

# Agromec

***Serving only the Best  
Since 1999!***



***Nutrition  
& Protection***



## **Fertilizers' Catalogue**

An Extensive Range of Quality  
Fertilizers for Richer, Healthier Yields.



Chemicals Company For Fertilizers and Agrochemicals (AGROMECC)



[www.agromec-international.com](http://www.agromec-international.com)



## Our Fertilizers' Range Index

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**AG Planta** Mono Fertilizers

# AG Fert

Powder NPK compounds



Fertilizer compounds in powder form carefully manufactured to meet the plant's needs of basic and trace elements.

They are homogeneous structures of high quality, where the raw materials are selected with great care to obtain the best fertilizer compounds suitable for saline soils and alkali lands.

**AG Fert Nitrogenous compounds**  
**AG Fert Phosphorous compounds**  
**AG Fert Potassium compounds**  
**AG Fert Balanced compounds (NPK)**

**AG Fert** formulas are characterized by the speed of their dissolution and ease of absorption by the plant, resulting in a reduction of effort and energy spent in the absorption process, which leads to a significant improvement in plant health.

**AG Fert** are high quality and are free of chlorine and sodium and do not contain any impurities or materials harmful to the environment, plants or humans.

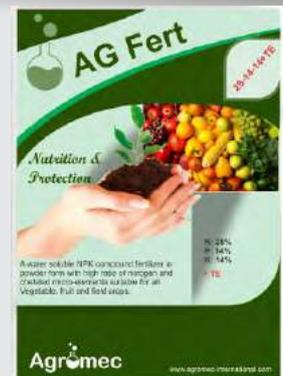
# AG Fert

Powder NPK compounds

## AG Fert High Nitrogen Compounds

30-10-10 +TE

28-14-14 +TE



Packing: 1-10-20-25 kg

AG Fert High Nitrogen is produced from the finest and purest raw materials with chelated trace elements EDTA to ensure absorption speed and high efficiency, and it is an ideal fertilizer for use in conditions of high salinity (soil and irrigation water).

### FEATURES:

- It is a homogeneous, streamlined fertilizer in the form of a fine crystalline powder.
- A nitrogenous fertilizer that strengthens the shoot system of plants under difficult weather conditions and in different types of soils.
- Easy and fast absorbing, leading to fresher and greener plants.
- A fertilizer with multiple nitrogen sources in addition to other elements, it satisfies the plants needs for a longer period. leading eventually to an abundance in crop and production.
- It plays a fundamental role in building chlorophyll molecules and in formation of plant hormones, it activates many enzymes and increases the plant's ability to produce.
- It stimulates the development of stems, leaves and the shoot system of the plant.
- It causes an increase in the size of the root and thus an increase in the ability of plants to absorb nutrients.
- It improves flowering, fruit set, and seed production.

(It is used in all irrigation and foliar sprinkler systems.)

### Time and Direction of use:

- It is used during the early stages of growth to promote root growth and development.
- It is recommended to be used after moving the seedlings to the permanent location, as well as during the seed germination stage.

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# AG Fert

Powder NPK compounds

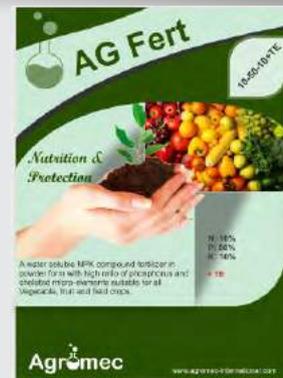
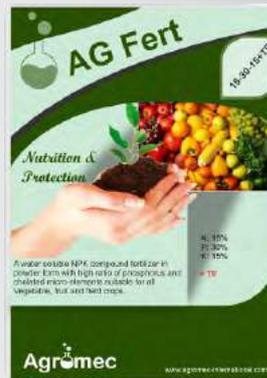
## AG Fert High Phosphorus

15-30-15 +TE

13-40-13 +TE

12-36-12 +TE

10-50-10 +TE



Packing: 1-10-20-25 kg

AG Fert High phosphorus powder fertilizer manufactured with great care to meet all needs of the plant from phosphorus and other trace elements .

