

Turkey

Discover  
the potential



*Just Doing  
Our Job...*



## MR.®JOKERwsf®



### Package Size:

2 kg. - 15 kg.

pH 2,5-4

EC 0,60-0,70

### Recommended

### Doses of

### Application

#### Foliar:

100 - 200 gr.

/100 lt. water

Soil: 0,3 - 1 kg.

/decare

(greenhouse)

Soil: 1-3 kg.

/decare (field)

MR.®JOKER does not contain any additives. Except for high quality macro and micro elements, the only external elements contained in MR.® JOKER are MR.® technology enzymes, chelates, agents and proteins.

- MR.®JOKER has 54 different types of enzyme, which are powerful enough to revive the plant.
- MR.®JOKER has 100% solubility in water and its effectiveness on the plant is very high.
- The ammonium form of Nitrogen (N) contained in MR.®JOKER is fully chelated, with reduction in Nitrogen levels.
- The chelation technology utilized in MR.®JOKER prevents Phosphorus ( $P_2O_5$ ) from getting bound to the soil and enables the plant to absorb all the elements.
- The chelation technology of MR.®JOKER keeps the Nitrogen-Potassium balance intact and helps Potassium to be taken up to a maximum level.
- Can be applied on both leaves and soil.
- Helps dissolve nutrients locked up in the soil.

### The MR.®Technology of MR.®JOKER:

- I. Regulates the pH level of the soil and near environs.
- II. Quickly eliminates physiological disorders of the plant, which occur during periods of stress.
- III. Encourages multiplication of meristematic cells.
- IV. Makes significant contribution to the development of roots, shoots and fruit.
- V. Provides low pH and low EC.

Taking the above features into consideration, even a half-dosage of MR.®JOKER is going to be a great deal more effective on the plant than most other fertilizers on the market.

### Formulation & Ingredients

18-18-18+TE/20-20-20+TE/15-30-15+TE

05-05-40+TE/20.10.20+TE/16-8-24+TE

15-5-30+TE/10.40.10+TE 30.10.10+TE

The micro elements are %100 chelated with EDTA.

### Enzymes-Agents

## MR.®CODEwsf®

### Formulation & Ingredients

18-18-18+TE/20-20-20+TE

15-30-15+TE/03-05-40+TE

20.10.20+TE/16-8-24+TE/15-5-30+TE

The micro elements are %100 chelated with EDTA

### Enzymes-Agents

MR.®CODE does not contain any additives. Except for high quality macro and micro elements, the only external elements contained in MR.®CODE are MR.® technology enzymes, chelates, agents and proteins.

- MR.®CODE, has 45 different types of enzyme, which are powerful enough to revive the plant.
- MR.®CODE has %100 solubility in water and its effectiveness on the plant is very high.
- The ammonium form of Nitrogen(N) contained in MR.®CODE is fully chelated, with reduction in Nitrogen levels.
- The chelation technology utilized in MR.®CODE prevents Phosphorus ( $P_2O_5$ ) from getting bound to the soil and enables the plant to absorb the elements.
- The chelation technology of MR.®CODE keeps the Nitrogen-Potassium balance intact and helps Potassium to be taken up to a maximum level.
- Can be applied to both leaves and soil.
- Help dissolve nutrients locked up in the soil.

### The MR.®Technology of MR.®CODE

- I. Regulates the pH level of the soil and near environs.
  - II. Quickly eliminates physiological disorders of the plant, which occur during periods of stress.
  - III. Encourages multiplication of meristematic cells.
  - IV. Makes significant contribution to the development of root, shoots and fruit.
  - V. Provides low pH and low EC.
- Taking the above features into consideration, even a half-dosage of MR.®CODE WSF is going to be a great deal more effective on the plant than most other fertilizers on the market.



### Package Size:

2kg.-10kg - 15kg

pH: 2,5-4

EC: 0,60-0,70

### Recommended

### Doses of

### Application

#### Foliar:

100-250 gr.

/100 lt. water

Soil:

0,3 kg.-1 kg.

/decare

(greenhouse)

Soil:

1-3 kg./decare

(field)

## MR.®ALLYwsf®

### Formulation & Ingredients

18-18-18+TE/20-20-20+TE

15-30-15+TE/03-05-40+TE

20.10.20+TE/16-8-24+TE/15-5-30+TE

The micro elements are 100% chelated with EDTA

### Enzymes-Agents

MR.®ALLY does not contain any additives. Except for high quality macro and micro elements, the only external elements contained in MR.®ALLY are MR.®technology enzymes, chelates, agents and proteins.

- MR.®ALLY has 24 different types of enzyme, which are powerful enough to revive the plant.
- MR.®ALLY has 100% solubility in water and its effectiveness on the plant is very high.
- The ammonium form of Nitrogen (N) contained in MR.®ALLY is fully chelated, with reduction in Nitrogen levels.
- The chelation technology utilized in MR.®ALLY prevents Phosphorus ( $P_2O_5$ ) from getting bound to the soil and enables the plant to absorb the elements.
- The chelation technology of MR.®ALLY keeps the Nitrogen-Potassium balance intact and helps Potassium to be taken up to a maximum level.
- Can be applied to both leaves and soil.
- Help dissolve nutrients locked up in the soil.

