Dry Matter	% 92-95
pH (22 °C 1/10)	8.0-10.0		

### APPLICATION RECOMMENDATIONS



suitable for leaf use



suitable for soil use



suitable for multiple mix

<b>Greenhouse and Open Field Vegetables</b>	: 40-60 gr/da	4-5
<b>Fruit Trees</b> (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)	: 50-60 gr/da	2-4
<b>Farm plants:</b> (Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)	: 60-70 gr/da	3-4
<b>Cotton</b>	: 60-70 gr/da	2-4
<b>Sugar beet, Carrot, Onion, Potato, Garlic</b>	: 60-70 gr/da	2-4
<b>Banana</b>	: 40-60 gr/da	2-3
<b>Strawberry, Melon, Watermelon</b>	: 40-50 gr/da	3-4
<b>Olive, Hazelnut, Pistachio</b>	: 60-70 gr/da	2-3
<b>Vineyard, Kiwi, Avocado</b>	: 50-60 gr/da	2-3
<b>Citrus</b> (Lemon, Tangerine, Orange, Grapefruit etc.)	: 50-60 gr/da	2-3
<b>Oil Plants</b>	: 60-70 gr/da	1-2
<b>Pomegranate</b>	: 50-60 gr/da	1-3
<b>Cut Flower</b> (Gerbera, carnation, rose)	: 40-60 gr/da	1-3
<b>Greenery Group</b>	: 40-60 gr/da	1-3

### Soil Application:

Drip Irrigation 2-4 kg/ha, Flood irrigation 3-5 kg/ha, Sprinkler irrigation 750-1.5 kg/ha. It is repeated 3-5 times.

### Effect On The Plant:

- Providing increase in quality, quantity and yield in the product, • Promoting germination and root growth in seeds, • Helping plants become resistant to adverse conditions (drought, frost, extreme cold-temperature, insufficient sun, salinity, etc.) • Contributing to the rapid treatment of injured plants and fruits (fungal destruction, insect damage, hail injuries, etc.), • Extending the shelf life of especially freshly consumed fruits and ornamental plants, • Increasing the resistance of the plant against diseases and damages, • Contributing positively to flowering and flower set, • Minimizes flower and fruit shedding, • Accelerating the absorption of plant nutrients by the plant, both from the leaves and from the soil. • Minimizing the negative effects of agricultural chemicals, especially weed pesticides on cultivated plants, and increasing the effectiveness of the chemical. • Organic-based, solid seaweed in flake structure.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended on windy, frost days and rainy days. Application should be done in the morning or in the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. **It is recommended to use fertilizer by doing leaf and / or soil analysis.**



For detailed information QR Barcode Please read.



Packaging: 400 gr x 40, 5 kg x 3, 10 kg x 2, 20 kg

www.makrotarım.com.tr

Do not leave the package open.

**About the product:** m'daag, is a solid plant based organic fertilizer containing 90% organic matter, 35%> free amino acid, 15% organic carbon and 5% organic nitrogen. It is an excellent plant nutrient and support product in adverse environmental conditions and cases where the plant needs the most energy (germination, rooting, fruit binding, and fruit growth).

### GUARANTEED CONTENT: (%)

Total Organic Matter	90.0>	Free Amino Acids	35.0>
Organic Nitrogen (N)	5.0>	pH (22 °C 1/10)	3-5
Organic Carbon	15.0>	Maximum Humidity	20.0<

### APPLICATION RECOMMENDATIONS



suitable for leaf use



suitable for soil use



suitable for multiple mix



For detailed information QR Barcode Please read.



Packaging: 400 gr x 40, 2kg x 8, 5kg x 3, 15/20kg

<b>Greenhouse and Open Field Vegetables</b>	: 40-60 gr/da	4-5
<b>Fruit Trees</b> (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)	: 50-60 gr/da	2-4
<b>Farm plants:</b> (Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)	: 60-70 gr/da	3-4
<b>Cotton</b>	: 60-70 gr/da	2-4
<b>Sugar beet, Carrot, Onion, Potato, Garlic</b>	: 60-70 gr/da	2-4
<b>Banana</b>	: 40-60 gr/da	2-3
<b>Strawberry, Melon, Watermelon</b>	: 60-70 gr/da	2-4
<b>Olive, Hazelnut, Pistachio</b>	: 60-70 gr/da	2-3
<b>Vineyard, Kiwi, Avocado</b>	: 50-60 gr/da	2-3
<b>Citrus</b> (Lemon, Tangerine, Orange, Grapefruit etc.)	: 50-60 gr/da	2-3
<b>Oil Plants</b>	: 60-70 gr/da	1-2
<b>Pomegranate</b>	: 50-60 gr/da	1-3
<b>Cut Flower</b> (Gerbera, carnation, rose)	: 40-60 gr/da	1-3
<b>Greenery Group</b>	: 40-60 gr/da	1-3

### Soil Application:

Drip irrigation 1.5-2 kg/ha, Flood irrigation 3-5 kg/ha, Sprinkler irrigation 750-1.5 kg/ha. It is repeated 3-5 times.

### Effect On The Plant:

It can be applied both from leaf and soil. It is an excellent support product that activates the unfavorable phosphorus and other plant nutrients and activates the production of enzymes in soil applications. It contributes significantly to the decomposition of organic matter in the soil and increase of microbial activities. It enables balanced and regular nutrition of the plants by increasing the nutrient absorption from the soil. By increasing the root volume of the plant, it improves the rooting power of seeds and good rooting. In foliar applications, it strengthens the plant's natural immune system against adverse environmental conditions. It helps increase in flowering, fruit formation, equal size in fruit diameter, and increase in yield. When applied together with other plant nutrients, it increases the effectiveness of these products as well.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended on windy, frost days and rainy days. Application should be done in the morning or in the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. **It is recommended to use fertilizer by doing leaf and / or soil analysis.**

**Do not leave the package open.**

# ultra amino

## Plant Based Aminoacid Containing Powder / Solid Organic Fertilizer

**About the product:** ultra amino, is a solid plant based organic fertilizer containing 90% organic matter, 40% free amino acid, 10% organic carbon and 3% organic nitrogen. It is an excellent plant nutrient and support product in adverse environmental conditions and cases where the plant needs the most energy (germination, rooting, fruit binding, and fruit growth).

### GUARANTEED CONTENT: (%)

Total Organic Matter	90.0>	Free Amino Acids	40.0>
Organic Nitrogen (N)	3.0>	pH (22 °C 1/10)	3-5
Organic Carbon	10.0>	Maximum Humidity	20.0<

### APPLICATION RECOMMENDATIONS



suitable for leaf use



suitable for soil use



suitable for multiple mix



For detailed information QR Barcod Please read.



