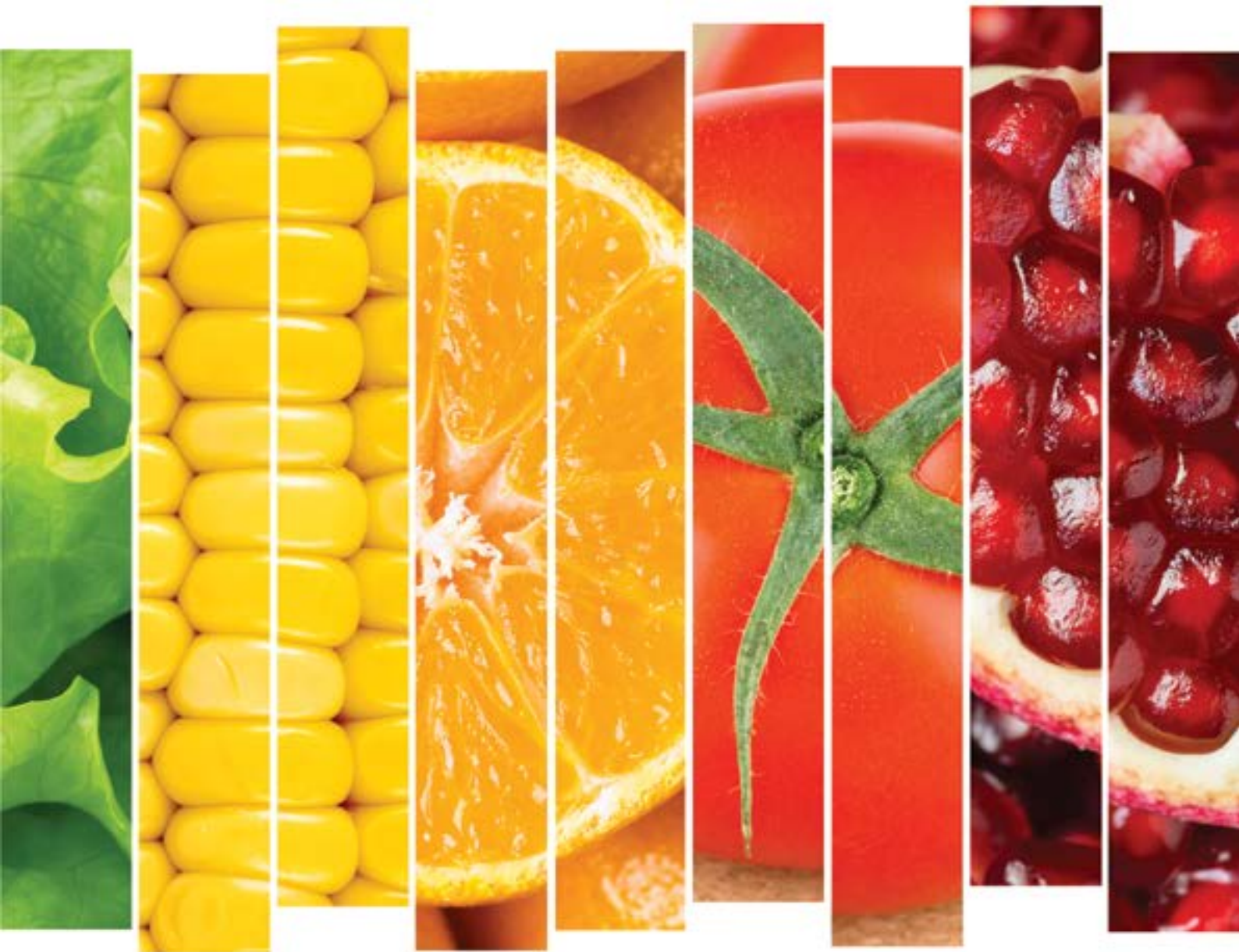


 **unifarm** chemical



[www.unifarmchemical.com](http://www.unifarmchemical.com)

**G**unifarm chemical

# unifarm<sup>chemical</sup>

Unifarmchemical is an experienced company for research, development and production of Professional plant nutrition products for agriculture.

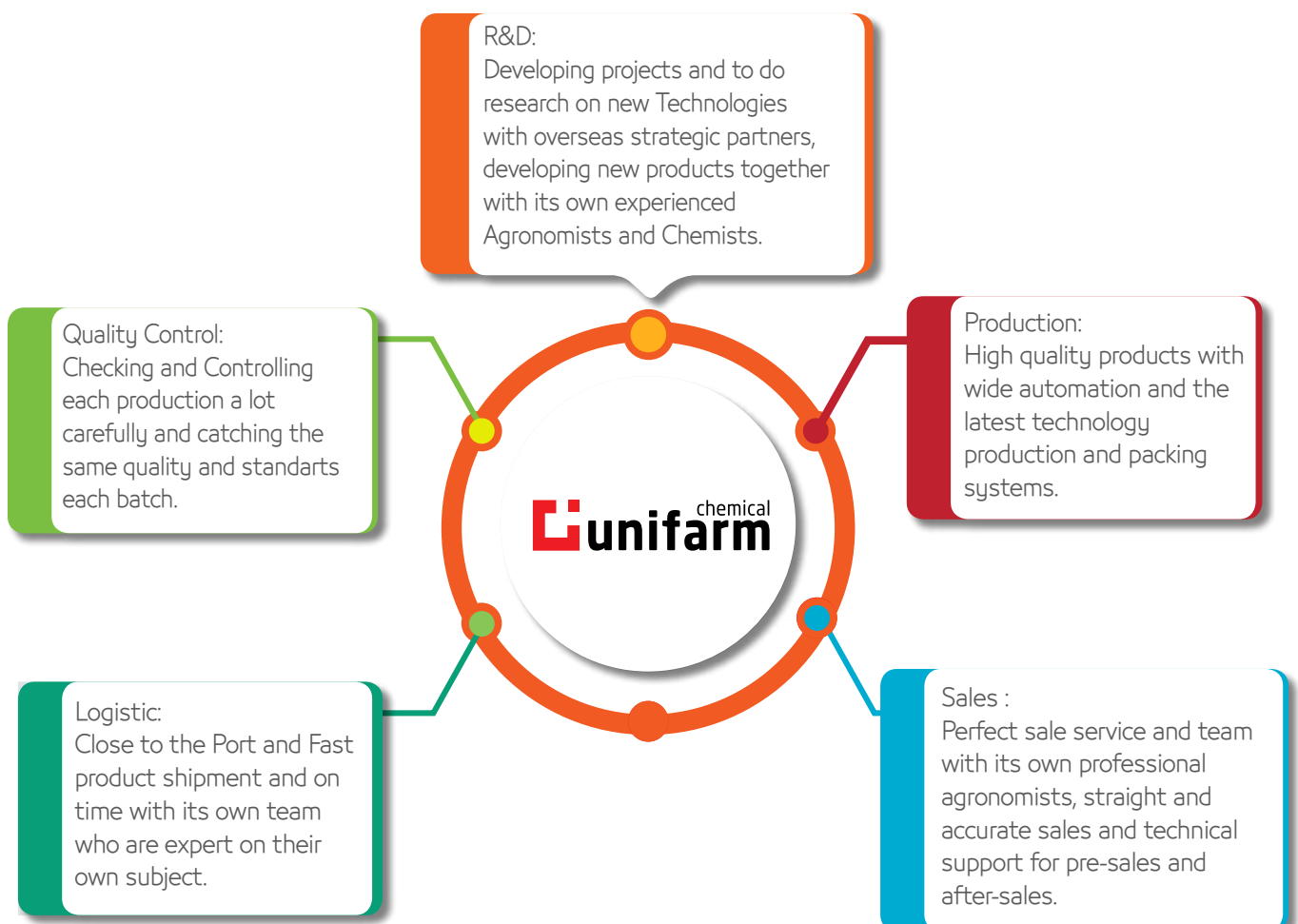
Unifarm Chemical is established in 2010 by one of the leader Plant Nutrition company named Altintar Chemical Company in Turkey.