### The MR.®Technology of MR.®ALLY:

- I. Regulates the pH level of the soil and near environs.
  - II. Quickly eliminates physiological disorders of the plant, which occur during periods of stress.
  - III. Encourages multiplication of meristematic cells.
  - IV. Makes significant contribution to the development of root, shoots and fruit.
  - V. Provides low pH and low EC.
- Taking the above features into consideration, even a half-dosage of MR.®ALLY is going to be a great deal more effective on the plant than most other fertilizers on the market.



### Package Size:

1 kg - 20 kg

pH: 3-4

EC: 0,90-1,1

### Recommended

### Doses of

### Application

#### Foliar:

200-300 gr.

/100 lt.

water

Soil:

0,5 kg.-1 kg.

/decare

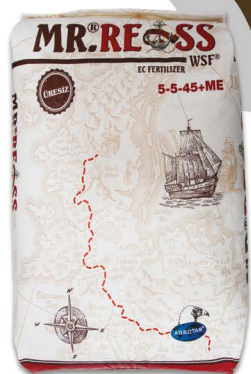
(greenhouse)

Soil:

2-4 kg./decare

(field)

## MR.®REISS<sup>wsf</sup>®



Package Size: 25 kg  
pH: 3-4  
EC: 0,90-1,1  
Recommended  
Doses of Application  
Foliar Application :  
200-300 gr./100 lt/water  
Drip Irrigation :  
0,50-1 kg/decare  
(in greenhouses)  
Soil Application :  
2-4 kg/decare  
(in open areas)

### Formulation & Ingredients

20-20-20+ME/10-40-10+ME/16-8-24+ME  
10-5-30+ME/18-18-18 +ME/30-10-10+ME  
20-10-20+ME/5-5-45+ME/15-30-10+ME

The micro elements are 100% chelated with EDTA. Does not contain Urea.

### Enzymes-Agents

MR.®REISS is free of additives. Except for the high-quality macro and micro elements used in the ingredients, MR.®technology (enzymes, chelates, agents and proteins) is completely formed.

- MR.®REISS has the ability to revitalize the plant with 24 different enzyme powers.
- Ammonia form of nitrogen (N) in MR.®REISS is completely chelated, losses in nitrogen level are close to zero.
- MR.®chelating technology in MR.®REISS prevents phosphorus ( $P_2O_5$ ) from bonding in the soil and ensures that all elements are taken up by the plant.
- The MR.®chelating technology in MR.®REISS creates the nitrogen and potassium balance of the plant and ensures maximum potassium intake.
- MR.®REISS can be applied from leaves and soil.
- MR.®REISS helps to dissolve locked nutrients in the soil.

### MR.®Technology inside;

I.MR.®REISS is transported to the needed cells and walls at high speed and intact.

II.MR.®REISS is taken immediately by the plant, transported with minimum energy use.

III.MR.®REISS is taken without spending energy in extreme environmental conditions, high temperatures and colds.

## MR.®MAESTRO<sup>wsf</sup>®

### Formulation & Ingredients

17.17.17+2MgO+TE  
16.8.24+2MgO+TE  
10.40.10+2MgO+TE  
00.30.30+3MgO+TE



Package Size:  
25 kg  
Recommended  
Doses of  
Application  
Foliar Application:  
200-300 gr  
/100 lt water  
Drip Irrigation:  
0,50-1 kg/decare  
(in greenhouses)  
Soil Application:  
2-4 kg/decare  
(in open areas)

MR.®MAESTRO WSF is a 100% water soluble NPK concentrate crystal fertilizer.

• The ammonium form of nitrogen (N) in MR.®MAESTRO is fully chelated, with losses in nitrogen levels close to zero.

• MR.®MAESTRO's MR.®chelating technology prevents phosphorus ( $P_2O_5$ ) from bonding in the soil and ensures that all elements are taken up by the plant.

• Magnesium in MR.®MAESTRO has a decisive effect on yield and quality. Provides dry matter growth by revitalizing weak growth plants in a short time. Magnesium also increases the water use efficiency of the plant, promotes phosphorus uptake, increases resistance of leaves and provides resistance to cold and disease.

• MR.®MAESTRO's MR.®chelating technology creates nitrogen and potassium balance of the plant and ensures maximum potassium intake.

• MR.®MAESTRO can be applied from leaves and soil.

• MR.®MAESTRO helps to dissolve locked nutrients in the soil.