### FEATURES:

- Mineral fertilizer containing a high percentage of phosphorus and other elements, which is considered an essential part in the process of photosynthesis.
- Contains a measured ratio of nitrogen and potash, which are essential for plant growth .
- Low acidity and this helps to speed up absorption and leads to an increase in the availability of other nutritional elements and in the permeability of nutrients through the leaves.
- Fast absorbing fertilizer by the roots and moves quickly inside the plant parts.
- It is effective in all climates and agricultural seasons and can be mixed with most fertilizers.
- Causes an increase in the size of the root system and thus an increase in the ability of plants to absorb nutrients, form flowers and side branches.
- Improves flowering efficiency, fruit set, seed production and formation .
- (It is used in all irrigation and foliar sprinkler systems.)

### Time and Direction of use:

- It is used during the first growth stages to promote root growth and development.
- It is recommended to be used after moving the seedlings to the permanent location, as well as in the seed germination stages.

# AG Fert

Powder NPK compounds

## AG Fert High Potash

16-08-32+TE

06-06-43 +TE

12-12-36 +TE

15-15-30 +TE

17-10-27 +TE

SOP 0-0-50+18%S



Packing: 1-10-20-25 kg

AG Fert High Potash Compounds are powdery fertilizers manufactured with great care to meet all the needs of the plants from potash and other trace elements.

### FEATURES:

- 100% solubility and Rapid absorption by the plant.
- It corrects the deficiencies of potash and trace elements, which leads to increased production.
- It increases the size of fruits and give the appropriate color and ripeness.
- It contains a high percentage of potassium, which helps in the process of building proteins, and it is one of the main important elements that plants need from the beginning of the growing period until the end of the production period to improve the quality of fruits in terms of size, quantity and taste (specially Tuber plants).
- It has a fundamental role in increasing the ion exchange in the soil solution and it facilitates the absorption of elements.
- It has a role in building plant cells and energy inside the cells leading to healthier vital cycles.
- It helps to increase plant endurance to unsuitable weather conditions (frost, drought ...)and resistance to injuries during storage and transportation.
- It improves the processes of transporting sugars and the formation of starch in fruits increasing both quantity and quality.
- (It is used in all irrigation and foliar sprinkler systems.)

### Time and Direction of use:

- It is used during the fruit phase until the harvest stage to increase the size of the fruits and improve their quality, appearance and hardness.

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# AG Fert

Powder NPK compounds

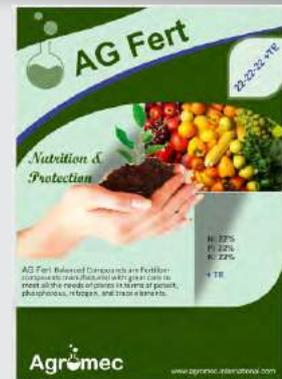
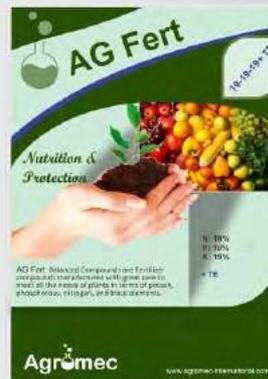
## AG Fert Balanced Compounds

18-18-18 +TE

19-19-19 +TE

20-20-20 +TE

22-22-22 +TE



Packing: 1-10-20-25 kg

AG Fert Balanced Compounds are Fertilizer compounds manufactured with great care to meet all the needs of the plants in terms of potash, phosphorous, nitrogen, and trace elements.

### FEATURES:

- AG Fert Balanced is used for all types of plants and agricultural crops in case there is a need for high proportions of the essential elements (NPK) necessary for the plants.
- Fast acting and improves plant growth, it also stimulates the action of enzymes in the plant.
- It positively enhances the absorption of nutrients through leaves and roots.
- It works to raise the efficiency of photosynthesis and respiration of plants, increasing productivity and improving crop quality.
- It provides various elements in a balanced way and meets the need of plants from the basic elements (NPK).
- It supports flowering and fruit set, improves the quality of the fruit and prolongs its shelf life.
- It helps correct the symptoms of nutrient deficiency when the cause of the deficiency cannot be determined.
- It contains magnesium, which contributes to the building of chlorophyll and the process of photosynthesis and has an important role in the synthesis of growth enzymes, leading to a significant increase in crop.
- It is used in crops that need equal proportions of NPK at the same time. For example, crops with gradual maturity that grow and bear flowers and produce fruits at the same time.
- It increases plant tolerance and resistance to unsuitable weather conditions, and increases quality and quantity of production.
- (It is used in all irrigation and foliar sprinkler systems.)