Altintar was established in 1988 in Turkey and now is one of the leader company in Turkey in sector of plant nutrition, soil improvement and special products. Altintar has exclusive distributorships in Turkey with many international companies for years which are specialist and professional on their business such as Everris, Bioiberica, JH Biotech, Miller Chemical & Fertilizer, Amcol, Nufarm.

In addition to these, Altintar has established a sister company in 2010 called Unifarm Chemical and has started to invest on production with this company. With following new technologies, It has established a professional production facility on an area of 16.500 m<sup>2</sup>. At this stage, It has been found in cooperation with institutes and strategic partners and has entered into R&D activities together.

Unifarm Chemical has started its service on international market with its R&D, Production, Quality Control, Sales and Logistic departments.

Unifarm Chemical also has strategic distribution agreement with some international company such as VAN Iperen International BV, Miller Chemical.





# FORMULA GUIDE

We are using different formation technologies and molecules to enhance our products. Each technology is represented by one of the icons below. You will find those icons under product descriptions to identify the type of technology in each formula.

**LGN**  Lignosulfonates

**PGR**  Plant Growth Regulator

**NDS**  Nutrient Delivery System

**VC**  Vitamin Complex

**SW**  Natural Seaweed Extract

**SC**  Suspencion Concentrate

**TE**  Chelated Trace Elements

**AA**  Amino Acids



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## CERES PRO

Water soluble blend of macro elements



### PACKAGE



25 kg PE/PP



### Description and Benefits

Water soluble blend of macro elements (N-P-K) in addition micro elements (Fe, Zn, Mn, Cu, B).

Produced from highest quality of raw materials from European sources. Contains low-biuret micro prilled urea instead of normal urea grade for more purity and less caking.

More available and easy for plant absorption thanks to our special chelating agents that are a mixture of organic acids and enzymes complex.

- Micro elements are in high amount and EDTA chelated.
- Contains special anti-caking agents to prevent caking problem that is common in competitor products.
- Low EC value, does not contain Chlorine (Cl), Sodium (Na) or heavy metals. So, it is safe to plant leaves and does not cause soil salinization.
- Low pH value, and can be used for alkaline soils.
- %100 water soluble, for prolonged life of irrigation networks.

Formulations	Usage Period	EC
12-36-12+2MgO+TE	Initial And Rooting Term	0,75 mS/cm
18-18-18+TE	Multi-Purpose, Balanced Nutrition	0,98 mS/cm
16-8-24+TE	Fruit Upsizing And Ripening	1,40 mS/cm
11-5-41+TE	Fruit Upsizing And Ripening	0,72 mS/cm
20-10-20+TE	Ripening And Harvest	1,50 mS/cm

### Compositions

12-36-12+2MgO+TE		18-18-18+TE		16-8-24+TE		11-5-41+TE		20-10-20+TE	
Nitrogen	12 %	Nitrogen	18 %	Nitrogen	16 %	Nitrogen	11 %	Nitrogen	20 %
Nitrate	3,5 %	Nitrate	5 %	Nitrate	7 %	Nitrate	10 %	Nitrate	5 %
Ammonium	8,5 %	Ammonium	7 %	Ammonium	7 %	Ammonium	1 %	Ammonium	7 %
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	36 %	Urea	6 %	Urea	2 %			Urea	6 %
Potassium Oxide (K <sub>2</sub> O)	12 %	Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	18 %	Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	8 %	Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	5 %	Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	10 %
Magnesium Oxide (MgO)	2 %	Potassium Oxide (K <sub>2</sub> O)	18 %	Potassium Oxide (K <sub>2</sub> O)	24 %	Potassium Oxide (K <sub>2</sub> O)	41 %	Potassium Oxide (K <sub>2</sub> O)	20 %
B	0,01 %	B	0,01 %	B	0,01 %	B	0,01 %	B	0,01 %
Cu-EDTA	0,004 %	Cu-EDTA	0,004 %	Cu-EDTA	0,004 %	Cu-EDTA	0,004 %	Cu-EDTA	0,004 %
Fe-EDTA	0,03 %	Fe-EDTA	0,03 %	Fe-EDTA	0,03 %	Fe-EDTA	0,03 %	Fe-EDTA	0,03 %
Mn-EDTA	0,02 %	Mn-EDTA	0,02 %	Mn-EDTA	0,02 %	Mn-EDTA	0,02 %	Mn-EDTA	0,02 %
Zn-EDTA	0,03 %	Zn-EDTA	0,03 %	Zn-EDTA	0,03 %	Zn-EDTA	0,03 %	Zn-EDTA	0,03 %

### Dosage

12-36-12+2MgO+TE	18-18-18+TE	16-8-24+TE	11-5-41+TE	20-10-20+TE
Vegetables : 4 - 8 kg / da per week	Vegetables : 4 - 8 kg / da per week	Vegetables : 4 - 8 kg / da per week	Vegetables : 4 - 8 kg / da per week	Vegetables : 4 - 8 kg / da per week
Fruit Trees : 4 - 8 kg / da per week	Fruit Trees : 4 - 8 kg / da per week	Fruit Trees : 4 - 8 kg / da per week	Fruit Trees : 4 - 8 kg / da per week	Fruit Trees : 4 - 8 kg / da per week
Open-Field Crops : 4 - 8 kg / da per week	Open-Field Crops : 4 - 8 kg / da per week	Open-Field Crops : 4 - 8 kg / da per week	Open-Field Crops : 4 - 8 kg / da per week	Open-Field Crops : 4 - 8 kg / da per week



# NUTRIKEY

Water soluble blend of macro elements



**PACKAGE**



25 kg PE/PP



## Description and Benefits

Water soluble blend of macro elements (N-P-K) in addition micro elements (Fe, Zn, Mn, Cu, B).  
Produced from high quality of raw materials.

- Micro elements are EDTA chelated.
- %100 water soluble, for prolonged life of irrigation networks.
- Formulations can be customized according to customer needs.

Formulations	Usage Period
15-30-15+TE	Initial And Rooting Term
18-18-18+TE	Multi-Purpose, Balanced Nutrition
16-8-24+TE	Ripening And Harvest
17-7-21+TE	Ripening And Harvest
9-0-40+TE	Fruit upsizing and ripening
20-10-20+TE	Ripening and harvest

## Compositions

15-30-15+TE		18-18-18+TE		16-8-24+TE		17-7-21+TE		9-0-40+TE		20-10-20+TE	
Nitrogen	15 %	Nitrogen	18 %	Nitrogen	16 %	Nitrogen	17 %	Nitrogen	9 %	Nitrogen	20 %
Nitrate	4.2 %	Nitrate	5 %	Nitrate	6.9 %	Nitrate	6.0 %	Nitrate	6.0 %	Nitrate	5.6 %
Ammonium	7.9 %	Ammonium	6 %	Ammonium	6.9 %	Ammonium	8.5 %	Ammonium	3.0 %	Ammonium	5.6 %
Urea	2.9 %	Urea	7 %	Urea	2.2 %	Urea	2.5 %			Urea	8.8 %
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	30 %	Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	18 %	Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	8 %	Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	7 %			Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	10 %
Potassium Oxide (K <sub>2</sub> O)	15 %	Potassium Oxide (K <sub>2</sub> O)	18 %	Potassium Oxide (K <sub>2</sub> O)	24 %	Potassium Oxide (K <sub>2</sub> O)	21 %	Potassium Oxide (K <sub>2</sub> O)	40 %	Potassium Oxide (K <sub>2</sub> O)	20 %
B	0.01 %	B	0.01 %	B	0.01 %	B	0.01 %	B	0.01 %	B	0.01 %
Cu-EDTA	0.02 %	Cu-EDTA	0.02 %	Cu-EDTA	0.02 %	Cu-EDTA	0.02 %	Cu-EDTA	0.02 %	Cu-EDTA	0.02 %
Fe-EDTA	0.02 %	Fe-EDTA	0.02 %	Fe-EDTA	0.02 %	Fe-EDTA	0.02 %	Fe-EDTA	0.02 %	Fe-EDTA	0.02 %
Mn-EDTA	0.01 %	Mn-EDTA	0.01 %	Mn-EDTA	0.01 %	Mn-EDTA	0.01 %	Mn-EDTA	0.01 %	Mn-EDTA	0.01 %
Molibden	0.001 %	Molibden	0.001 %	Molibden	0.001 %	Molibden	0.001 %	Molibden	0.001 %	Molibden	0.001 %
Zn-EDTA	0.02 %	Zn-EDTA	0.02 %	Zn-EDTA	0.02 %	Zn-EDTA	0.02 %	Zn-EDTA	0.02 %	Zn-EDTA	0.02 %