Package Size:  
25 kg  
Recommended  
Doses of  
Application  
Foliar:  
150-300 g  
/100 lt water  
Soil: 2-4 kg  
/decare

## MR.®MAESTRO N-21 21 - 0 - 0

AMMONIUM SULPHATE (Nitrification Inhibitor)  
DICYANDIAMIDE

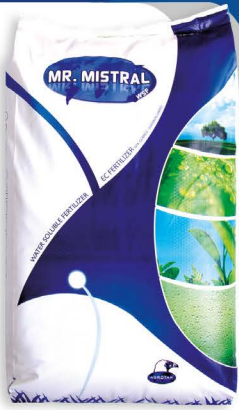
Nitrogenous compounds are constantly changing and moving in the soil.

Efficiency and quality are guaranteed thanks to the efficient and balanced use of nitrogen by the plants and the balanced and regular development of the plant.

Thanks to MR.®MAESTRO N-21, ammonium conversion of ammonium fertilizers is slowed down by DMPP. As a result of slowing the plant can take nitrogen in the form of regular and long-term soil remains available. Thus, the uptake and utilization efficiency of the given nitrogen increases.

CROPS	APPLICATION PERIOD	APPLICATION DOSES
RICE, WHEAT, BARLEY, COTTON, SUNFLOWER, SUGARBET, SOY, PEANUT, MAIZE, ONION, POTATO, GARLIC	AFTER PLANTING	25-50 KG / decare
OPEN FIELD VEGETABLES	AFTER PLANTING	25-50 KG / decare
FRUIT TREES	AFTER BLOOMING	25-60 KG / decare
FOR ALL VEGETABLES, FRUIT, OUTDOORS, GREEHOUSES	DRIP IRRIGATION	3-5 KG / decare





## MR.® MISTRAL<sup>wsf</sup>®

### Formulation & Ingredients

18-18-18+TE/20-20-20+TE

15-30-15+TE/03-05-40+TE

20.10.20+TE/16-8-24+TE/15-5-30+TE

The micro elements are %100 chelated with EDTA

#### Package Size:

25 kg

pH: 3-5

#### Recommended Doses of Application

Drip irrigation:

0,4-1 kg/decare  
(on a daily basis)

Foliar:

200-500 gr./100 lt.  
water

- Creates more effective result for plant nutrition.
- Dissolves in water 100% even when the concentration is high dosage.
- Provides easy intake.
- Prevents the nutrient elements from getting washed off.
- Allows easy intake of many minerals such as Iron (Fe), Manganese (Mn), Copper (Cu) and Zinc (Zn).
- Has a directly positive effect on crop and quality.
- Provides 100% absorption with foliar and soil applications.
- Encourages multiplication of the cells.
- Contributes to the development of roots, shoots and fruit.
- Regulates the pH level of the soil positively.

## MR.® STAR<sup>wsf</sup>®

### Formulation & Ingredients

18-18-18+TE/20-20-20+TE/15-30-15+TE

10-0-46/03-05-40+TE/20.10.20+TE

16-8-24+TE/15-5-30+TE

The micro elements are %100 chelated with EDTA.

MR.®STAR WSF %100 water soluble, crystalline fertilizer with NPK concentration.

- Creates more effective results for plant nutrition.
- 100% soluble in water even at high concentration.
- Provides easy intake.
- Prevents nutrients from getting washed off.
- Allows easy absorption of many minerals such as Iron (Fe), Manganese (Mn), Copper (Cu) and Zinc (Zn).
- Has direct effects on crop and yield.
- Provides 100 % intake when applied on soil and leaves.
- Encourages cell multiplication.
- Contributes to the development of roots, shoots and fruit.
- Regulates the pH level of soil positively.

#### Package Size:

25 kg

pH: 3-5

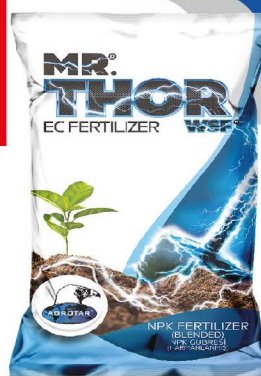
#### Recommended Doses of Application

Drip irrigation:

0,4-1 kg/decare  
(on a daily basis)

Foliar:

200-500 gr./100 lt.  
water



## MR.® THOR<sup>wsf</sup>®

### Formulation & Ingredients

18-18-18+TE/20-20-20+TE/15-30-15+TE

03-05-40+TE/20.10.20+TE/16-8-24+TE/15-5-30+TE

The micro elements are %100 chelated with EDTA

MR.®THOR WSF is a 100% water soluble NPK fertilizer in crystal form.

- Creates more effective result for plant nutrition.
- Dissolves in water 100% even when the concentration is high dosage.
- Provides easy intake.
- Prevents the nutrient elements from getting washed off.
- Allows easy intake of many minerals such as Iron (Fe), Manganese (Mn), Copper (Cu) and Zinc (Zn).
- Has a directly positive effect on crop and quality.
- Provides 100% absorption with foliar and soil applications.
- Encourages multiplication of the cells.