Packaging: 400 gr x 40, 2kg x 8, 5kg x 3, 15/20kg

<b>Greenhouse and Open Field Vegetables</b>	: 40-60 gr/da	4-5
<b>Fruit Trees</b> (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)	: 50-60 gr/da	2-4
<b>Farm plants:</b> (Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)	: 60-70 gr/da	3-4
<b>Cotton</b>	: 60-70 gr/da	2-4
<b>Sugar beet, Carrot, Onion, Potato, Garlic</b>	: 60-70 gr/da	2-4
<b>Banana</b>	: 40-60 gr/da	2-3
<b>Strawberry, Melon, Watermelon</b>	: 60-70 gr/da	2-4
<b>Olive, Hazelnut, Pistachio</b>	: 60-70 gr/da	2-3
<b>Vineyard, Kiwi, Avocado</b>	: 50-60 gr/da	2-3
<b>Citrus</b> (Lemon, Tangerine, Orange, Grapefruit etc.)	: 50-60 gr/da	2-3
<b>Oil Plants</b>	: 60-70 gr/da	1-2
<b>Pomegranate</b>	: 50-60 gr/da	1-3
<b>Cut Flower</b> (Gerbera, carnation, rose)	: 40-60 gr/da	1-3
<b>Greenery Group</b>	: 40-60 gr/da	1-3

### Soil Application:

Drip Irrigation 1.5-2 kg/ha, Flood irrigation 3-5 kg/ha, Sprinkler irrigation 750-1.5 kg/ha. It is repeated 3-5 times.

### Effect On The Plant:

It can be applied both from leaf and soil. It is an excellent support product that activates the unfavorable phosphorus and other plant nutrients and activates the production of enzymes in soil applications. It contributes significantly to the decomposition of organic matter in the soil and increase of microbial activities. It enables balanced and regular nutrition of the plants by increasing the nutrient absorption from the soil. By increasing the root volume of the plant, it improves the rooting power of seeds and good rooting. In foliar applications, it strengthens the plant's natural immune system against adverse environmental conditions. It helps increase in flowering, fruit formation, equal size in fruit diameter, and increase in yield. When applied together with other plant nutrients, it increases the effectiveness of these products as well.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended on windy, frost days and rainy days. Application should be done in the morning or in the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. **It is recommended to use fertilizer by doing leaf and / or soil analysis.**

**Do not leave the package open.**

# strong-K

## Potassium Humate Solid Humic-Fulvic Acid

**About the product:** Strong-K, is a special product which contains Humic-Fulvic acid, is produced as a result of the decomposition and compression of plant residues in the soil and produced by putting raw material named leonardite through some chemical processes. Strong-K; 40.0% Organic Matter, 65.0%> Humic-Fulvic Acid and 9.0% Potassium Oxide (K<sub>2</sub>O).

### GUARANTEED CONTENT: (%)

Organic Matter	40.0>	Maximum Humidity	20.0<
Total Humic-Fulvic Acid	65.0>	pH (22 °C 1/10)	9-11
Water soluble Potassium Oxide (K <sub>2</sub> O)	10.0>		

### APPLICATION RECOMMENDATIONS



suitable for leaf use



Suitable for soil use



suitable for multiple mix



For detailed  
information QR Barcode  
Please read.



<b>Greenhouse and Open Field Vegetables</b>	: 100-150 gr/da	4-5
<b>Fruit Trees</b> (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)	: 100-150 gr/da	2-4
<b>Farm plants:</b> (Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)	: 60-80 gr/da	3-4
<b>Cotton</b>	: 40-40 gr/da	2-4
<b>Sugar beet, Carrot, Onion, Potato, Garlic</b>	: 80-100 gr/da	2-4
<b>Banana</b>	: 100-150 gr/da	2-3
<b>Strawberry, Melon, Watermelon</b>	: 100-150 gr/da	2-4
<b>Olive, Hazelnut, Pistachio</b>	: 100-150 gr/da	1-3
<b>Vineyard, Kiwi, Avocado</b>	: 60-80 gr/da	1-3
<b>Citrus</b> (Lemon, Tangerine, Orange, Grapefruit etc.)	: 100-150 gr/da	1-3
<b>Oil Plants</b>	: 60-80 gr/da	1-3
<b>Pomegranate</b>	: 100-150 gr/da	1-3
<b>Cut Flower</b> (Gerbera, carnation, rose)	: 100-150 gr/da	1-3
<b>Greenery Group</b>	: 60-80 gr/da	1-3

### Soil Application:

Drip irrigation 2.5-5 kg/ha, Flood irrigation 5-10 kg/ha, Sprinkler irrigation 750-1.5 kg/ha. It is repeated 3-5 times.

### Impact On Soil

\* By improving physical, chemical and biological structure, it provides a suitable development environment for plants. \* It is a NUTRITION and ENERGY source for soil organisms by increasing beneficial microorganism activities. \* By chelating vital nutrients such as Phosphorus, Calcium, Zinc, Iron and Manganese, which are bound in the soil and are useless for plants, it makes them active for plants. \* In addition to the high amount of Humic-Fulvic acid it contains, it gives life to the soil and plants in the growing environment with Potassium in its composition. \* It reduces the effects of salinity caused by intensive fertilization and other reasons. \* As it will prevent the hardening of the soil, it prevents the formation of duff layers, swells the soil, and increases its aeration and water holding capacity. Therefore, a good rooting occurs. It prevents water to evaporate rapidly in sandy soils. \* By keeping the plant nutrients in the root zone, it enables the plant to get as much as it needs. Thus, excessive use of fertilizer is prevented. \* Soils that are poor in organic matter and high in lime also help to improve the soil and contribute to the formation of an ideal growing environment. \* The advantages of Humic and Fulvic Acids in the content are provided in foliar applications.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended on windy, frost days and rainy days. Application should be done in the morning or in the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. **It is recommended to use fertilizer by doing leaf and / or soil analysis.**

**Do not leave the package open.**

Packaging: 0,5 Kg x 40, 1Kg x 20, 5 Kg x 4, 15 Kg, 20/25 Kg

www.makrotarim.com.tr

# ultra humate

## Potassium Humate Solid Humic-Fulvic Acid

**About the product:** **ultra humate**, is a special product which contains Humic-Fulvic acid, is produced as a result of the decomposition and compression of plant residues in the soil and produced by putting raw material named Leonardite through some chemical processes. **Ultra humate**; 30.0% Organic Matter, 75.0%> Humic-Fulvic Acid and 10.0% Potassium Oxide (K<sub>2</sub>O).

### GUARANTEED CONTENT: (%)

Organic Matter	30.0>	pH (22 °C 1/10)	9-11
Total Humic-Fulvic Acid	75.0>	Maximum Humidity	20.0<
Water soluble Potassium Oxide (K <sub>2</sub> O)	10.0>		

### APPLICATION RECOMMENDATIONS



suitable for leaf use



suitable for soil use



suitable for multiple mix



For detailed  
information QR Barcod  
Please read



<b>Greenhouse and Open Field Vegetables</b>	: 100-150 gr/da	4-5
<b>Fruit Trees</b> (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)	: 100-150 gr/da	2-4
<b>Farm plants:</b> (Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)	: 60-80 gr/da	3-4
<b>Cotton</b>	: 40-40 gr/da	2-4
<b>Sugar beet, Carrot, Onion, Potato, Garlic</b>	: 80-100 gr/da	2-4
<b>Banana</b>	: 100-150 gr/da	2-3
<b>Strawberry, Melon, Watermelon</b>	: 100-150 gr/da	2-4
<b>Olive, Hazelnut, Pistachio</b>	: 100-150 gr/da	1-3
<b>Vineyard, Kiwi, Avocado</b>	: 60-80 gr/da	1-3
<b>Citrus</b> (Lemon, Tangerine, Orange, Grapefruit etc.)	: 100-150 gr/da	1-3
<b>Oil Plants</b>	: 60-80 gr/da	1-3
<b>Pomegranate</b>	: 100-150 gr/da	1-3
<b>Cut Flower</b> (Gerbera, carnation, rose)	: 100-150 gr/da	1-3
<b>Greenery Group</b>	: 60-80 gr/da	1-3

### Soil Application:

Drip Irrigation 2.5-5 kg/ha, Flood irrigation 5-10 kg/ha, Sprinkler irrigation 750-1.5 kg/ha. It is repeated 3-5 times.