## Dosage

15-30-15+TE	18-18-18+TE	16-8-24+TE	17-7-21+TE	9-0-40+TE	20-10-20+TE
Vegetables : 4 - 8 kg / da per week	Vegetables : 4 - 8 kg / da per week	Vegetables : 4 - 8 kg / da per week	Vegetables : 4 - 8 kg / da per week	Vegetables : 4 - 8 kg / da per week	Vegetables : 4 - 8 kg / da per week
Fruit Trees : 4 - 8 kg / da per week	Fruit Trees : 4 - 8 kg / da per week	Fruit Trees : 4 - 8 kg / da per week	Fruit Trees : 4 - 8 kg / da per week	Fruit Trees : 4 - 8 kg / da per week	Fruit Trees : 4 - 8 kg / da per week
Open-Field Crops : 4 - 8 kg / da per week	Open-Field Crops : 4 - 8 kg / da per week	Open-Field Crops : 4 - 8 kg / da per week	Open-Field Crops : 4 - 8 kg / da per week	Open-Field Crops : 4 - 8 kg / da per week	Open-Field Crops : 4 - 8 kg / da per week

# MACROGOLD



PACKAGE



20 Lt



- PGR
- NDS
- VC
- SW
- TE

## Description and Benefits

MACROGOLD is a high quality liquid NPK fertilizer with high content of micro elements chelated by EDTA agent. Produced using our special chelating technology which is a mixture of organic acids complexed with enzymes which makes it more easily absorbed by plants. Reduces stress effect and ensures that plant is at its maximum activity level. Balanced pH level which makes it suitable for all irrigation systems and soils.

### Formulations

### Product

### Usage Period

Formulations	Product	Usage Period
8-8-8+TE	MACROGOLD All Season	Multi-Purpose, Balanced Nutrition
5-0-25+TE	MACROGOLD High K	Fruit Upsizing And Ripening
2-20-15+TE	MACROGOLD Special	Balancing Plant Nodes
25-0-0+TE	MACROGOLD High N	Subbranch And Shoot Formation
7-25-0+TE	MACROGOLD High P Booster	Rooting Period And Before Flowering
6-3-9+TE	MACROGOLD Extra	Fruit Upsizing And Filling

## Compositions

Macrogold All Season 8-8-8+TE		Macrogold High K 5-0-25+TE		Macrogold Special 2-20-15+TE		Macrogold High N 25-0-0+TE		Macrogold High P Booster 7-25-0+TE		Macrogold Extra 6-3-9+TE	
Nitrogen	8 %	Nitrogen	5 %	Nitrogen	2 %	Nitrogen	25 %	Nitrogen	7 %	Nitrogen	6 %
Nitrate	1 %	Urea	5 %	Ammonium	2 %	Nitrate	5 %	Nitrate	3.5 %	Urea	6 %
Ammonium	1 %					Ammonium	5 %	Ammonium	3.5 %		
Urea	6 %					Urea	15 %				
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	8 %			Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	20 %			Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	25 %	Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	3 %
Potassium Oxide (K <sub>2</sub> O)	8 %	Potassium Oxide (K <sub>2</sub> O)	25 %	Potassium Oxide (K <sub>2</sub> O)	15 %			B		Potassium Oxide (K <sub>2</sub> O)	9 %
B	0.01 %	B	0.01 %	B	0.01 %			Cu-EDTA	0.01 %	B	0.01 %
Cu-EDTA	0.004 %	Cu-EDTA	0.004 %	Cu-EDTA	0.004 %			Fe-EDTA	0.004 %	Cu-EDTA	0.004 %
Fe-EDTA	0.03 %	Fe-EDTA	0.03 %	Fe-EDTA	0.03 %			Mn-EDTA	0.03 %	Fe-EDTA	0.03 %
Mn-EDTA	0.02 %	Mn-EDTA	0.02 %	Mn-EDTA	0.02 %			Zn-EDTA	0.02 %	Mn-EDTA	0.02 %
Zn-EDTA	0.04 %	Zn-EDTA	0.04 %	Zn-EDTA	0.04 %	Zn-EDTA	0.2 %		0.04 %	Zn-EDTA	0.04 %

## Dosage

Macrogold All Season	Macrogold High K	Macrogold Special	Macrogold High N	Macrogold High P Booster	Macrogold Extra
Vegetables : 2 lt / da	Vegetables : 2 lt / da	Vegetables : 2 lt / da	Vegetables : 2 lt / da	Vegetables : 2 lt / da	Vegetables : 2 lt / da
Fruit Trees : 3-6 lt / da	Fruit Trees : 3-6 lt / da	Fruit Trees : 3-6 lt / da	Fruit Trees : 3-6 lt / da	Fruit Trees : 3-6 lt / da	Fruit Trees : 3-6 lt / da
Open-Field:Crops2-4lt/ da	Open-Field:Crops2-4lt/ da	Open-Field:Crops2-4lt/ da	Open-Field:Crops2-4lt/ da	Open-Field:Crops2-4lt/ da	Open-Field:Crops2-4lt/ da





# PUMASOL



**PACKAGE**



20 Lt



## Description and Benefits

PUMASOL is a high quality liquid NPK fertilizer with high standard content of micro elements chelated by EDTA agent. Reduces stress effect and ensures that plant is at its maximum activity level. Balanced pH level which makes it suitable for all irrigation systems and soils. Formulations can be customized according to customer needs.

Formulations	Product	Usage Period
5-20-0+TE	PUMASOL High P Booster	Rooting Period And Before Flowering
7-7-7+TE	PUMASOL All Season	Multi-Purpose, Balanced Nutrition
7-0-21+TE	PUMASOL High K	Fruit Upsizing And Filling

## Compositions

5-20-0+TE	
Nitrogen	5 %
Nitrate	2.5 %
Ammonium	2.5 %
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	20 %
B	0.01 %
Cu-EDTA	0.004 %
Fe-EDTA	0.003 %
Mn-EDTA	0.02 %
Zn-EDTA	0.04 %

7-7-7+TE	
Nitrogen	7 %
Nitrate	1 %
Ammonium	1 %
Urea	5 %
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	7 %
Potassium Oxide (K <sub>2</sub> O)	7 %
B	0.01 %
Cu-EDTA	0.004 %
Fe-EDTA	0.003 %
Mn-EDTA	0.02 %
Zn-EDTA	0.04 %

7-0-21+TE	
Nitrogen	7 %
Urea	7 %
Potassium Oxide (K <sub>2</sub> O)	21 %
B	0.01 %
Cu-EDTA	0.004 %
Fe-EDTA	0.003 %
Mn-EDTA	0.02 %
Zn-EDTA	0.04 %

## Dosage

5-20-0+TE
Vegetables : 2 lt / da
Fruit Trees : 3-6 lt / da
Open-Field Crops: 2-4 lt / da

7-7-7+TE
Vegetables : 2 lt / da
Fruit Trees : 3-6 lt / da
Open-Field Crops: 2-4 lt / da

7-0-21+TE
Vegetables : 2 lt / da
Fruit Trees : 3-6 lt / da
Open-Field Crops: 2-4 lt / da



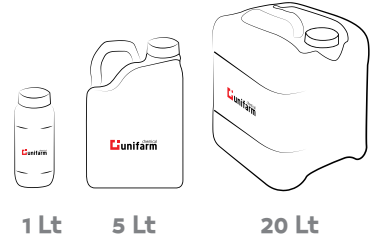
## C 300

Fruit Enhancer



- AA
- SW
- SC
- TE
- PGR

**PACKAGE**



### Description and Benefits

Great source of Potassium for fulfilling plant needs. Potassium is essential for controlling input and output of water, carbon dioxide and oxygen gases through stomas.

C 300 also helps in increasing photosynthesis process by enhancing Magnesium transport in phloem tissues.