#### Package Size:

25 kg

pH: 3-5

#### Recommended Doses of Application

Foliar:

200-500 gr.  
/100 lt. water

Soil:

2-5 kg./decare  
(field)

Soil:

1-2 kg./decare  
(greenhouse)

## MR.® NITREwsf®

**Formulation & Ingredients**  
 Total Nitrogen 10 %  
 Urea Nitrogen 10 %  
 Water Soluble (K<sub>2</sub>O) 46%  
 The product has a distinctive from that enables it to dissolve in water completely

**10 - 0 - 46**



### Package Size:

25 kg

### Recommended Doses of Application

Greenhouse plants:  
 500-1000 gr./decare  
 (on a daily basis)

Foliar:  
 0.2-0.6 kg/100 lt  
 water

Soil:  
 15-30 kg/decare

Containing 100% vegetative nutrient elements and enzymes, this Potassium fertilizer dissolves completely in water.

- With its fine crystalline structure and enzymes, it dissolves quickly and does not tend to cake. Its shelf life is very long.
- It can be used for all kinds of irrigation systems and it also keeps irrigation systems clean.
- It can be mixed with all water soluble fertilizers.
- It is compatible with pesticides in foliar application.
- Thanks to its special enzymes, there is no loss in the amount of Nitrogen (N) required by the plant and the product fulfils the plant's whole need for Potassium (K<sub>2</sub>O).

## MR.® SPECIALGELLwsg®

**Formulation & Ingredients**  
 07.07.07 / 05.09.05 / 05.03.10



### Package Size:

20 kg

### Recommended Doses of Application

Foliar: 150-300g  
 /100lt  
 water

Soil: 2-4kg/decare

• It is a ready source of nutrition in a special form that enables the plant to absorb it under all circumstances.

• Can be applied on leaves and soil in all seasons.

• Thanks to its special formula, it strengthens the plant's root structure and accelerates the formation of capillary roots healthily.

• Increases the intake of other nutrients.

• Thanks to its specific formula and gel structure, it turns into water soluble micro elements and enables the nutrients to hold onto the surface of the plant's roots from soil colloids and roots.

• As it is well known, the pH level of the soil is of significance for the intake of nutrients. The pH reducers and buffer solutions in the specific formula of MR.® SPECIAL GELL WSG affect the pH positively.

## MR.® N MAX 32

**Formulation & Ingredients**  
 Total Nitrogen 32 %  
 Urea Nitrogen 16 %  
 Nitrate Nitrogen 8 %  
 Ammonium Nitrogen 8 %

**32 - 0 - 0**



### Package Size:

5 lt - 20 lt

### Recommended Doses of Application

Foliar:  
 200-300 ml/100 lt  
 water

Soil:  
 3 lt/decare

MR.®N MAX 32, produced by special chelating by chemical reactions Thanks to the enzymes it contains, it is designed to meet the nitrogen requirements of the plants at the maximum level.

In nitrogen deficiencies, the growth rate of the plants decreases and the plant remains small. The lengths of the buds remain short and the number of buds decreases. The leaves shrink and the old leaves shed prematurely. Root arrival and branching of the roots remain weak.

## MR.® PHOS-25

**Formulation & Ingredients**  
 Total Nitrogen (N): 5%  
 Urea Nitrogen (N): 5%  
 Water Soluble Phosphorus Pentoxide (P<sub>2</sub>O<sub>5</sub>): 25%  
 Water Soluble Mangan (Mn): 1%  
 Water Soluble Zinc (Zn): 1%

**5 - 25 - 0 + 1 Mn + 1 Zn**



### Package Size:

5lt-20lt

### Recommended Doses of Application

Drip irrigation:  
 3lt/decare

Foliar: 200cc/100lt  
 water

• It is a special liquid fertilizer both foliar and soil applicable, manufactured in order to penetrate the plant's metabolism fully and enriched in Manganese and Zinc.

• Thanks to its Phosphor content, it achieves great results in blooming and rooting.



## MR.® NO SAL

Formulation & Ingredients	w/w
Organic matter	30 %
Water Soluble CaO	8 %
pH: 3,4	

### ANTI SALINITY AGENT



#### Package Size:

5 lt - 20 lt

#### Recommended Doses of Application

Foliar:

400-600 cc/decare

MR.® NO SAL, consisting of polyhydrocarboxyl acids, ligno sulphates and acetates, has a regulatory effect on soils with sodium salinity, by soil texture and soil compaction of salinity.

#### Recommended Application Doses

- Foliar Application: 400-600 cc / decare
- Vegetables: 0,5-1 lt / decare / 1 week according to salinity
- Application Dose 1,5-2 lt / decare for Soil Washing in First Application
- Fruit trees: 25% in 10% is given in the first basic application. Remaining amount in other applications
- Citrus: 15 lt / da Salinity needs to be reduced or when other fertilizers need to increase absorption
- Banana and Tropical Plants: 20 lt / da 50% in the first application is given. Remaining Amount is used in other applications.