### Impact On Soil

\* By improving physical, chemical and biological structure, it provides a suitable development environment for plants. \* It is a NUTRITION and ENERGY source for soil organisms by increasing beneficial microorganism activities. \* By chelating vital nutrients such as Phosphorus, Calcium, Zinc, Iron and Manganese, which are bound in the soil and are useless for plants, it makes them active for plants. \* In addition to the high amount of Humic-Fulvic acid it contains, it gives life to the soil and plants in the growing environment with Potassium in its composition. \* It reduces the effects of salinity caused by intensive fertilization and other reasons. \* As it will prevent the hardening of the soil, it prevents the formation of duff layers, swells the soil, and increases its aeration and water holding capacity. Therefore, a good rooting occurs. It prevents water to evaporate rapidly in sandy soils. \* By keeping the plant nutrients in the root zone, it enables the plant to get as much as it needs. Thus, excessive use of fertilizer is prevented. \* Soils that are poor in organic matter and high in lime also help to improve the soil and contribute to the formation of an ideal growing environment. \* The advantages of Humic and Fulvic Acids in the content are provided in foliar applications.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended on windy, frost days and rainy days. Application should be done in the morning or in the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. **It is recommended to use fertilizer by doing leaf and / or soil analysis.**

Packaging: 0,5 Kg x 40, 1Kg x 20, 5 Kg x 4, 15 Kg, 20/25 Kg

www.makrotarim.com.tr

Do not leave the package open.

**About the product: Komple 4X4/partner Plus;** It is a liquid organic fertilizer that can be used in both conventional and organic farming, containing 55.0(% w/v) Organic Matter, 3.25 (% w/v) Organic Nitrogen, 5.20 (% w/v) Potassium Oxide(K<sub>2</sub>O). They are extremely important products in increasing the amount of organic matter, especially in soils tired due to intensive agricultural activities.

## GUARANTEED CONTENT: (w/v)

Organic Matter	55.00	Water soluble Potassium Oxide (K <sub>2</sub> O)	5.20
Organic Nitrogen	3.25	Density (d) gr/ml	1.30
Total Nitrogen (N)	3.25	pH (22 °C 1/10)	4-6

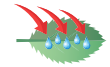
## APPLICATION RECOMMENDATIONS



suitable for foliar application by drone



suitable for soil use



suitable for leaf use



suitable for multiple mix



For detailed information QR Barcode Please read.



Packaging: 1L x 20, 5L x 4, 18/20L



<b>Greenhouse and Open Field Vegetables</b>	: 150-200 cc/100 L water	4-5
<b>Fruit Trees</b> (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)	: 150-200 cc/100 L water	2-4
<b>Farm plants:</b> (Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)	: 250-350 cc/100 L water	3-4
<b>Cotton</b>	: 250-350 cc/100 L water	2-4
<b>Sugar beet, Carrot, Onion, Potato, Garlic</b>	: 250-300 cc/100 L water	2-4
<b>Banana</b>	: 200-250 cc/100 L water	2-3
<b>Strawberry, Melon, Watermelon</b>	: 150-250 cc/100 L water	2-4
<b>Olive, Hazelnut, Pistachio</b>	: 200-300 cc/100 L water	2-3
<b>Vineyard, Kiwi, Avocado</b>	: 200-300 cc/100 L water	2-3
<b>Citrus</b> (Lemon, Tangerine, Orange, Grapefruit etc.)	: 150-250 cc/100 L water	2-3
<b>Oil Plants</b>	: 300-400 cc/100 L water	1-2
<b>Pomegranate</b>	: 200-350 cc/100 L water	1-3
<b>Cut Flower</b> (Gerbera, carnation, rose)	: 150-250 cc/100 L water	1-3
<b>Greenery Group</b>	: 150-200 cc/100 L water	1-3

## Soil Application:

Drip Irrigation 5-10 L/ha, Flood irrigation 15-25 L/ha, Sprinkler irrigation 3-6 L/ha. It is repeated 3-5 times.

**Note:** Our above recommendations are general-purpose and these doses can be increased up to 2-3 times in soils where organic matter is low. Also it provides the advantages of animal manure to the soils where it is applied. These products, which are organic Serti mold, can be used safely in organic agriculture.

**Effect on plant:** Komple 4X4 and partner plus having high organic matter content significantly increases the amount of organic matter in the soil to which it is applied. Therefore, microbial activities in soil, aeration and water holding capacity of soil increase. It reduces salinity, especially contributes to iron (Fe) absorption by the plant. Since the cell division will accelerate in the soil where it is applied, especially in roots, it makes positive contributions to root development. It can be applied mixing with other plant nutrients and pesticides as it can be given directly to the soil by diluting in water. It is also effective on the absorption of other products from both roots and leaves.

**REMINDER:** This product can be applied both from soil and leaves. The dose adjusted according to the plant to be used is diluted with the required amount of water and injected into the irrigation system in applications from the soil, and in the applications from the leaves, the required amount is dosed to the leaves with a sufficient amount of water. Although it can be mixed with other fertilizers and drugs, make sure to make a pre-test before mixture. During the application, nothing should be eaten and drunk, care should be taken not to get it on the skin, and if it does, it should be washed with plenty of clean water. Leaf application is not recommended on windy, frost days and rainy days. Application should be done in the morning or in the evening. Store the product in a sheltered place (at a temperature of 5-35 °C) away from children and pets. **It is recommended to use fertilizer by doing leaf and / or soil analysis.**



Shake it before use

to find  
**the better**  
and





## Special Products

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# mak pH

- activity enhancer,
- interaction inhibitor,
- mixture agent,
- pH regulator,
- spreader-adhesive,
- foam cutter

**About the product: mak pH;** In order to achieve the efficiency of pesticides and foliar fertilizers used in agricultural production, solution of fertilizer and pesticide must spread over the whole plant and remain on the plant during and after spraying. Hairy leaves or slippery surface of some plants cause fertilizers and pesticides not to remain, to get dense or to flow down in some points, which results in phytotoxicity (burning) or problems such as low biological activity. In addition, spraying water with high pH and being hard decreases the expected effects of pesticides and fertilizers. To avoid such cases, it is necessary to use a product such as mak pH.

## Content: (w/v)

200 g per liter. Includes polycarboxylic acids

## APPLICATION RECOMMENDATIONS



suitable for leaf use



suitable for soil use



For detailed information QR Barcode Please read.