- Promotes the enzymatic activities necessary for photosynthesis and respiration.
- Enhances fruit taste, aroma and color.
- Promotes formation and transport of starch, sugar and oil in plant.
- Helps in protecting cell inside-pressure.
- Increases plant resistance against diseases and water loss.

### Compositions

Nitrogen	3 %
Low Biurea	3 %
K <sub>2</sub> O	30 %
MgO	2 %
Mn	0.5 %

### Dosage

#### Soil Application

Vegetables : 1000 - 2000 cc / da

Fruit Trees : 1000 - 2000 cc / da

Open-Field Crops : 1000 - 2000 cc / da

#### Foliar Application

Vegetables : 200 - 400 cc / 100lt water

Fruit Trees : 200 - 400 cc / 100lt water

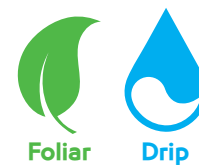
Open-Field Crops : 200 - 400 cc / 100lt water





## K 50

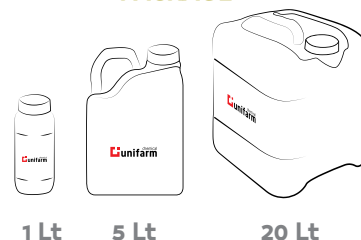
Organic Potassium



PGR

SW

### PACKAGE



1 Lt

5 Lt

20 Lt

### Description and Benefits

K 50 is a low pH High content of Potassium from organic based sources. Supports enzyme activities in plant, minimizes water loss by increasing root development, enhances plant resistance to high temperature climates, increases stoma activities and photosynthesis by decreasing plant respiration. The overall result is a noticeable positive effect on vegetative and generative development.

Also, K 50 supports sugar and starch formation in crops such as sugar cane, sugar beet, corn, soybean and cereals.

In Wheat, K 50 provides upright posture to stem, increases the stability of cell walls and hence increases the resistance to diseases and pests.

In Apple, K 50 promotes fruit setting, rooting, stem development and shapes fruits in bright color, large size, thinner peel and sweet taste.

### Compositions

Potassium (K <sub>2</sub> O)	35.00 % w/w
Potassium (K <sub>2</sub> O)	50.00 % w/v

### Dosage

#### Soil Application

Vegetables : 1000 - 2000 cc / da

Fruit Trees : 1000 - 2000 cc / da

Open-Field Crops : 1000 - 2000 cc / da

#### Foliar Application

Vegetables : 200 - 400 cc / 100lt water

Fruit Trees : 200 - 400 cc / 100lt water

Open-Field Crops : 200 - 400 cc / 100lt water



## FERTILEX BORON

Boron Complex

TE

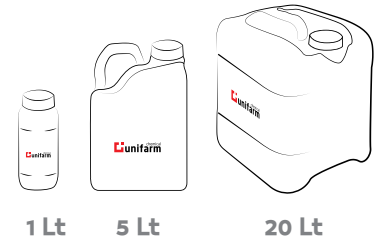
### Compositions

Boron (B)	11%
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Foliar

### PACKAGE



1 Lt

5 Lt

20 Lt

### Description and Benefits

FERTILEX BORON is high source of Boron in liquid form that can be absorbed quickly by plants. Prevents and cures Boron deficiency symptoms. Recommended for crops that are sensitive to Boron deficiency like Sugar Beet, Potato, Sunflower, Banana, Apple, Olive, Celeriac and some vegetables. Promotes flowering and pollen formation. Strengthens cell walls and increases plant tolerance as it supports Calcium uptake. Strengthens fruit stems which means less fruit casting. Strengthens tree branches. Regulates plant development. Supports Calcium uptake.

### Dosage

#### Foliar Application

Vegetables : 150 - 300 cc / 100lt water

Fruit Trees : 150 - 300 cc / 100lt water

Open-Field Crops : 200 - 300 cc / 100lt water



## FERTILEX COPPER

Copper Complex

TE

### Compositions

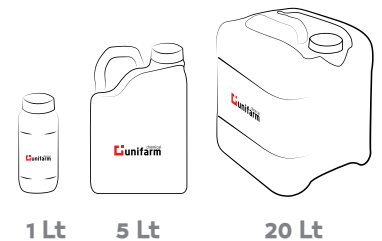
Copper (Cu)	6%
-------------	----



Foliar

Drip

### PACKAGE



1 Lt

5 Lt

20 Lt

### Description and Benefits

FERTILEX COPPER is %100 organic-based Copper chelated by Gluconate agent. It acts in a systemic mode inside plants. Used for controlling Copper deficiency and also for protection and cure against some fungus and bacterial diseases. FERTILEX COPPER also improves protein synthesis. Can be applied by all irrigations systems whether by soil or foliar. Does not cause any phytotoxicity.

### Dosage

#### Soil Application

Vegetables : 1000 - 2000 cc / da

Fruit Trees : 1000 - 2000 cc / da

Open-Field Crops : 1000 - 2000 cc / daFoliar

#### Foliar Application

Vegetables : 100 - 150 cc / 100lt water

Fruit Trees : 100 - 150 cc / 100lt water

Open-Field Crops : 100 - 150 cc / 100lt water



## FERTILEX ZINCMAX

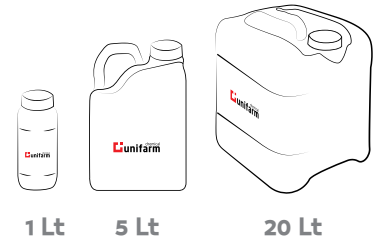
Zinc Complex

PGR

TE



### PACKAGE



Compositions	
Zinc (Zn)	10 %

### Description and Benefits

- Encourages starch formation plants.
- Promotes flowering and pollen formation in vegetables.
- Recommended for plants that are sensitive to Zinc deficiency like Citrus, Peach, Corn, Soybean, Cotton, Potato and Onion.
- Increases the amount of buds, and encourages new shoot formation
- Decreases early defoliation.

### Dosage

#### Soil Application

Vegetables : 500 - 1500 cc / da

Fruit Trees : 500 - 1500 cc / da

Open-Field Crops : 500 - 1500 cc / da

#### Foliar Application

Vegetables : 150 - 200 cc / 100lt water

Fruit Trees : 200 - 250 cc / 100lt water

Open-Field Crops : 200 - 250 cc / 100lt water



## FERTILEX Mn-Zn

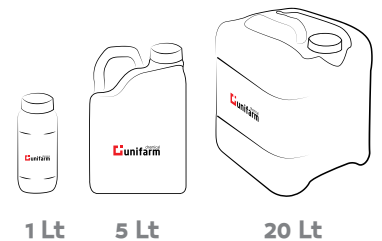
Manganese & Zinc Complex

PGR

TE



### PACKAGE



Compositions	
Nitrogen	3 %
Low Biurea	3 %
P <sub>2</sub> O <sub>5</sub>	15 %
Mn	4 %
Zn	4 %

### Description and Benefits

FERTILEX Mn-Zn is a unique product for greenhouse, open field and fruit crops. It includes Phosphorus for plant and root development, Zinc for flowering, bud and pollen formation, and Manganese for Enzymes and protein activities.

Encourages germination and seed formation.

Promotes cell division.

Helps starch and sugar formation.

Extends shelf life.

Decreases early defoliation.

Promotes bud and shoot formation.

Gives better color to fruits and vegetables.

### Dosage

#### Soil Application

Vegetables : 500 - 1500 cc / da

Fruit Trees : 500 - 1500 cc / da

Open-Field Crops : 500 - 1500 cc / da

#### Foliar Application

Vegetables : 150 - 200 cc / 100lt water

Fruit Trees : 200 - 250 cc / 100lt water

Open-Field Crops : 200 - 250 cc / 100lt water



# FERTILEX MANGANESE

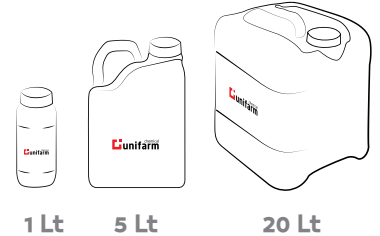
Manganese Complex

PGR

TE



**PACKAGE**



Compositions	
Manganese (Mn)	10 %

## Description and Benefits

FERTILEX MANGANESE is a high source of Manganese in liquid form that can be applied to plant in both foliar or soil application. Recommended for preventing the deficiency of Manganese in sensitive plants. Works as a catalyzer in the process of Chlorophyll and vitamin C syntheses. Does not bond to other elements in water or soil thus it can be easily uptaken by plant. FERTILEX MANGANESE passes perfectly through roots and can easily enter the plant structure.