### Time and Direction of use:

- Its balanced formula allows it to be used in all stages of plants life, from germination to the stages of fruiting and harvesting.

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# AG Sana

## NPK Suspension (Paste and Gel)

**AG Sana** compounds are suspension fertilizers manufactured with great care to meet the needs of plants of basic and nutrient elements. It consists of easy and fast absorption compounds, effective in all climates and seasons and can be mixed with most fertilizers. Characterized by Low PH, AG Sana lowers soil acidity, retaining nutrients and improving its availability in soil CEC solution, and increasing ionic exchange. AG Sana compounds are used for all types of plants and crops in cases where the plant needs large NPK quantities.



**AG Sana Nitrogenous compounds**  
**AG Sana Phosphorous compounds**  
**AG Sana High potassium compounds**  
**AG Sana Balanced compounds**

### Why use Suspension fertilizer?

1. The NPK may reach 85%, which is not possible in liquid mixtures and is available only in a few mixtures.
2. It is easy to absorb and does not settle because of the suspension factor.
3. AG Sana compounds contains growth regulators, amino acids, trace elements and some additives such as fruit-setting hormones
4. It can be easily used with other pesticides and fertilizers without side interactions, at the contrary it works to increase the efficiency of pesticides and plays a role of an adhesive and a diffuser.
5. It has a low salinity coefficient compared with powder and liquid fertilizers, thus helping to solve salinity problems.
6. The low degree of salinity leads to the reduction of osmosis and thus increases the uptake of fertilizers by the plant.
7. The nutrients are coated with organic materials that prevent the formation of complex materials that cannot be absorbed by the plant.
8. Stable compositions that do not change over time and do not fossilize unlike other type of fertilizers and this is especially important in alkaline soils such as the soils of the Middle East.
9. Suspension fertilizers with low acidity make the fertilizers more available for the plants and help to reduce the acidity of the soil, which increases the activity of beneficial organisms and improves the availability of macro nutrients .
10. Suspension fertilizers can be mixed with phosphoric, sulfuric and nitric acid, while these acids cannot be mixed with powder fertilizers.

# AG Sana

NPK Suspension (Paste and Gel)

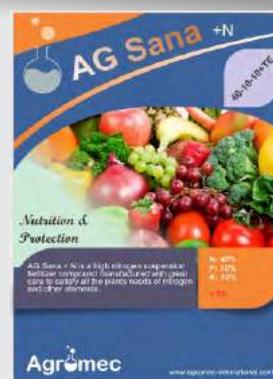
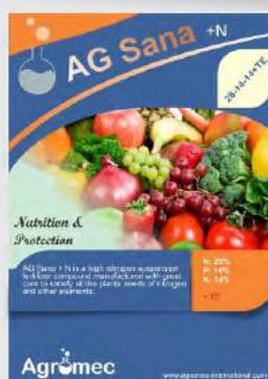
## AG Sana High Nitrogen compound

28-14-14 +TE

30-15-15 +TE

30-10-10 +TE

40-10-10 +TE



Packing: 1-10-20-25 kg

AG Sana + N is a high nitrogen suspension fertilizer compound manufactured with great care to satisfy all the plants needs of nitrogen and other elements.

### FEATURES:

- Nitrogenous fertilizer that stimulates the shoot system of all plants in difficult weather conditions and in different types of soil.
- An easy, fast-absorbing and low-acidity fertilizer, leading to fresher and greener plants.
- Fertilizer with a multi-source nitrogen that provides the plant with its needs for a longer period resulting in richer crops.
- It plays a fundamental role in building chlorophyll molecules, activating many enzymes and stimulating the formation of plant hormones.
- Low acidity, which helps to reduce the acidity of the soil and increases the absorption of nutrients from the soil.
- It encourages the plant to form new strong branches and fruits.
- Because it contains a high percentage of nitrogen, it enhances the vital processes of plants in general because nitrogen is a major component in the synthesis of amino acids, which are the building units of proteins.
- It corrects deficiencies of nitrogen and trace elements leading to increased production.
- (It is used in all irrigation and foliar sprinkler systems.)