Packaging: 500 ml x 40, 1L x 20, 5L x 4

- 1- 75-100 ml/100L water for antifoam and efficiency increaser
- 2- 125-150 ml/100L water for preventing interaction
- 3- 30-50 ml/100L water for spreading and adhesive property
- 4- For decrease of pH;

100-150 ml / 100 L water if the pH of spraying water is greater than 8.5

100-125 ml / 100 L water if the pH of spraying water is between 8-8.5

75-100 ml / 100 L water if the pH of spraying water is between 7.5-8.0

50-75 ml / 100 L water if the pH of spraying water is lower than 7.5

Note: these doses are recommended and may vary depending on the degree of hardness of the water.

5- to open blockages in drip irrigation system :500-750 ml/100 liters of water.

## mak pH;

- \*\* Adjusting alkaline of water pH.
- \*\* Removing hardness of water (resulting from calcium and magnesium).
- \*\* Increasing miscibility of pesticides due to chelating feature.
- \*\* Preventing foam formation in fertilizer tank.
- \*\* Increasing solubility and prolonging life of pesticides. It prevents to use high doses of fertilizer, which provides economical contribution.
- \*\* Providing pesticides and fertilizers to spread over the surface of plant homogenously.
- \*\* Allowing application of pesticides and fertilizers on days with dew.
- \*\* Helping to unclog the irrigation systems.
- \*\* makPH makes the color of water turn into pink if pH of spraying water is 4.5-5.5. It can be understood that the water with pesticide and fertilizer has the ideal pH without any other measurement.

**REMINDER:** It should not be mixed with copper preparations and Bordeaux mixture and Calcium sulphate. Since it is corrosive, do not store in metal containers. The product is IRRITATING. Wear protective gloves, masks and clothing.



**About the product: makro toroSal;** Especially in soils with high salinity potential in terms of sodium, as a result of the replacement of calcium ions bound to the organic acids in their content with sodium ions that are soluble in water, it is extremely effective in preventing and eliminating sodaceous salinity by making sodium ions inactive. On the other hand, by balancing the soil pH positively, by suppressing the hydroxyl ions, which are the source of alkanite, it prevents salinization due to alkanite. It is definitely beneficial to make a mixture test before the materials to be mixed.

## GUARANTEED CONTENT: (w/v)

Total Organic Matter	28.75	Nitrate Nitrogen(NO <sub>3</sub> -N)	3.90
Water soluble calcium oxide (CaO)	7.75	Density (d) gr/ml	1,26
Total Nitrogen(N)	3.90	pH (22 °C 1/10)	2.4-4.4

## APPLICATION RECOMMENDATIONS

**makro toroSal;** provided that it can change depending on the need, it should be applied at least once a month at a dose of 10 L (with a minimum of 30 tons of water) to a hectare(ha) in areas where salination is potential in the soil. If the salinity problem is high, this dose can be increased up to 2-3 times. It is not recommended for foliar applications. It is used from soil against the risk of salinity in all plants in agricultural production.

**Salinity;** being one of the important problems of the world lands where agriculture is practiced, is encountered due to reasons such as drought (insufficient rainfall), wrong irrigation, excessive fertilizer use, broken drainage; this situation brings many problems in agricultural production such as slow and inadequate germination of seeds, lack of root development in saplings and seedlings, wilting or drying in plants, scrub plants, small leaf formation, short stems and branches, bluish coloring of leaves, delay of flowering, less flowers and seeds' remaining small, increase in weeds resistant to salinity in the growing environment of cultivated plants. Since the salinity in the soil not being under control will make it difficult for the plant to reach the water, which is a life elixir, it causes significant loss of quality and yield in the product.

**REMINDER:**This product is applied from soil. It is suitable for both flood irrigation and drip irrigation. Upon the advice of your technical consultant or Agricultural Engineer, it can also be given to water tanks stocked for irrigation purposes and with salt risk.

## About the Product:

**discodor,** is recommended and used for the elimination of salinity caused or potentially caused by intensive agricultural activities and fertilizer use. Additionally, it has a positive effect on fruit coloration. Thanks to the organic matter it contains, it not only increases the amount of organic matter in the soil but also dissolves plant nutrients bound in the soil, making them available for plants. This is a unique new-generation formulation.

**discodor,** is extremely effective in eliminating sodium-based salinity in the soil. The main working principle of this product is that the multiple calcium ions in the content are replaced by sodium ions, which are the main cause of salinity. Thanks to the polycarboxylates in the content, it releases the plant nutrients bound in the soil and makes these plant nutrients useful. With the high amount of organic matter in its content, it helps increase the water holding capacity, aeration and microbial activities of the soil.

## APPLICATION RECOMMENDATIONS

**Soil Application:** It should be applied to the soil at a rate of 1-3 L/da depending on the need. In areas where there is a risk of soil salinization, it should be applied at least once a month at a dose of at least 1000 cc per decare (with at least 3 tons of water). If the salinity problem is severe, this dose can be increased up to 2-3 times. Leaf application is not recommended. It is used from the soil for all plants.

## RECOMMENDED PLANTS

Vegetables(All varieties grown in greenhouses and open fields), Fruit Trees, Tropical Plants, such as Banana, Avocado, Kiwi, and Pineapple, Strawberries, Citrus Fruits, All field crops at risk of salinity, Winter vegetables, Carnations, Ornamental Plants, and Turf areas

**REMINDER:** This product is applied to the soil. It is suitable for both surface irrigation and drip irrigation systems. With the advice of your technical consultant or agricultural engineer, it can also be added to water reservoirs stored for irrigation purposes that are at risk of salinity.



suitable for soil use



suitable for multiple mix

suitable for soil use



suitable for multiple mix



**About the product:** makSulfo, contains 800 gr Microzine Elemental S (Sulphur) per liter. High Lime (Ca) and high pH due to bedrock in especially soils where agricultural production is done cause very serious problems about the intake of particularly Iron (Fe), other microelements and Phosphorus Pentaoxide (P<sub>2</sub>O<sub>5</sub>). MakSulfo 80S, which contains 80% Sulphur in soluble SC form, is an extremely effective product for lowering high pH. It is recommended as a pH reducer in agricultural production. Even if it is applied from the leaf in some fungal diseases and mite species, definitely contact your technical advisor before application. It also positively contributes to the removal of the duff layer, which is one of the biggest problems of open field agricultural production (cotton, sugar beet, sunflower, etc.). Since it will increase the aeration and water holding capacity of the soil, it has very positive effects on soil structure's being looser and plant development. It provides an increase in microorganism activities in the soil where it is applied.

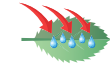
### Content: (w/v)

800 gr per liter. Microzine contains Elemental S (sulfur).

### APPLICATION RECOMMENDATIONS



suitable for foliar  
application by drone



suitable for foliar use



suitable for soil use



partially suitable  
for multi-mix



For detailed  
information QR Barcod  
Please read



Packaging: 1L x 20, 5L x 4, 20L

#### Field Crops: (Cotton, Wheat, Barley, Oats, Sunflower, Legumes, Corn etc.)

It is applied from SOIL before planting and soil preparation stage. At a dose of 2-4 L / ha in order to reduce the pH of the soil and prevent the formation of the cream layer.