## MR.® MARI KELP

Formulation & Ingredients	w/w
Organic Matter	5 %
Water Soluble Potassium Oxide (K <sub>2</sub> O)	1,5 %
Alginic Acid	0,4 %
EC (dS / m)	7,1
pH Range	5,2 to 7,2

### LIQUID SEA WEED



#### Package Size:

1 lt - 5 lt

#### Recommended Doses of Application

Foliar:

100-150 ml / 100 lt Water

Soil:

1 lt/decare

• MR.® MARI KELP; It is a natural biostimulant that accelerates plant metabolism with alginic acid and organic matter.

• MR.® MARI KELP; thanks to containing special biostimulants it works fast and effectively.

• MR.® MARI KELP; protects plants from all kinds of stress conditions, is effective in eliminating the negative effects of stress.

• MR.® MARI KELP; It is a product that can be used safely in every stage of breeding period and when used from soil it is also a soil conditioner and feeding product.

## MR.® K MAX 21

Formulation & Ingredients	w/w
Water Soluble Potassium Oxide (K <sub>2</sub> O)	21 %
pH: 6,4	

### 0 - 21 - 21



#### Package Size:

1 lt

#### Recommended Doses of Application

Foliar :

200-300 ml / 100 lt water

Soil:

1-2 LT/decare

• MR.® K MAX 21, is a high-energy combination of activated phosphorus and potassium with nucleophile reagents.

• Due to its special formula, MR.® K MAX 21 is a specific agent on flowering and fruit set and has protective and therapeutic properties against cryptogamic diseases.

• It has an important formulation for fruit growing and homogenous fruit formation.

# AGROTAR®

## MR.® SORTIE FOLIAR

Formulation & Ingredients	w/w
Free Amino Acid:	20%
Organic Carbon (C):	12%
Total Protein:	26%
Organic Nitrogen (N):	5%
Organic Matter:	30%
Water Soluble Potassium (K <sub>2</sub> O):	6%



### Package Size:

1lt-5lt-20lt

### Recommended

### Doses of

### Application

Foliar:

200-250ml/100lt  
water

Soil: 1lt/decare

- It contains all the necessary Amino Acids.
- It keeps the plant away from stress (frost, extreme heat, rime, dampness, wind).
- It increases the activity of photosynthesis and the amount of chlorophyll in the plant.
- It stimulates rooting, vegetative development, blooming, fruit set and yield.
- It prevents defoliation of bloom and fruit considerably.
- MR.® SORTIE FOLIAR increases the quality of the crop, yield, colour and shelf life.

Aspartic Acid Arginine Valine  
Leucine Alanine Threonine Glycine Serine  
Lysine Methionine Glutamic Acid  
Phenylalanine Histidine Tyrosine  
Isoleucine

## MR.® TEXAMIN

Formulation & Ingredients:	w/w
Organic Substance:	30%
Organic Carbon:	10%
Total Nitrogen:	2,5%
Water Soluble Potassium Oxide (K <sub>2</sub> O):	6%



### Package Size:

1lt-5lt-20lt

### Recommended

### Doses of

### Application

Foliar: 200-300ml/  
100lt water

Soil:

1-3lt/decare

- Most of the organic substance consists of free amino acids and proteins.
- MR.® TEXAMIN brings together enzymes that regulate the plant's physiological mechanism.
- Thanks to the contribution it makes to the plant's physiological activities, it helps stressed plants get healthy more quickly.
- Provides a uniform structure in the flower and fruit formation processes.
- Increases the amount of chlorophyll on the leaves.
- Encourages beneficial microorganism activity.
- Accelerates the intake of soil nutrients.
- Stimulates root growth directly.
- Increases the soil's capacity of ion exchange, so it should be applied on saline soil as well.
- Has the advantages of speed and effectiveness when compared to other traditional organic substances because it is fully soluble in soil.

## MR.® BLACK GOLD

### MR.® BLACK MAMBA

Formulation & Ingredients	w/w
Humic and Fulvic Acid:	20%
Potassium Oxide Water Soluble (K <sub>2</sub> O):	6%
pH Aperture: (4-6)	

### VEGETABLE ORIGIN HUMIC ACID

MR.® BLACK GOLD is a 100% organic product, obtained through a very special production technique that makes use of fermented vegetable extracts (plant roots and leaves).

- Accelerates the formation and development of roots and strengthens them.
- Ensures the intake of elements such as Nitrogen, Phosphorus, Potassium, Iron and Zinc by the plant.
- When mixed with drip medication, enables better intake.
- Very effective for the wake of shock seedlings and roots. Helps shocked seedlings to hold on to the soil without stress.

### Package Size:

1lt-5lt-20lt

### Recommended

### Doses of

### Application

From leaves:

100-200ml  
/100lt. water

From soil:

1-2lt/decare

- Quickens growth and development of the seedling.
- Provides better aeration of the soil.
- Affects the pH level of the soil positively.
- Enables the plant to absorb many elements more easily.
- Accelerates cell division.
- Has good effects on the growth and reproduction of various micro-organisms.
- Regulates the structure of the soil and improves its permeability.
- Helps the plant to receive more nutrients from the soil.
- Neutralizes soil with acidic and basic properties.
- Increases the permeability of cell membranes.
- Encourages growth of other important components such as Vitamin C, chlorophyll, amino acids and sugar in plants.
- Promotes photosynthesis.