### Time and Direction of use:

- It is used during the vegetative growth stages and plant development, It helps in forming a dense shoot system .

# AG Sana

NPK Suspension (Paste and Gel)

## AG Sana High Phosphorus

10-50-10 +TE

12-50-12 +TE

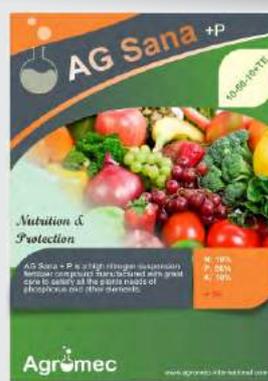
18-46-00 +TE

15-65-05 +TE

12-61-00 +TE

05-50-30 +TE

15-61-0 +TE



Packing: 1-10-20-25 kg

AG Sana + P is a high phosphorus suspension fertilizer compounds manufactured with great care to satisfy all the plants needs of phosphorus and other elements.

### FEATURES:

- Mineral fertilizer that contains a high percentage of phosphorous which is an essential part of energy building process.
- It also helps in the formation of some oils, sugars and starch in the plant.
- Helps in the growth of the plant root system and in the formation of flowers and side branches.
- Fast absorbed by the roots and moves quickly inside plant parts.
- It is effective in all climates and agricultural seasons and can be mixed with most pesticides and fertilizers.
- Stimulates the growth of the root system, especially the adventitious and fibrous roots.
- Low-acidity fertilizer, it reduces the acidity of the soil, increases its retention of elements, improves their availability and increases the ion exchange in the soil solution.
- It contains all the elements needed by the plant, which help in improving the flowering stage, fruit set, seed production and obtaining fruits of homogeneous size, shape, color and of distinctive taste. It also controls the level of sugar, especially in fruits.
- It causes an increase in the size of the root system and thus an increase in the ability of plants to absorb nutrients.
- It increases the quantity and quality of crop production.
- (It is used in all irrigation and foliar sprinkler systems.)

### Time and Direction of use:

- It is used during the first growth stages to promote root growth and development.
- It is recommended to be used after moving the seedlings to the permanent location, as well as during the seed germination stages.

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# AG Sana

NPK Suspension (Paste and Gel)

## AG Sana High Potash compound

05-00-60 +TE

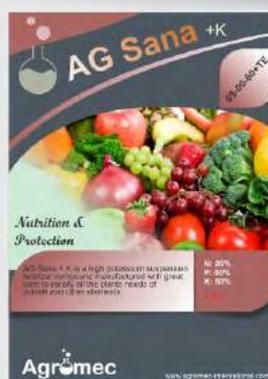
15-15-30 +TE

12-12-44 +TE

10-15-50 +TE

10-10-46 +TE

15-00-60 +TE



Packing: 1-10-20-25 kg

AG Sana + K is a high Potassium suspension fertilizer compounds manufactured with great care to satisfy all the plants needs of Potash and other elements.

### FEATURES:

- Suspension fertilizer containing a high percentage of potash in a form readily available to plants, as potash is considered one of the basic elements in the growth of plants and increasing fruit size.
- It increases the size of the fruits and gives them the appropriate color of ripeness.
- It is safe for the environment and humans and it is considered an environmentally friendly fertilizer.
- The high percentage of potassium helps in the process of building proteins.
- It is one of the most important elements that plants need from the beginning of the growth period until the end of the production to improve the quality of fruits in terms of size, quantity and taste, especially (Tuber plants).
- It's a low-acid fertilizer, it helps in reducing the acidity of the soil and increases the availability of elements.
- Potash is one of the basic elements necessary for the process of ion exchange and it facilitates the absorption of other elements .
- It helps to establish plant resistance to injuries and to unfavorable conditions (frost, drought) and treats the deficiency of potash and trace elements, which leads to an increase in the overall production.
- Using it improves the processes of transporting sugars and the formation of starch in fruits.
- (It is used in all irrigation and foliar sprinkler systems.)

### Time and Direction of use:

- It is used during the fruiting phase and until harvest to increase the size of the fruits and improve their quality, appearance and hardness.