#### Open Field Or Greenhouse Vegetable Growing: (Tomato, Cucumber, Pepper, Eggplant, Zucchini etc.)

It is recommended to apply 2-4 times at a dose of 1-3 L / da with the soil preparation and before planting the seedlings or with the intervals of 10-15 days after the seedling planting.

#### Fruit Trees: (Apple, Pear, Peach, Apricot, Cherry, Walnut, Citrus etc.)

**A) In newly prepared gardens:** It is recommended after planting the seedlings, 2-3 applications with sap at a dosage of 2-3 L / da with 10-15 days intervals.

**B) Fruit Trees:** With the first irrigation, 2-4 applications at a dose of 3-4 L / da are recommended with 10-15 days intervals.

**Viticulture, Olive, Pistachio, Pomegranate etc.:** \* It is recommended after planting seedlings in newly established garden 2-3 applications with 2-3 L/da. \* It is recommended in fruit garden 2-3 application at the dose 2-3 L/da with sap.

#### Tuber Plant: (Onion, Garlic, Sugar beet, Carrot, Potato etc.)

During soil preparation, 2-3 applications from the soil at a dose of 2-4L / da are recommended to reduce the pH of the soil and to prevent the cream layer that may form in the soil.

**Strawberry:** After the planting seedlings it is applied from drip irrigation with 10-15 days intervals at the dosage of 1-2 L/da.

**Banana:** It is recommended in during the spring repair period and after with 15-20 days intervals 3-4 applications dose of 1-2 L/da with drip irrigation.

It can applied from foliar in order to avoid prevent fungus diseases (vine mildew), acaricide (Aculops lycopersici and Spider mites etc) and meet the need for sulfur. This product is although applicable to foliar. Do not apply in hot weather for foliar applications. Apply in the morning or evening, when the weather is cool.

**Suggestion dose for foliar applications is 150-250 cc /ha or 100 L water.**

Mixing with other products is not recommended.

Please contact our technical department in case of doubt about foliar applications.

**REMINDER:** This product is applied to the soil during the soil preparation phase. However, if it is necessary, it can be applied later with flood irrigation or drip irrigation. Although it is recommended to be applied alone, it can also be mixed with some organic products. In case of mixing, pre-test must be done. Foliar application can also be done as a fungal suppressor. Get technical support in foliar application. Foliar application is not recommended at extreme hot temperatures. The entire product should be used after opening the packaging. Long-term contact with air can disrupt the chemical structure of the product (sedimentation may occur). It is recommended not to eat, drink anything and use protective equipment during application. The product should be stored in sheltered warehouses and at a temperature of 5-35 C.

**Shake it before use**



## Other Products Chelator (Activity Enhancer)

### About the product:

**X5**, is not a plant nutrient or fertilizer. Excellent chelation thanks to the included PCA it is a carrier of material and plant nutrients.

### APPLICATION RECOMMENDATIONS

#### Foliar Application

#### Soil Application

#### Greenhouse and Open Field Vegetables

: 200-250 gr/da

5-10 kg/ha

#### Fruit Trees (Apple, Pear, Plum, Apricot, Cherry, Peach, Quince etc.)

: 200-250 gr/da

5-10 kg/ha

#### Farm plants:(Sunflower, Barley, Wheat, Rye, Paddy, Chickpea, Soy, Tobacco, Lentil, Corn etc.)

: 200-250 gr/da

5-10 kg/ha

#### Cotton

: 200-250 gr/da

5-10 kg/ha

#### Sugar beet, Carrot, Onion, Potato, Garlic

: 200-250 gr/da

5-10 kg/ha

#### Banana

: 200-250 gr/da

5-10 kg/ha

#### Strawberry, Melon, Watermelon

: 200-250 gr/da

5-10 kg/ha

#### Olive, Hazelnut, Pistachio

: 200-250 gr/da

5-10 kg/ha

#### Vineyard, Kiwi, Avocado

: 200-250 gr/da

5-10 kg/ha

#### Citrus (Lemon, Tangerine, Orange, Grapefruit etc.)

: 200-250 gr/da

5-10 kg/ha

#### Oil Plants

: 200-250 gr/da

5-10 kg/ha

#### Pomegranate

: 200-250 gr/da

5-10 kg/ha

#### Cut Flower (Gerbera, carnation, rose)

: 200-250 gr/da

5-10 kg/ha

#### Greenery Group

: 200-250 gr/da

5-10 kg/ha

#### Soil Application:

Drip Irrigation 5-10 kg/ha, Flood irrigation 8-15 kg/ha, Sprinkler irrigation 3-5 kg/ha. It is repeated 3-5 times.



suitable for leaf use



suitable for soil use



suitable for multiple mix



For detailed information QR Barcode Please read

It helps plant nutrient elements, which results from high pH and cannot be taken from the soil, be taken by the plants. When water-soluble plant nutrients are given to the soil, they turn into metal salts that are not solved such as metaloxide because of high pH ratio in the soil and water. These metal salts are not taken by the plants. X5 has a high cation-retention capacity due to chelating and complexing characteristic. It chelates metals salts compounded in soil and makes them have a complex form intakable easily by the plants. This complex form is not deformed anymore. X5 has anion-cation exchange property. This property allows the plants to take plant nutrient elements fully that are given to soil but not taken by the plants. It enhances root development because it makes easier for plants to take plant nutrient elements. Thus, it increases plant tolerance against to disease because plant gets more nutrition from the soil. X5 makes root development easier and prevents hardness of soil due to loosening the soil and improving aeration. Plant nutrition uptake is maximum when applied together with fertilizers. X5 increases microorganism activity found in soil especially in saline and arid soils. It eliminates the problem of calcification in drip irrigation system and unclogs. High pH decreases the effect of agrochemicals but X5 eliminate this problem due to feature of lowering pH. X5 does not contain mineral acids such as Nitric and Phosphoric acid.

**HATIRLATMA:** X5; It is a product which is applied from the leaf or soil in agricultural production and produced specifically to maximize the uptake of pesticides and plant nutrients by the plant. Its strong chelating effect allows plants to benefit more from these products. The required amount of X5 is added to the fertilizing and pesticide water first, then pesticides and fertilizers are put in and the mixture is provided homogeneously. It is recommended to use protective equipment during application. Avoid contact of the product with moisture, in case of contact, there may be caking. This has no effect on the quality of the product.

Packaging: 0.5 kg x 40, 1 kg x 20, 5 kg x 4

**Do not leave the package open.**

# TUKOM

Other products  
Bird and Bee  
repellent

Soil Indicator  
Salinity  
Remover

# redkey

### About the product:

**TUKOM;** Thanks to the tropical plant extracts in its content, it is a natural and environmentally friendly product that causes bees and birds to leave the environment without damaging the product by emitting an odor with which the bees and birds will be disturbed. The herbal extract in

**TUKOM** is in the form of SC in micro capsules and must be sprayed on the leaves (green parts) to open the capsules and spread the scent to the environment. Relative humidity on the leaf is required to open microcapsules. Depending on the ambient temperature and humidity, action time of

**TUKOM** varies between 10-15 days. Since high temperature will speed up the opening of the microcapsules, it can shorten action time.