## MR.® LEO-PAR

Formulation & Ingredients	w/w
Organic Matter	10%
Total Humic + Fulvic Acid	12%
Fulvic Acid	0,2%
Water Soluble Potassium Oxide (K <sub>2</sub> O)	5%
pH Range	9,6 - 11,6

### LEONARDITE LIQUID HUMIC ACID



### Package Size:

5 lt - 20 lt

### Recommended

### Doses of

### Application

Foliar :

150- 200 ml  
/100 lt water

Soil:

1 lt /Decare

Humic acid in liquid form is easily applied with all kinds of irrigation methods and spraying tools. Increases water permeability of heavy soils. It accelerates the bacterial activities in the soil, increases the number of microorganisms and makes the soil more convenient in terms of plant development. It prevents especially nitrogen and iron loss of plant nutrients by washing.

Thanks to the buffering of soil pH, neither too low nor ideal conditions for plants by preventing too high Humic acids increase phosphorus usefulness in soil. Even in soils with very high phosphorus, phosphorus of humic acids There are transformative effects that make the plant useful.



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## MR.®FX

Formulation & Ingredients

Active Ingredient: Carboxylic Acid Solution 50%

### SPREADER AND ADHESIVE/PH REDUCER/MIXING REGULATOR/DEFOAMER



Package Size:

400 cc

- 1 Lt.

- It is a 100% natural (organic) product obtained from the citrus group.
- It is used for minimizing the mixing problems of fertilizers and active substances of pesticides.
- It provides good spreading and adherence of effective substances of agricultural pesticides and fertilizers to both sides of plants.
- It helps to prevent the effective foaming of the active substances and fertilizers of pesticides.
- Prevents stains on fruits and ornamental plants after spraying.
- Removes the hardness of water.
- It provides to lower the pH of the water.
- Used for cleaning drip irrigation pipes.
- Harmless to bees.

## MR.®PH DOWN

### ANTI SCALE AGENT - PH REDUCER



Package Size

500 cc

Recommended

Doses of  
Application

Drip irrigation:

3 lt./decare

Foliar:

200 cc./100 lt. water

- Regulates the pH level and hardness of the water used in fertilizing process.
  - Prevents sedimentation in multi-mixtures, decreases the amount of salt in the water and brings the pH down to a desired level.
- Method of Application**  
First, add MR.®DOWN pH to the water. Second, add the other agricultural chemicals, in recommended dosages and order, to make a mixture. When 50cc of Mr.®DOWN PH is applied on 100lt water, it is going to regulate the pH level and hardness of the water.

## MR.®GOLD

Formulation & Ingredients

100% Polyether

Polydimethylsiloxane

Copolymers

### SPREADER AND ADHESIVE



Package Size:

100 ml.

- Pesticides: 10ml/100lt water
- Plant Growth Regulators: 10ml/100lt water
- Aeroplane and Helicopter Applications: 45ml/100lt water

## MR.® BOR

GEL

Formulation & Ingredients  
Water Soluble Boron (B):

w/w  
11%



### Package Size:

1lt-5lt

### Recommended

### Doses of Application

Foliar:

100-200ml/100lt water

Soil:

250-300 ml/decare

- It is in gel form, highly rich in content and easy for the plant to absorb.
- Thanks to its Boron Ethanol Amine content, effectiveness on the plant is at the maximum level.
- Prevents deficiency of Boron in plants.
- Plays an important role in the synthesis of Nucleic Acid.
- Improves pollen germination.
- Affects growth of the fruit set and meristematic tissues positively.
- Helps the fruit through maturation process and enables it to gain colour more easily.
- Improves the synthesis of sugar (carbohydrate) and protein.
- Eliminates insufficiencies that occur during the formation of fruit and pollination.
- Prevents poor fruit set.

## MR.® ENZO

GEL

Formulation & Ingredients  
100% Water Soluble (Zn) Zinc:

w/w  
6%



### Package Size:

1lt-5lt

### Recommended Doses of Application

Foliar:

100-200 ml/100lt water

Soil:

1 lt./decare

- Eliminates and prevents Zinc deficiency.
- It can be applied through all kinds of irrigation systems.
- It can be applied on leaves by spray or drip irrigation system.
- The 6% Zinc in MR.® ENZO is 100% chelated.
- It dissolves quickly and completely in water.
- It provides complete intake thanks to its special chelation.
- It acts as a catalyst in the enzyme system of the plant.
- It controls the synthesis of amino acids.
- It stimulates growth hormone auxine.