## Dosage

### Soil Application

Vegetables : 1000 - 2000 cc / da  
Fruit Trees : 1000 - 2000 cc / da  
Open-Field Crops : 1000 - 2000 cc / da

### Foliar Application

Vegetables : 200 - 300 cc / 100lt water  
Fruit Trees : 200 - 300 cc / 100lt water  
Open-Field Crops : 200 - 300 cc / 100lt water



# ZINCPHOS

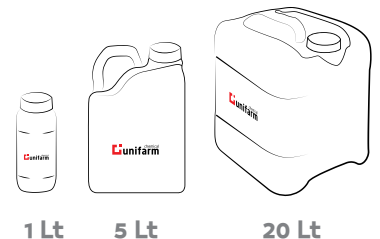
Zinc & Phosphorus Complex

PGR

TE



**PACKAGE**



Compositions	
Nitrogen Urea	3 %
P <sub>2</sub> O <sub>5</sub>	30 %
Zn	8 %
pH	0 %

## Description and Benefits

ZINCPHOS is an efficient product used to promote root development and flowering as well. It also induces pollination and fruit setting due to its high content of Phosphorus and Zinc. ZINCPHOS prevents early defoliation and shoot death, encourages bud formation and development in fruit trees especially Citrus and Peach, increases flowering in Citrus, gives bright color to fruits, encourages growth of Soybean and Pea, increases flowering and grain formation in cereals. Due to its very low pH value, ZINCPHOS balances acid ratio and extends the life of irrigation system and prevents lime scale formation in pipes.

## Dosage

### Soil Application

Vegetables : 1000 - 2000 cc / da  
Fruit Trees : 1000 - 2000 cc / da  
Open-Field Crops : 1000 - 2000 cc / da

### Foliar Application

Vegetables : 200 - 300 cc / 100lt water  
Fruit Trees : 200 - 300 cc / 100lt water  
Open-Field Crops : 200 - 300 cc / 100lt water



## UNICAL PLUS

Calcium & Nitrogen Complex

PGR

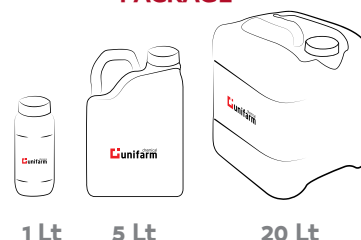
TE

### Compositions

Calcium (CaO)	12 %
Amin Nitrogen (N)	9 %
Boron (B)	0,17 %



### PACKAGE



### Description and Benefits

High quality source of Calcium and Boron enriched with Amine Nitrogen which is the most effective Nitrogen for plants. Encourages generative processes in plant by inducing cell division and development even in winter.

- Increases resistance to diseases.
- Provides longer shelf life after harvest.
- Reduces risk of fruit cracking especially in Apple., Pomegranate and Cherry
- Prevents stem rot in leaf vegetables such as Lettuce, Cabbage and Celery.
- Supports new shoot and root development
- Keeps growing points active in Citrus.
- Helps override of bitter it disease in Apple.
- Promotes elongation in Tomatoes.
- Recommended for vegetables in winter.

### Dosage

#### Soil Application

Vegetables : 2000 - 3000 cc / da

Fruit Trees : 2000 - 3000 cc / da

Open-Field Crops : 2000 - 3000 cc / da

#### Foliar Application

Vegetables : 250 - 300 cc / 100lt water

Fruit Trees : 250 - 300 cc / 100lt water

Open-Field Crops : 250 - 300 cc / 100lt water



## FOMAZINC

Complex of (N-P-Mn & Zn)

PGR

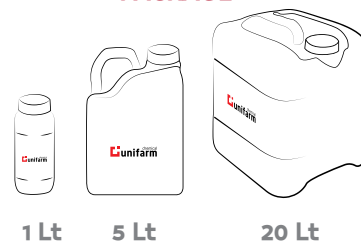
TE

### Compositions

Nitrogen	3 %
Urea	3 %
P <sub>2</sub> O <sub>5</sub>	30 %
Mn	5 %
Zn	5 %



### PACKAGE



### Description and Benefits

FOMAZINC is a good choice for encouraging rooting, flowering, pollination and fruit setting process. It prevents early defoliation and shoot deaths, and enhances bud formation and development especially in fruit trees.

- Gives bright color to fruits and vegetables.
- Encourages growth in Soybean and Pea varieties.
- Increases flowering and grain formation in cereals.
- Low pH, extends life of irrigation networks and prevents lime scale formation inside pipes.

### Dosage

#### Soil Application

Vegetables : 1000 - 2000 cc / da

Fruit Trees : 1000 - 2000 cc / da

Open-Field Crops : 1000 - 2000 cc / da

#### Foliar Application

Vegetables : 200 - 300 cc / 100lt water

Fruit Trees : 200 - 300 cc / 100lt water

Open-Field Crops : 200 - 300 cc / 100lt water



# FOLIMAX



- TE
- PGR
- NDS
- VC

**PACKAGE**



1 kg

5 kg

## Description and Benefits

Foliar NPK+TE fertilizer, passes quickly through plant stoma. Can be used at any plant stage, produced from the highest quality of raw materials chelated by a special technology that involves organic acids complexes with enzymes to make it more easily absorbed by plant.

Trace elements are %100 EDTA chelated.

Includes a special and powerful anti-caking agents to prevent caking problems.

This product is designed for foliar application for professional farmers but it can also be used in all other types of irrigation and fertigation systems.

- Suitable for foliar applications.
- Low EC value, No Chlorine, No Sodium.
- EDTA chelated micronutrients
- Easily available to plants

## Formulations

10-40-10+TE

20-20-20+TE

5-5-38+2MgO+TE

0-40-40+TE

0-24-6+12CaO+10Zn

## Compositions

10-40-10+TE		20-20-20+TE		5-5-38+2MgO+TE		0-40-40+TE		0-24-6+12CaO+10Zn	
Nitrogen	10 %	Nitrogen	20 %	Nitrogen	5 %				
Ammonium	8 %	Nitrate	3.5 %	Urea	5 %				
Urea	2 %	Ammonium	2.5 %						
		Urea	14 %						
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	40 %			Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	5 %	Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	40 %	Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	24 %
Potassium Oxide (K <sub>2</sub> O)	10 %	Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	20 %	Potassium Oxide (K <sub>2</sub> O)	38 %	Potassium Oxide (K <sub>2</sub> O)	40 %	Potassium Oxide (K <sub>2</sub> O)	6 %
		Potassium Oxide (K <sub>2</sub> O)	20 %	Magnesium Oxide (MgO)	2 %			Calcium Oxide (CaO)	12 %
B	0.01 %	B	0.01 %	B	0.01 %	B	0.01 %	Zn	10 %
Cu-EDTA	0.004 %	Cu-EDTA	0.004 %	Cu-EDTA	0.004 %	Cu-EDTA	0.004 %		
Fe-EDTA	0.03 %	Fe-EDTA	0.03 %	Fe-EDTA	0.03 %	Fe-EDTA	0.03 %		
Mn-EDTA	0.02 %	Mn-EDTA	0.02 %	Mn-EDTA	0.02 %	Mn-EDTA	0.02 %		
Zn-EDTA	0.04 %	Zn-EDTA	0.04 %	Zn-EDTA	0.04 %	Zn-EDTA	0.04 %		

## Dosage

20-20-20+TE	20-20-20+TE	5-5-38+2MgO+TE	0-40-40+TE	0-24-6+12CaO+10Zn
Vegetables : 250 - 300 gr / 100 lt water	Vegetables : 250 - 300 gr / 100 lt water	Vegetables : 250 - 300 gr / 100 lt water	Vegetables : 250 - 300 gr / 100 lt water	Vegetables : 250 - 300 gr / 100 lt water
Fruit Trees : 250 - 300 gr / 100 lt water	Fruit Trees : 250 - 300 gr / 100 lt water	Fruit Trees : 250 - 300 gr / 100 lt water	Fruit Trees : 250 - 300 gr / 100 lt water	Fruit Trees : 250 - 300 gr / 100 lt water
Open-FieldCrops:250-300gr/100ltwater	Open-FieldCrops:250-300gr/100ltwater	Open-FieldCrops:250-300gr/100ltwater	Open-FieldCrops:250-300gr/100ltwater	Open-FieldCrops:250-300gr/100ltwater



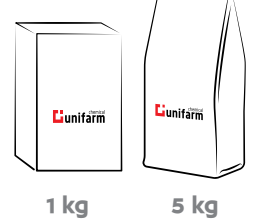


# MICROFARM MIX

EDTA Mix of  
Micro Elements



**PACKAGE**



## Description and Benefits

High quality mix of micro elements that are essential for many plant processes formulated by real EDTA chelation agent to make it easily available for absorption by plant. Recommended for all crops  
Promotes vegetative development by increasing the photosynthesis process and strengthens plant against stress conditions.  
Totally water soluble and anti-caking which make it ideal for foliar applications.