**TUKOM** does not kill the bees and birds that damage the products, it helps birds and bees to move away from the products. It does not leave any residue and odor in the product. Furthermore, it also has a fertilizing effect on the plants it is applied to since the content is enriched with Sulphur and Magnesium.

### Recommended Doses

250-300 cc / da. (or 100 L water): application should be done in cool air early in the morning or in the evening. Application is not recommended on extremely hot, humid, windy and frost-risk days.

**REMINDER:** This product is applied from the Leaf. Mixing with other products is not recommended. It is not effective against carnivorous birds. TUKOM; cover for the part left in the package, if available after use, in terms of preserving its effectiveness it must be tightly closed. Use of protective equipment during application and skin contact should be prevented, in case of skin contact, it should be washed in abundance with clean water. Product in sheltered warehouses, from excessive moisture and heat protect, store at temperatures between 5-35 °C.

### About the product:

**REDKEY,** is a product containing organic compounds that are effective in lowering high pH, dissolves or releases plant nutrients bound by CALCIUM, PHOSPHORUS and other colloids in the soil, especially helps unblocking the clogged nozzles in drip irrigation systems.

### APPLICATION RECOMMENDATIONS

**All vegetables and fruits;** 10-20 L/ha with dripping irrigation

**In foliar applications;** 1-1.5 L/1000 L water ( or hectare) dose is recommended.

•It is a special additive developed to maximize the intake of fertilizers and pesticides. •It facilitates and accelerates the uptake of plant nutrients (Nitrogen, Phosphorus, Potassium, Iron, Zinc, Boron, Manganese etc.) by the plant by making a strong chelator effect. •It is extremely effective in removing STRESS conditions caused by salinity and other reasons (extreme heat, extreme cold, insect damage, wrong pesticide application etc.). •Being effective in lowering salinity, it increases the uptake of Phosphorus and Calcium by the roots by solving Phosphorus and Calcium binding in saline soils. •It helps to reduce pH in agricultural production where high pH is a problem. •Homogeneous rooting is effective when the application dose is reduced by 1/3 in seedlings. •It helps to increase the activities of beneficial bacteria in the soil. •It tolerates the damage caused by insect, herb and fungal drugs on soil. •It helps to reduce organic matters, one of the most important activities of microorganisms, to inorganic compounds.

**REMINDER:** redkey; although soil application is usually recommended, agricultural drugs applied from leaves and iredkey; Although it is generally recommended to apply from the soil, it helps to reduce the pH of the pesticides and fertilizers applied from the leaves, the spraying water. It is an irritating product. It is recommended to use gloves. It is not recommended to use metal containers during application. It activates the plant nutrients that are bound by different colloids in the soil and makes a positive contribution to the uptake of these nutrients by the plant. It is also effective in lowering soil pH and salinity. It helps to open the breasts that are blocked by Calcium.

**X irritating**

suitable for soil use



suitable for multiple mix



For detailed information QR Barcod Please read



Packaging: 1L x 20, 5L x 4, 10L x 2, 20L



Packaging: 250 ml x 40, 1L x 20



suitable for leaf use



For detailed information QR Barcod Please read



Dron ile yapraktan uygulamaya uygun

# SEKBAN 4R

Other Products  
Supporting the Plant Immune System  
Special Product

## About Products;

**SEKBAN 4R;** In terms of product content it has designed and applied for the plant to develop its own defense mechanism under stress conditions.

## Effect on the Plant

It has been developed using the polyphenols contained in the plant and combined with highly specific molecules to enhance the plant's defense mechanism. In this way, it is an effective product in increasing the resistance of the plant not only to Stress, but also to diseases caused by Bacteria, Fungi and Viruses.

Apart from these effects on the plant; Thanks to its disinfectant feature, this product can disinfect Plant Growth Regulators (GA3,4CPA, BNO, etc.) used in agricultural production and chemicals such as insecticides, fungicides, acaricides, herbicides. In this way, it is effective in removing chemicals from fruits and leaves in edible plants. It minimizes the risks that may occur in the commercial value of the products due to residue.

**SEKBAN 4R SEKBAN in Brief;** It is a very special R&D product designed and manufactured to increase the resistance of plants under stress conditions, to support the immune system against viruses and bacterial pathogens, and to minimize the residue rates of the chemicals used.

### **RECOMMENDATION DOSES**

- To avoid stress conditions: 60-80 cc / 100 L water or da. 2-3 application recommended with 7-10 days break.
- To disinfect the residues in the plant: 100-125 cc / 100 L water or da. Single dosage application recommended 24 hours before to harvest.

**Note:** This product can NOT be mixed with other chemicals. May attention the fertilizer equipment is clean. This product has to be applied alone



suitable for foliar use



For detailed information  
QR barcode  
Please read



Packaging: : 500 ml x 40, 1 L x 20, 5 L x 4, 20 L

**REMINER:** SEKBAN 4R; It is a new generation R&D product obtained by using special molecules that support the Plant Immune (Immune) system, and mixing with other leaf fertilizers and agricultural pesticides is not recommended. It is an environmentally friendly product and is not harmful to bees, fish, animals and human health. It is sprayed on the leaves at the beginning of the period when the plants are sensitive to environmental risk factors, taking into account the above recommended doses. The application should be done early in the morning and in the cool of the evening, foliar application is not recommended on windy, dew and frost risk days. It should be stored in protected warehouses at +5 to +35 C. Shake the product well before applying.

**Package should not left open.**

"dikimden hasad'a kadar tarım'in her aşamasında biz varız"  
 "from planting to harvest we are at every stage of agriculture"  
 Наша продукция используется на каждом этапе сельскохозяйственного производства, от посева и до уборки урожая.  
 لدينا كل ما تحتاجه من مرحلة الزراعة الى مرحلة الحصاد



\*\*We investigate

:Because we are innovative,

\*\*We are environmentalist

:Because we respect the environment,

\*\*We are questioning

:Because to find the right thing,

\*\*We produce



:Because development passes through production.