## MR.® BUD PLUS

Guaranteed Content

w/w

Water Soluble Boron (B):

3,6 %

Water Soluble Zinc (Zn):

10 %

Chlorine Content:

0,69 %



### Package Size:

2 kg

### Recommended

### Doses of Application

Foliar :

200 gr

/100 lt water

Soil:

200-300 gr

/decare

Thanks to its high content of Boron (B) and Zinc (Zn), it is especially suitable for post-harvest applications in fruit trees,

- Plants are made to eliminate and prevent Boron (B) and Zinc (Zn) deficiency
- Increases flowering and fruit set with pre-flowering applications,
- Thanks to its advanced technology formulation, it is quickly absorbed by the plant and provides long-term effect,
- It plays an important role in nucleic acid synthesis.
- Germination of pollen (flower dust),
- Fruit retention and growth of meristem tissues,
- Ripening and color picking of fruits,
- It is effective in eliminating insufficiencies in fertilization and fruit formation.
- Acts as a catalyst in enzyme systems in plants.
- Controls amino acid synthesis.
- Auxin stimulates the growth hormone.
- Tank mix with many products.
- Not phytotoxic.

## MR.® COOP

Formulation & Ingredient  
Water Soluble Copper (Cu)  
Copper Gluconate

w/w  
6 %  
57 %



### Package Size:

1lt

### Recommended Doses of Application

Foliar:

100-200ml/100lt water

Soil:

0,5-1lt/decare

- Derived from plant leaves and chelated organically, this product is translaminar. Thanks to its translaminar structure, it easily penetrates the leaves. This feature makes it applicable both on leaves and roots. It is suitable for use in organic agriculture. It doesn't stain or leave residues on plants. It protects, nourishes and strengthens the plant.
- The original compound of MR.® COOP increases its intake by leaves and roots
  - It is protective and covers the surface of the leaf.
  - It cures the diseased parts of the plant.
  - It is a lot faster and more effective than other copper-based products.
  - The results of the application of MR.® COOP can be compared with systematic and curative fungicides.



# AGROTAR®

## MR.® DOUBLE MIXTURE

Formulation & Ingredients	w/w
100% Water Soluble Boron (B):	1%
100% Water Soluble Copper (Cu):	1% (Chelated fully with EDTA)
100% Water Soluble Iron (Fe):	3.5% (Chelated fully with EDTA)
100% Water Soluble Mangan (Mn):	4% (Chelated fully with EDTA)
100% Water Soluble Zinc (Zn):	3% (Chelated fully with EDTA)



### Package Size:

1 kg.

### Recommended Doses of Application

#### Foliar:

50-100g/100lt water

#### Soil:

50-100g/decare

- All the applied amount can be absorbed easily by the plant.
- It has curative and protective effects against deficiency of micro elements.
- It is in granule form, so it does not generate dust and it also dissolves easily in water.
- It has long-lasting positive effects on the plant.
- B, Mn and Cu are 100% chelated with EDTA. B is in high concentration.
- It doesn't contain any chlorine.
- It consists of strong micro nutrients, gives no damage to the plant, provides high quality crops.
- It should be applied to soil for sensitive plants like ornamentals.
- It can also be applied to soil by drip irrigation system.

## MR.® MAXIMUM

Formulation & Ingredients	w/w	100% Water Soluble (K <sub>2</sub> O)	6%
Total Nitrogen (N):	15%	100% Water Soluble (B)	0.1%
Nitrate Nitrogen (N):	2.5%	100% Water Soluble (MgO)	6%
Ammonium Nitrogen (N):	1.9%	100% Water Soluble (Mn)	5%
Urea Nitrogen (N):	10.6%	100% Water Soluble Zn	4%

**15-0-6+0,1 B+6 MgO+5 Mn+4 Zn**



### Package Size:

1 kg.

### Recommended Doses of Application

#### Foliar:

50-100g/100lt water

#### Soil:

50-100g/decare

- All the applied amount can be absorbed easily by the plant.
- It has curative and protective effects against deficiency of micro elements.
- It is in granule form, so it does not generate dust and it also dissolves easily in water.
- It has long-lasting positive effects on the plant.
- It consists of strong micro nutrients, gives no damage to the plant, provides high quality crops.
- It should be applied to soil for sensitive plants like ornamentals.
- It can also be applied to soil by drip irrigation system.

## MR.® COMBI-MIX

Formulation & Ingredients	w/w
%100 Water Soluble Copper (Cu):	1%
%100 Water Soluble Iron (Fe):	5%
%100 Water Soluble Mangan (Mn):	2%
%100 Water Soluble Zinc (Zn):	4%



### Package Size:

1 kg.-5 kg.

### Recommended Doses of Application

#### Foliar:

50-100g/100lt water

#### Soil:

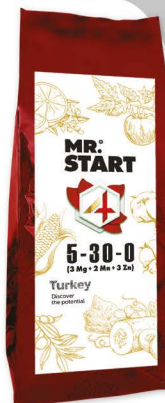
50-100g/decare

- Thanks to its organic form of chelation, it ensures intake of trace elements in a balanced way.
- Prevents deficiency of trace elements and cures it.
- It can be absorbed by the plant easily.
- It has a long-lasting effect, and quickly dissolves in water.