Compositions	
Zn EDTA	4%
Fe EDTA	4%
Mn EDTA	3%
B	1.5%
MgO	1.1%
Cu EDTA	0.6%
Mo	0.05%

## Dosage

### Soil Application

- Vegetables : 250 - 300 cc / da
- Fruit Trees : 250 - 300 cc / da
- Open-Field Crops : 250 - 300 cc / da

### Foliar Application

- Vegetables : 50 - 70 cc / 100lt water
- Fruit Trees : 50 - 100 cc / 100lt water
- Open-Field Crops : 50 - 100 cc / 100lt water





# MICROFARM ZINC

Zinc EDTA



TE

Compositions	
Zn-EDTA	15 %

PACKAGE



1 kg

5 kg

## Description and Benefits

High quality source of Zinc in EDTA chelated form. Recommended for crops that are sensitive for Zinc deficiency such as Citrus, Peach, Corn, Soybean, Cotton, Potato and Onion. Promotes flowering and pollen formation in all vegetables. Encourages starch formation.

- Easily available to plants due to Real EDTA chelation.
- Promotes formation of new shoots, and increases amount of buds.
- Decrease early defoliation.
- Excellent effect even in high pH and lime soils.
- Water soluble and anti-caking.
- Can be mixed with most other fertilizers.

## Dosage

### Soil Application

Vegetables : 200 - 400 gr / da

Fruit Trees : 200 - 400 gr / da

Open-Field Crops : 200 - 400 gr / da

### Foliar Application

Vegetables : 100 - 150 gr / 100lt water

Fruit Trees : 100 - 150 gr / 100lt water

Open-Field Crops : 100 - 150 gr / 100lt water



# MICROFARM IRON

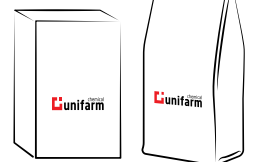
Chelated Iron



TE

Compositions	
Fe-EDDHA	6 %

PACKAGE



1 kg

5 kg

## Description and Benefits

MICROFARM IRON is a %6 Fe chelated by EDDHA agent in a microgranular form. Recommended for controlling Fe deficiency in sensitive crops.

Economic price and fast effect. Suitable for vegetables and greenhouses.

Can be used in all types of irrigation systems, and recommended for soilless culture and greenhouses.

Essential for chlorophyll synthesis, enzyme activation protein formation and respiration.

Easy to be handled thanks to its microgranular form, does not cause any dust while mixing, dissolves quickly in water.

## Dosage

### Soil Application

Vegetables : 1gr/m<sup>2</sup> or 1gr / 1lt water

Fruit Trees : 20-200 gr / tree (depending on size)



# UNIFER PLUS

Chelated Iron



TE

Compositions	
Fe-EDDHA	6 %

PACKAGE



1 kg

5 kg

## Description and Benefits

UNIFER PLUS is a %6 Fe EDDHA chelated with %3 in the ortho-ortho isomer location. Formulated in micro-granular form to avoid dust and be more easy for handling.

Essential for chlorophyll synthesis, enzyme activation, protein formation and respiration.

Easy to be handled thanks to its micro-granular form, it does not cause any dust while mixing, dissolves quickly in water.

Can be used in all types of irrigation systems. Recommended for soilless culture and greenhouses.

## Dosage

### Soil Application

Vegetables : 1gr/m<sup>2</sup> or 1gr / 1lt water

Fruit Trees : 20-200 gr / tree (depending on size)



# MICROFERRO 48

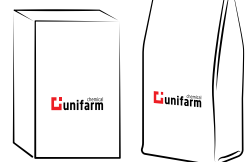
Chelated Iron



TE

Compositions	
Fe-EDDHA	6 %
Ortho-Ortho	4.8 %

PACKAGE



1 kg

5 kg

## Description and Benefits

MICROFERRO 48 is a %6 Fe EDDHA chelated with %4.8 in the ortho-ortho isomer location. Formulated in micro-granular form to avoid dust and be more easy for handling.

Essential for chlorophyll synthesis, enzyme activation, protein formation and respiration.

Easy to be handled thanks to its micro-granular form, it does not cause any dust while mixing, dissolves quickly in water.

Can be used in all types of irrigation systems. Recommended for soilless culture and greenhouses.

## Dosage

### Soil Application

Vegetables : 1gr/m<sup>2</sup> or 1gr / 1lt water

Fruit Trees : 20-200 gr / tree (depending on size)

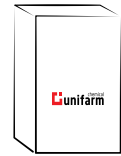
# UNIMICRO BORON

Boron Fertilizer



Compositions	
Boron (B)	15 %

PACKAGE



1 kg

5 kg



## Description and Benefits

Cost effective source of Boron which is one of the key micronutrients responsible for growth and development of health plants.  
Complexed with Lignosulfonates for easier absorption by plant.  
Important fertilizer that promotes crop yields, improve plant health and quality, and gives higher profits to farmers.  
Essential for crops that are sensitivity to Boron deficiency and also needed for other crops especially in certain climates and soil conditions.  
UNIMICRO BORON should be applied in early stages to avoid appearing of un-recoverable deficiency symptoms.

## Dosage

### Foliar Application

Vegetables : 100 - 150 gr / 100lt water

Fruit Trees : 100 - 150 gr / 100lt water

Open-Field Crops : 100 - 150 gr / 100lt water

# UNIMICRO COMBI

Micronutrients Mix



Compositions	
Zn	6%
Mn	4%
Fe	2%
Cu	0.5%
B	0.5%

PACKAGE



1 kg

5 kg



## Description and Benefits

- Cost effective source of Trace elements.
- Induces cell division, prolongation and growth.
- Promotes sugar formation by increasing photosynthesis.
- Protects plant from stress conditions.
- Supports flower development during flowering period.
- Increases yield and enhances fruit quality.
- Encourages capillary root formations.
- Enhances the pollination activity of bees due to increasing pollen formation.
- Increases fruit quality in terms of color, taste and aroma. And prevents discoloration.
- Produced by Uni-Powder Chelating Technology (UPCT) that prevents binding of trace elements in soil and provides nutrients to plant in highest level.

## Dosage

### Soil Application

Vegetables : 500 - 1000 gr / da

Fruit Trees : 1000 - 1500 gr / da

Open-Field Crops : 1000 - 1500 gr / da

### Foliar Application

Vegetables : 150 - 200 gr / 100lt water

Fruit Trees : 250 - 300 gr / 100lt water

Open-Field Crops : 250 - 300 gr / 100lt water



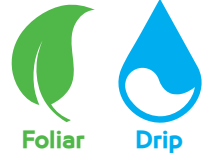
## UNIMICRO Zn-B

Zinc & Boron Mix

LGN

TE

PGR



PACKAGE



1 kg

5 kg

### Compositions

Zinc	14 %
Boron	8 %
Sulphur	7.5 %

### Description and Benefits

Cost effective source of Zinc and Boron. Supports flowering and pollen formation in vegetables and strengthens fruit stem. Recommended for crops that are sensitive to Boron deficiency such as sugar beet, potatoes, sunflower, banana, apple, olive and all vegetables.