Chemical Products Manufacturer  
License Certificate

Organic Products Manufacturer  
License Certificate

**T.C.  
TARIM VE ORMAN BAKANLIĞI  
Bitkisel Üretim Genel Müdürlüğü****LİSANS BELGESİ**

Firmann	
Ticari Ünvan*	MAKRO TARIM İNŞ. TAAH. TUR. PAZ. SAN. VE TİC. LTD. ŞTİ.
Lisans Türü	Üretici
Lisans No	47
Merkez Adres*	Antalya Organize Sanayi Bölgesi 1. Kısım Antalya Bulvarı No:15 Döşemealtı / ANTALYA
Telefon Numarası	0 2423448388
Faks Numarası	02423440489
Vergi Dairesi	ANTALYA KURUMLAR
Vergi Numarası	6110070584
Sermayesi	2.475.000 TL
Kayıtlı Olduğu Meslek Kuruluşu Adı, Kayıt Numarası ve Tarihi	ANTALYA TİCARET VE SANAYİ ODASI No:25401 Tarih:17/09/1996
Üretici ise Üretim Tesislerinin Adres*	MAKRO TARIM İNŞ. TAAH. TUR. PAZ. SAN. VE TİC. LTD. ŞTİ. ÜRETİM MERKEZİ Antalya Organize Sanayi Bölgesi 1. Kısım Antalya Bulvarı No:15 DÖŞEMEALTI / ANTALYA.
Fason Üretimlerde Fason Üreticinin Adı ve Üretim Tesisi Adres*	1- İSTANBUL GÜBRE SANAYİ ANONİM ŞİRKETİ (İGSAŞ) Antalya Organize Sanayi Bölgesi 1. Kısım No:9 DÖŞEMEALTI / ANTALYA, 2- DOKTOR TARSA TARIM SAN. VE TİC. A.Ş. Organize Sanayi Bölgesi 2. Kısım 22. Cad. No: 10 07190 DÖŞEMEALTI / ANTALYA,
Veriliş Nedeni	YENİLEME VE FASON İLAVESİ
* Ad ve adres değişiklikleri 30 gün içinde Bakanlığa bildirilecektir.	
Bu belge 30/09/2021 tarihinden itibaren 5 yıl geçerlidir	
Bu belge 29/03/2014 tarih ve 28956 Sayılı Resmî Gazetede Yayınlanan Gübrelerin Piyasa Gözetimi ve Denetimi Yönetmeliği gereği KİMYEVİ GÜBRE üreten veya ithal eden gerçek ve tüzel kişilere düzenlenmiştir.	
Tarih:30/09/2021	
Ayhan GÜNERİ Genel Müdür a. Daire Başkan V.	

**T.C.  
TARIM VE ORMAN BAKANLIĞI  
Bitkisel Üretim Genel Müdürlüğü****LİSANS BELGESİ**

Firmann	
Ticari Ünvan	MAKRO TARIM İNŞAAT TAAHHÜT TURİZM PAZARLAMA SANAYİ VE TİCARET LİMİTED ŞİRKETİ
Lisans Türü	Üretici
Lisans No	12
Merkez Adresi	AOSBİKİSİM MAH. ANTALYA BLV. MAKRO TARIM 15 DÖŞEMEALTI ANTALYA
Telefon Numarası	0 2423448388
Faks Numarası	02423440489
Vergi Dairesi	ANTALYA KURUMLAR VERGİ DAİRESİ MÜD.
Vergi Numarası	6110070584
Üretici ise Üretim Tesislerinin Adresi	MAKRO TARIM İNŞ. TAAH. TUR. PAZ. SAN. VE TİC. LTD. ŞTİ. ÜRETİM MERKEZİ Antalya Organize Sanayi Bölgesi 1. Kısım Antalya Bulvarı No:15 DÖŞEMEALTI / ANTALYA.
Fason Üretimlerde Fason Üreticinin Adı ve Üretim Tesisi Adresi	AKEL DERİ TEKSTİL SANAYİ VE DİŞ TİCARET LİMİTED ŞİRKETİ Badırga Mah. 3.Sok. No:6 Nilüfer - BURSA
Veriliş Nedeni	SÜRE DOLUMU NEDENİYLE YENİLEME
Bu belge 15/11/2023 tarihinden itibaren 5 yıl geçerlidir	
Bu belge Tarımda Kullanılan Organik, Mineral ve Mikrobiyal Kaynaklı Gübrelere Dair Yönetmelik kapsamında düzenlenmiştir.	
Tarih:15/11/2023	
Ayhan GÜNERİ Genel Müdür a. Daire Başkan V.	

**Amino acids**

- Plays an active role in protein synthesis in the plant.
- It encourages germination, flowering, development and fruit setting.
- It stimulates the natural hormones in the plant.
- It helps if the vitamin and sugar levels in the fruit increase.
- It accelerates microorganism activities in the soil.
- It increases the uptake of macro and micro elements by helping to regulate the soil structure.
- It accelerates the decomposition of organic materials in the soil, as it both stimulates the development of soil creatures and increases the function of plant roots.
- It increases the effectiveness of fertilizers and medicines used.
- The plant uses the energy to be used while producing the amino acid in its other functions. Therefore, it helps the plant metabolism.
- Helps plant respiration.

**Amino Acid building blocks and their functions**

Amino acids	Effect
Glisin	It has a chelating effect, is the main metabolite in the process of forming plant tissue and chlorophyll synthesis. It causes a high degree of photosynthesis.
Alanin	It is effective in increasing fruit quality.
Phenylalanine	It is effective in fruit set and quality.
Valin	It is effective in increasing fruit quality.
Leusin	It is effective in increasing fruit quality.
Prolin	It strengthens the cell walls and enables the plant to gain resistance against adverse climatic conditions on the hydrogen balance. It helps pollen fertility.
Hidroksiprolin	Auxin (affecting the growth and development of plants) is the main hormone synthesis.
Triptofan	Auxin (affecting the growth and development of plants) is the main hormone synthesis.
Izoleusin	It is effective in increasing fruit quality.
Serin	It is important in the plant's metabolism. It has plant growth, cell strengthening effect. It acts as a protector in times of stress.
Theoronin	It is important in the plant's metabolism. It has plant growth, cell strengthening effect. It acts as a protector in times of stress.
Tirozin	It is effective in the development of the plant and in increasing the chlorophyll synthesis of the leaves.
Sistein	It plays an important role in pollination in plants. Increases pollen germination and tube length.
Metionin	It plays an important role in pollination in plants. Increases pollen germination and tube length.
Lizin	It plays an important role in pollination in plants. Increases pollen germination and tube length.
Arjinin	It affects the synthesis of flower and fruit related hormones.
Histidin	It helps fruits to grow properly.
Aspartik Asit	By transamination (the transport of the amino group (NH <sub>2</sub> ) from one molecule to another) the amino acids do the rest.
Glutamik Asit	It is called guard cells, it acts as an osmotic agent of the cytoplasm, thus facilitating the opening of stomata. Helps to increase chlorophyll concentration.
Asparajin	It plays an important role as the main transport compound in xylem. Leaves on various plants from root to leaves and seeds developing from the phloem.
Glutamin	It helps to increase chlorophyll concentration.
Citrulline	Besides the identification of other potential enzymes of its metabolism, citrulline is both subcellular and long-range It involves obtaining a better spatial resolution of its parts. In addition, citrulline has suggested roles in NH <sub>4</sub> suspension in plants. With particular care and known as a compatible solute.
Norvaline	It plays an important role in pollination in plants. Increases pollen germination and tube length.
Sarcosine	It has a chelating effect, is the main metabolite in the process of forming plant tissue and chlorophyll synthesis. It causes a high degree of photosynthesis.

## USEFUL INFORMATION -2-

### BENEFITS OF FOLIAR FERTILIZATION

One of the biggest benefits of foliar fertilization is that it increases the intake of fertilizers applied to the soil.

Foliar fertilizers cause more sugar to be produced and they spread from the root to the rhizosphere. With this spread, it encourages the beneficial microorganism population around the root from the soil.

Micro element fertilizers in chelated form are at least 10 times more effective than inorganic fertilizers.

Leaves are negatively charged and normally have problems when positively charged elements pass through them. However, such problems do not occur for chelated elements.