## MR.® START-4

Formulation & Ingredients	w/w
Total Nitrogen (N):	5%
Ammonium Nitrogen (N):	5%
Water Soluble Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> ):	30%
Water Soluble Magnesium (Mg):	3%
Water Soluble Manganese (Mn):	2%
Water Soluble Zinc (Zn):	3%

**5 - 30 - 0 + 3 Mg + 2 Mn + 3 Zn**



### Package Size:

2 kg.

### Recommended Doses of Application

#### Foliar:

200-250ml/100lt water

#### Soil:

1lt/decare

- A brilliant powder fertilizer enriched in enzymes and produced in a form that enables it to penetrate the metabolism of the plant completely.
- 100% water soluble with maximum intake.
- Includes high dosage of enzymes.
- Effective in flowering and rooting.
- Shortens the distance between nodes.

# AGROTAR®

## MR.®NITRO CA

Formulation & Ingredients	w/w
Amine Nitrogen (N):	8%
Water Soluble Calcium Oxide (CaO):	14%
Water Soluble Boron (B):	0,15%



### Package Size:

1lt - 5lt - 20lt

### Recommended

### Doses of

### Application

Foliar:

100-300cc/100lt  
water

Soil:

200-300cc/decare

- It is a unique source of Nitrogen and Calcium that can be used in both foliar and soil applications.
- Nitrogen intake of the plant is converted immediately into protein.
- It does not leave the soil as a result of evaporation or washing off.
- It keeps the plant's hormones in balance under stressful conditions.
- It increases fibrous root formation.
- It shortens the distance between nodes and provides lateral branch formation.
- It prevents fruit aging and improves fruit quality.
- It lengthens shelf life and boosts market quality.
- Thanks to the Boron (B) in its content, calcium intake is doubled.
- It gives resistance against all diseases and pests by strengthening the cell wall.
- It reduces defloration of bloom and fruit.
- It fights against complications such as bitter spots, blossom-end rotting, aseptic nozzle rotting, fungal stains and tipburn.



## MR.®CALMAX

Formulation & Ingredients	w/w
Water Soluble Calcium Oxide (CaO)	13 %
Water Soluble Boron (B)	0,15 %
PH: 2,7	

### Package Size:

1 lt

### Recommended

### Doses of

### Application

Foliar Application:

100-200 ml  
/100 lt water

It was developed to quickly and effectively meet the calcium requirement of the plant in the early period. It is widely used in fruit against bitter spotting, internal rot and cracking, and in vegetables against flower nose rot and bottom rot. The uptake of calcium by the plants is extremely fast.

Mr.®CAL MAX is completely absorbed from the leaves and can be transported to the fruit, thanks to its unique formulation, it can be used safely without any phytotoxicity in the early period and quickly meets the calcium requirement. The applied fruits develop faster and calcium deficiency is not seen. In vegetables, development is faster and the harvest is more homogeneous MR.®CAL MAX helps to form strong pollen tubes if used before flower and increases fruit holding and yield, fruit formation and fruit quality and shelf life after harvest.

## MR.®DA VINCI



### Package Size:

250 cc

### Recommended

### Doses of

### Application

Foliar:

50-100 g/100 lt  
water

Soil:

50-100 g/decare

- It is a plant growth regulator that increases the size and quality of the fruit, especially in kiwi and table grapes.
- It affects the growth of the fruit and increases the size of the fruit and consequently preserves the original fruit shape, organoleptic properties and dry characteristics of the plant.
- The yield thus increases with larger fruits and best quality.
- MR.®DA VINCI works in a similar way as cytokinin found naturally in plants, but essentially MR.®DA VINCI is more effective.
- Stimulates cell division and cell elongation and therefore causes an increase in cell number and cell wall thickness.
- Improves fruit quality and prolongs product shelf life under normal conditions MR.®DA VINCI is the perfect tool to improve fruit size and quality.

### APPLICATION:

FRUITS AND SWINGS SHOULD BE MADE WITH POLE SPRAYING AND THE FRUITS SHOULD BE COVERED. NO APPLICATION TO LEAF. This brings financial burden. APPLY IN COOL WEATHER AT EVENING HOURS.

### Grapes for table

- MR.®DA VINCI stimulates cell growth and division in grain tissue, it positively causes growth in the whole cluster. As a result, the total yield increases. Grain weight increases, but various unique properties remain unchanged.
- For example, cluster and grain shape, sugar content, acidity, Ph and colors.
- MR.®DA VINCI also increases the thickness of the cell wall. As a result, the texture of the fruit and consequently the shelf life is prolonged.
- Dilution is recommended to reduce cluster density as there will be large fruit grains.

### Kiwi

- MR.®DA VINCI Kiwi also stimulates cell division and cell elongation.
- As a result, fruit size, original shape of the fruit, organoleptic properties and dry matter content preserves all the characteristics of the harmonious development of the fruit. Therefore, the yield obtained with the larger fruit size and the best quality increases.
- It is also important to note, MR.®DA VINCI does not delay the ripening of kiwi fruit.
- MR.®DA VINCI has positive effects on storage and storage. It has been observed that the well-maintained fruits have a longer shelf life.



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