Also effective on crops which are sensitive to low Zinc such as corn, soybean, cotton, potatoes and onions.

Encourages growth in soybean and pea varieties and increases flowering and grain formation.

- Enhances flowering and fruit formation.
- Controls Zinc and Boron deficiency symptoms.
- Complexed with Lignosulfonates for easier absorption by plant.

### Dosage

#### Soil Application

Vegetables : 500 - 1000 gr / da

Fruit Trees : 1000 - 1500 gr / da

Open-Field Crops : 1000 - 1500 gr / da

#### Foliar Application

Vegetables : 100 - 150 gr / 100lt water

Fruit Trees : 100 - 150 gr / 100lt water

Open-Field Crops : 100 - 150 gr / 100lt water



## UNIMICRO Mg-Mn-Zn

Micronutrients Mix

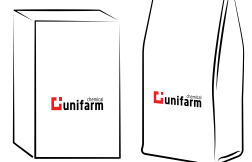
LGN

TE

PGR



PACKAGE



1 kg

5 kg

### Compositions

Mn	18 %
Zn	10 %
MgO	10 %

### Description and Benefits

• A special product that contains 3 different micro elements (Magnesium, Manganese, and Zinc). Complexed with Lignosulfonates for easier absorption by plant.

• Helps increasing the concentration of Vitamin A and C in fruits especially in Citrus.

• Prevents Magnesium deficiency in young trees with high fruit settings.

• Encourages budding and increases the amount of buds.

• High Manganese content stimulates the important enzymes and works in harmony with Magnesium.

### Dosage

#### Soil Application

Vegetables : 500 - 1000 gr / da

Fruit Trees : 1000 - 1500 gr / da

Open-Field Crops : 1000 - 1500 gr / da

#### Foliar Application

Vegetables : 100 - 150 gr / 100lt water

Fruit Trees : 100 - 150 gr / 100lt water

Open-Field Crops : 100 - 150 gr / 100lt water

# HUMIFARM 70

Potassium Humate



Compositions	
Humic and Fulvic Acids	70 %
K <sub>2</sub> O	4 %

**PACKAGE**



**Description and Benefits**

HUMIFARM 70 is an organic soil conditioner and %100 soluble fertilizer produced from plant origin Leonardite and formulated in fine flakes for easy use and better handling.

Contains high percentage of organic matter in form of Humic and Fulvic acids which are known for increasing soil fertility.

It improves soil structure by increasing the cation exchange capacity (CEC) and water holding capacity, as a result soil will be more capable to hold nutrients

without being leached down and those nutrients will be retained in available form for plant uptake through roots.

HUMIFARM 70 also helps in regulating soil acidity and salinity, and enhances the activity of microbial soil organisms and root growth.

Recommended for all agricultural and ornamental crops especially in poor soils. Can be used with all root irrigation and fertigation systems. Not recommended for foliar application.

**Dosage**

**Soil Application**

2-10 Kg/Ha

according to plant density and soil type.

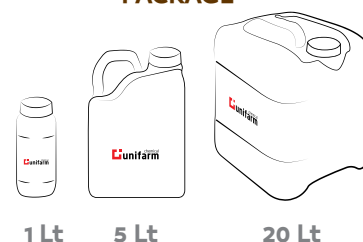
# HUMIFARM PLUS

Humic + Fulvic Acid



Compositions (w/w)	
Organic Matter	15 %
Humic + Fulvic Acid	12 %
K <sub>2</sub> O	3 %

**PACKAGE**



**Description and Benefits**

HUMIFARM PLUS is an organic fertilizer that contains Humic and Fulvic acids extracted from best source of Leonardite (USA origin). It improves soil organic contents and encourages plant development. Regulates physical structure of soil and increases water holding and ventilation capacity. Nutrients are chelated in a way that makes them easier for plant to uptake.

- Water-soluble. Suitable for drip irrigation.
- Encourages overall plant development.
- Improves soil organic matter and Humic-Fulvic content.
- Increases micro-organisms in soil.
- Prevents ionism by breaking the salts and lime.

**Dosage**

**Foliar Application**

Vegetables : 1000- 2000 cc / da

Fruit Trees : 1000- 2000 cc / da

Open-Field Crops : 1000- 2000 cc / da



# EXTRAMIN

Plant Origin Amino Acids



**PACKAGE**



20 Lt

Compositions	
Organic Matter	35 %
Free Amino Acids	5 %
Organic Nitrogen	3 %
Organic Carbon	18 %
Soluble Potassium Oxide	4 %
pH	6-8

## Description and Benefits

A perfect source of Amino Acids that are most needed during stress conditions such as high temperature, low moisture or frost. Encourages growth by increasing cell wall thickness and stability.

- Promotes plant development in general.
- Induces flowering, pollen formation and fruit setting by balancing plant hormones.
- Supports photosynthesis and carbohydrates formation.
- Quickly absorbed by plants which means fast efficiency
- And can be used as a chelating agent by mixing with other fertilizers to increase its absorption and efficacy.
- Recommended for drip and root applications.

## Dosage

### Soil Application

- Vegetables : 1000 - 2000 cc / da
- Fruit Trees : 1000 - 2000 cc / da
- Open-Field Crops : 1000 - 2000 cc / da

### Foliar Application

- Vegetables : 200 - 300 cc / 100lt water
- Fruit Trees : 300 - 400 cc / 100lt water
- Open-Field Crops : 300 - 400 cc / 100lt water

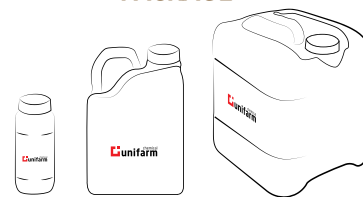


# NUTRAMINO

Amino Acids



**PACKAGE**



1 Lt    5 Lt    20 Lt

Compositions	
Organic Matter	30 %
Organic Carbon	10 %
Free Amino Acids	10 %
Organic Nitrogen	1.5 %
K <sub>2</sub> O	1 %

## Description and Benefits

NUTRAMINO is a perfect source of amino acids to be used during stress conditions such as low moisture, frost, high temperature or drought. Encourages growth, increases cell walls thickness and stability. Increases efficacy of other fertilizers when mixed because it works as a chelating agent.

- Promotes flowering, pollen formation and fruit setting.
- Balances plant hormones.
- Supports Carbohydrate and photosynthesis formation.
- Quickly absorbed by plants.
- Encourages plant growth and development.
- Recommended for stress conditions.
- Suitable for foliar applications.

## Dosage

### Soil Application

- Vegetables : 1000 - 2000 cc / da
- Fruit Trees : 1000 - 2000 cc / da
- Open-Field Crops : 1000 - 2000 cc / da

### Foliar Application

- Vegetables : 200 - 300 cc / 100lt water
- Fruit Trees : 300 - 400 cc / 100lt water
- Open-Field Crops : 300 - 400 cc / 100lt water



# ALGAMAX

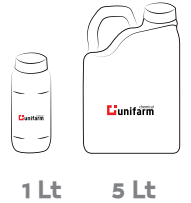
Seaweeds

PGR

SW



**PACKAGE**



Compositions	
Organic Matter	10 %
K <sub>2</sub> O	3 %
Alginic Acid	1 %
pH	7-9
EC (dS/m)	9,8

**Description and Benefits**

ALGAMAX is used for speeding up plant activity and balancing growth. Recommended for having healthier plant and better quality of fruits and yield.

- Increases biological activities.
- Promotes flowering and fruit setting.
- Increases fruit quantity.
- Increases yield quantity and quality.
- Helps the plant to overcome stress conditions.

**Dosage**

**Soil Application**

- Vegetables : 250 - 400 cc / da
- Fruit Trees : 250 - 400 cc / da
- Open-Field Crops : 250 - 400 cc / da

**Foliar Application**

- Vegetables : 100 - 150 cc / 100lt water
- Fruit Trees : 100 - 150 cc / 100lt water
- Open-Field Crops : 100 - 150 cc / 100lt water



# FRUIT ME

Fruit Setting Complex

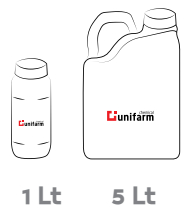
PGR

VC

TE



**PACKAGE**



Compositions	
Zn	8 %
B	1 %
Mo	0.5 %
PGR	0.1 %
Vitamins	0.02 %

**Description and Benefits**

A special formula that contains high trace elements mixture with plant growth regulators designed to support flowering, pollen formation and fruit setting. Molybdenum helps binding the Nitrogen in air with Rhizobium bacteria. Strongly recommended for plants that are sensitive to Zinc or Boron deficiency like Apple, Cotton, Corn, Olive, Vegetables, Soybean, Onion, Sugar Beet, Potatoes, and Sunflower.