The leaves of some plants have a waxy texture to prevent water loss. This structure prevents water and inorganic substances from entering the leaf.

However, cheeses can enter from this structure.

If the soil pH is high (over 7.5), it facilitates the removal of Iron, Manganese, Zinc, Copper, Boron elements from the leaf.

Some elements in the soil are blocked by other elements. For example, high phosphate level causes iron and zinc cation.

### FACTORS AFFECTING FERTILIZER INTAKE FROM LEAVES

**Type of plant and morphological features of leaf organ;** Foliar fertilizers are more effective in broad-leaved plants. In addition, the growth of the cuticle layer and the thickening of the waxy layer by the leaning of the plants cause the absorption of nutrients in young leaves faster than the elderly.

**pH of foliar fertilizers and effect of carrier ion;** Chelate form micro element fertilizers are at least 10 times more than inorganic ones. is effective.

**Application concentrations of foliar fertilizer and effect of drop size;** The fertilizers applied by spraying should not exceed certain concentrations, moreover, the absorption rate of nutrients increases at low concentrations. The longer the water layer stays on the leaf surface, the easier it is for ions to enter the leaf.

**Effect of light, temperature, wind and relative humidity;** Foliar fertilization should be done on cool and cloudy days or early in the morning and late in the evening, if possible in windless weather, since the pores are closed to prevent excessive water loss when the sun is steep.

#### CHELATE

The name Selat (Chelate) is derived from 'chele', which means 'crab claw' in Greek. Chelate substances hold food tightly, as befits its meaning. The word "Selat" is a word we often hear especially in fertilizers containing micronutrients. Provides easy intake of plant nutrients.

**Chelate:** It is called organic complexes (consisting of at least two rings) that positively charged cations such as Zinc, Copper, Manganese, Iron, Magnesium and Calcium will make with the ligand containing at least two negatively charged electrodonor atoms.

There are many chelate substances in the market with different names. Each chelating agent has a pH range in which it is stable in soil conditions.

EDTA: Ethylenediaminetetraacetic acid,

EDDHA: Ethylenediamine di (ohidroxyfonyl acetic) acid, DTPA: Diethylenetriaminepenta acetic acid etc.

### WHAT SHOULD BE CONSIDERED WHEN FERTILIZING FROM LEAVES.

Foliar fertilization should not be applied during full flowering and at the beginning of fruit formation.

In many plants, the under-leaf activity of the pores is greater. Both the upper and lower parts of the leaf should be thoroughly wetted with fertilized water.

Foliar fertilization should be done early in the morning, late in the evening or in cloudy weather, as the pores (stomata) will be closed to prevent excessive water loss when the sun's rays are steep. When the sun's rays are steep, it can have a caustic effect with lens formation and salt accumulation. (Application success increases when stomata are open.)

Fertilizer solution concentration should be adjusted well. If it is too much, it causes burns on the leaf. Absorption rate of nutrients increases at low concentrations.

The smaller the water droplets, the greater the absorption.

When foliar fertilization is done, the plant should not have water stress, it should not be too wet or dry.

If it is to be mixed with a pesticide or fertilizer, a preliminary mixture (jar test) should be done.

Using spreading adhesives and surface tension reducing agents to ensure the ease of absorption of nutrients in foliar fertilizers.

The efficiency of the fertilizer should be increased.

Calcium leaf fertilizers should not be applied with sulphate and phosphorus fertilizers.

Better results are obtained with two or three applications rather than a single application.

# PRODUCT PACKAGING INFORMATION

## A-PACKAGING INFORMATIONS

### LIQUID PRODUCTS;

250 ml x 40 Pieces / Box  
500 ml x 40 Pieces / Box  
1000 ml x 20 Pieces / Box  
5 Litre x 4 Pieces / Box  
20 Litre x 1 Pieces

### POWDER PRODUCTS;

250 gr x 40 Pieces / Box  
400 gr x 40 Pieces / Box  
500 gr x 40 Pieces / Box  
1 kg x 20 Pieces / Box  
5 kg x 4 Pieces / Box  
10 kg x 3 Pieces / Box  
20/25 kg x 1 Pieces

## B-PALLET INFORMATIONS

### LIQUID PRODUCTS;

250 ml x 60 Box / Pallet  
500 ml x 60 Box / Pallet  
1 Litre x 36 Box / Pallet  
5 Litre x 50 Box / Pallet  
20 Litre/48 Pieces / Pallet

### POWDER PRODUCTS;

250 gr x 60 Box / Pallet  
400 gr x 24 Box / Pallet  
500 gr x 36 Box / Pallet  
1 kg x 36 Box / Pallet  
5 kg x 50 Box / Pallet  
10 kg x 50 Box / Pallet  
20/25 kg x 50 Pieces / Pallet

• Box / Pallet Quantities are for informing purposes, they may vary.



products that **make** a difference

## Cytolife<sup>Plus</sup>

Sıvı yosunun en iyi hali.

Cytolife Plus; yüksek konsantrasyonlu, alginik asit ve giberellik asit bakımından zengin güçlü ve kusursuz deniz yosunu içerikli bitki aktivatörüdür.



"özel moleküllerle geliştirilmiş SIVI YOSUN"



## STYMA<sup>ANIMAL</sup>

Bitkinizin enerjisini ağza çıkartın.

STYMA ANIMAL, Hayvansal kaynaklı yüksek oranda aminoasit içeren doğal bir ürün olup, mikro molekül yapısı sayesinde uygulandığı bitkilerin metabolik aktivitelere çok hızlı etki eder.



## STYMA<sup>25</sup>

STYMA 25; Bitkisel menşeli, Enzimatik hidroliz yöntemiyle üretilen bitkilerin maksimum oranda faydalanacağı, L-Formunda 20 farklı Amino Asit içeren, I.S.I molekülleriyle kombine edilmiş, çok özel Amino Asit içerikli sıvı organik gübredir.



"bitkinizi daha güçlü yapar"



## OL

"KÖKLERİME UZMAN"

"İyi bir BAŞLANGIÇ ister"



Garanti Edilen İçerik	(w/w)	(w/v)
Organik Madde	25.0	31.75
Organik Karbon	18.0	22.85
Toplam Azot	2.0	2.85
Suda Çözünür Potasyum Oksit	4.0	5.70
pH (1/10 22°C)	4.0	5.70
Yoğunluk (d) gr/ml	1.2	1.575



## GreenBull

Süspansiyon Çinko

daha GÜÇLÜ etki ile ÇİNKO (Zn) tüketiciliğini bitkiye AKTARAN ürün



"daha güçlü çiçek, daha iyi tutum daha dolgun meyveler/daneler için"

AKTARAN İÇERİK

ÇİNKO (Zn)



## makro tarım

sıkıyık oksijen su mu?

etkinlik artırıcı, etkileşim önleyici, koruyucu, pH regülasyonu, yapıcı yapıştırıcı, köpük kesici

etkinlik artırıcı, etkileşim önleyici, koruyucu, pH regülasyonu, yapıcı yapıştırıcı, köpük kesici



for considering the next generations



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2025-2026



**makro tarım**<sup>®</sup>



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