- Encourages plant growth in general.
- Designed to promotes flowering and fruit setting.
- Strengthens fruit stem.
- Increases grain formation in cereals.

**Dosage**

**Foliar Application**

- Vegetables : 250 - 300 cc / 100lt water
- Fruit Trees : 250 - 300 cc / 100lt water
- Open-Field Crops : 250 - 300 cc / 100lt water



# UNIFARM ACTIVATOR

Natural Biostimulant

PGR  TE  SW  VC 



Compositions	
Organic matter	25%
Seaweeds	10%
Free Amino Acids	10%
Total Nitrogen (2% Organic -N + 1.85 Ureic-N)	3.85%
K <sub>2</sub> O	1%
Gibberellin, Cytokinin, Auxin	0.125%
Trace Elements	0.1%

**PACKAGE**



## Description and Benefits

UNIFARM ACTIVATOR is a unique mix designed for balancing and boosting plant growth especially under stress conditions. This mix contains natural plant growth regulators, high amount of organic matter in different forms including Humic & Fulvic acids and seaweeds.

Recommended for fruits and field crops in early stages. Increases root formation, promotes flowering and fruit setting.

- Recommended for stress conditions.
- Promotes flowering and fruit setting.
- Increases yield quantity and quality.
- Safe on useful insects.

## Dosage

### Soil Application

Vegetables : 500 - 600 cc / da

Fruit Trees : 500 - 600 cc / da

Open-Field Crops : 500 - 600 cc / da

### Foliar Application

Vegetables : 100 - 200 cc / 100lt water

Fruit Trees : 100 - 200 cc / 100lt water

Open-Field Crops : 100 - 200 cc / 100lt water



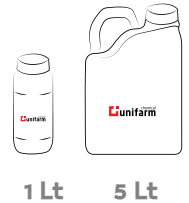


# UNIFARM PHOSPHITE-Cu

Natural Fungicide & Fertilizer



**PACKAGE**



Compositions	
Nitrogen	11 %
Ammonium	11 %
PO <sub>3</sub>	22 %
Cu	4 %

**Description and Benefits**

UNIFARM PHOSPHITE-Cu is a natural fertilizer, fungicide biostimulant that can be applied by foliar or drip irrigation. It moves quickly inside the plant after application to start its action.

As a fertilizer, it acts as a source of Phosphorus, Nitrogen and Copper.

As a fungicide it controls Downy Mildew, Phytophthora and Pythium.

UNIFARM PHOSPHITE-Cu works by promoting the natural self-defenses of the plants by increasing their resistance to stress and critical environmental, nutritional and pathological conditions because it promotes the synthesis of phytoalexins, Lingin and enzymatic processes.

UNIFARM PHOSPHITE-Cu is Safe for the environment and not phytotoxic to plants at all.

**Dosage**

**Soil Application**

Vegetables	: 1000 - 1300 cc / da
Fruit Trees	: 1000 - 1300 cc / da
Open-Field Crops	: 1000 - 1300 cc / da

**Foliar Application**

Vegetables	: 100 - 150 cc / 100lt water
Fruit Trees	: 100 - 150 cc / 100lt water
Open-Field Crops	: 100 - 150 cc / 100lt water

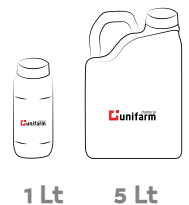


# UNIFARM PHOSPHITE-K

Natural Fungicide & Fertilizer



**PACKAGE**



Compositions	
PO <sub>3</sub>	30 %
K <sub>2</sub> O	20 %

**Description and Benefits**

UNIFARM PHOSPHITE-K is a natural fertilizer, fungicide biostimulant that can be applied by foliar or drip irrigation. It moves quickly inside the plant after application to start its action.

As a fertilizer, it acts as a source of Phosphorus and Potassium.

As a fungicide it controls Downy Mildew, Phytophthora and Pythium.

UNIFARM PHOSPHITE-K works by promoting the natural self-defenses of the plants by increasing their resistance to stress and critical environmental, nutritional and pathological conditions because it promotes the synthesis of phytoalexins, Lingin and enzymatic processes.

UNIFARM PHOSPHITE-K is Safe for the environment and not phytotoxic to plants at all.

**Dosage**

**Soil Application**

Vegetables	: 1000 - 1500 cc / da
Fruit Trees	: 1000 - 1500 cc / da
Open-Field Crops	: 1000 - 1500 cc / da

**Foliar Application**

Vegetables	: 200 - 300 cc / 100lt water
Fruit Trees	: 200 - 300 cc / 100lt water
Open-Field Crops	: 200 - 300 cc / 100lt water



## DROPPER

pH Regulator



### PACKAGE



Compositions	
Total Nitrogen	15 %
Ureic Nitrogen	15 %
Sulphur (S)	16 %
pH	0-1

### Description and Benefits

DROPPER is a safe acid used as pH regulator and a fertilizer. It can be used for the following purposes:

- Reducing the water pH level in mixing tank to make it suitable for mixing with pesticides and fertilizers in order to improve the structure of the spray solution and promote the absorption of nutrients by plant.
- Unblocking drippers and irrigation network and preventing clogging.
- A Nitrogen and Sulphur Fertilizer; each 1 liter of Dropper contains

### Dosage

100 - 150 cc / 100lt water

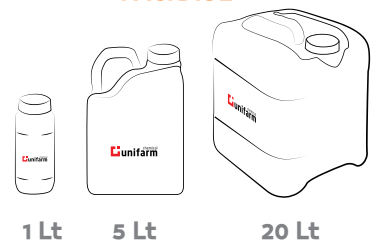


## DESAFER

Salinity Corrector



### PACKAGE



Compositions	
CaO	11%
NO <sub>3</sub> -N	6%

### Description and Benefits

DESAFER is a salinity corrector based on Calcium complexed with special cation exchangers (Polignates) that reduces salinity by displacing Sodium with Calcium. It also contains organic matter that is also useful for increasing the soil CEC (cation-exchange capacity) and moving the Sodium ions.

recommended for saline and poor soils or saline irrigation water.

Also used to control Calcium deficiency especially on crops that are sensitive to Calcium insufficiency.

DESAFER can be used on all Kind of crops and all growing stages.

It can be applied by foliar or by soil, but soil application is recommended to obtain best results and to avoid any possible wrong application.

### Dosage

#### Soil Application

100-150 ml/Da

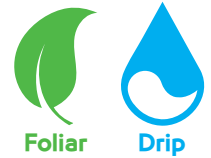
#### Foliar Application

400-500 ml / 100 L water

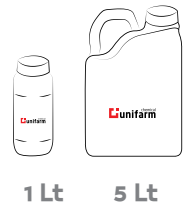


## ADJUMIX

Adjuvant and Mixing Agent



### PACKAGE



1 Lt

5 Lt

### Compositions

Alkylaryl polyoxyethylene glycol phosphate ester	70 %
Other Ingredients	30 %

### Description and Benefits

ADJUMIX is a versatile multi-purpose adjuvant for improving performance of other pesticides and fertilizers and reducing spray application problems.

It works as spreader, compatibility agent, buffer, acidifier and nozzle cleaner.

ADJUMIX is used as a mixing agent of two or more different products to ensure compatibility and increases products activity by increasing solubility and stability in spray solution.

It increases the coverage area of spray solution on plant leaves surface and avoids quick slipping of drops.

ADJUMIX also works as a pH regulator to stabilize the acidity of the spray solution at a desired constant level specially when with alkaline products, soils or water.

The result is maximizing efficacy of the used pesticides or fertilizer.

### Dosage

50 cc / 100lt water











 **unifarm** chemical

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