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# AG Sana

NPK Suspension (Paste and Gel)

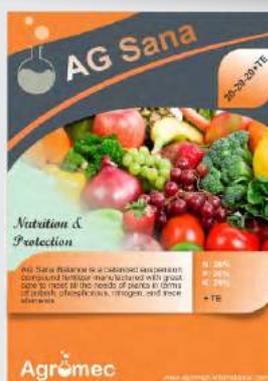
## AG Sana Balanced compounds

20-20-20 +TE

21-21-21 +TE

25-25-25 +TE

27-27-27 +TE



Packing: 1-10-20-25 kg

AG Sana Balance is a balanced suspension compound fertilizer manufactured with great care to meet all the plants needs of potash, phosphorous, nitrogen, and trace elements

### FEATURES:

- AG Sana Balance is used for all types of plants and crops and in cases where the plant needs a balanced amount of (NPK) .
- Fast acting, improves plant growth and stimulates the action of enzymes in the plant.
- It positively enhances the absorption of nutrients through the leaves.
- It enhances photosynthesis and plant respiration, increasing productivity and improving crop quality.
- It can be added in different stages of growth.
- It is of Low acidity, which reduces soil acidity and increases absorption.  
(It is used in all irrigation and foliar sprinkler systems.)
- It supports flowering and fruit set, improves fruit quality and prolongs their shelf life.
- It helps correct the symptoms of nutritional deficiency in case of inability to determine the cause of the deficiency.
- It contains magnesium, which contributes to the building of chlorophyll and the process of photosynthesis and has an important role in the synthesis of important plant growth enzymes, which contributes to healthy growth and thus increase the yields.
- It is used for crops that need equal proportions of the macro elements NPK at the same time, such as crops with gradual maturity that grow and bear flowers and produce fruits at the same time.
- It increases plant tolerance and resistance to unsuitable conditions (frost, drought).
- It increases the quantity and quality of overall production.

### Time and Direction of use:

- Its balanced formula allows it to be used in all stages of plants life from germination to the stage of fruiting and harvesting.

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# AG Pura

Liquid Fertilizer compounds



**AG Pura compounds are fertilizers formulated in liquid form, and thus they do not suffer from solubility and sedimentation problems.**

**They are manufactured in a way that prevents crystal formation in the compound.**

**AG Pura are made from high quality soluble materials especially designed to meet the fertilizers needs of the professional grower or farmer.**

**AG Pura works perfectly in drip & injection irrigation systems and is also suitable for foliar spraying.**

## **AG Pura Liquid Compounds:**

**AG Pura Nitrogenous compounds  
AG Pura Phosphorous compounds**

## **AG Pura Plus Specialized Liquid:**

**AG Pura Plus KTC  
AG Pura Plus KTS  
AG Pura Plus DKP  
AG Pura Plus PK  
AG Pura Plus CU Organic Copper  
AG Pura Plus N Adhesive & Diffuser  
AG Pura Plus OM Organic Matter  
AG Pura Plus 5-0-50**

# AG Pura

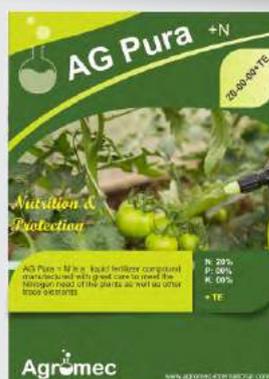
Liquid Fertilizer compounds

## AG Pura High Nitrogen compounds

20-0-0 +TE

32-0-0 +TE

40-0-0 +TE



Packing: 250 mL- 500mL- 1L- 5L- 10L- 20L

AG Pura High N is a liquid fertilizer compound manufactured with great care to meet the Nitrogen need of the plants as well as other trace elements.

### FEATURES:

- A Soluble fertilizer containing a high percentage of nitrogen ready for uptake by the plants.
- It contains a high percentage of fast-absorbing chelated trace elements EDTA .
- It has a Low acidity coefficient and this helps to speed up absorption and leads to an increase in the readiness of other nutrients and an increase in the permeability of nutrients through the leaves.
- Because it contains a high percentage of nitrogen, it encourages the vital process of plants in general, because nitrogen is a major component in the synthesis of amino acids, which are the building units of proteins.
- It corrects nitrogen and trace elements deficiencies, this leads to an increase in the quality and quantity of production.
- (It is used in all irrigation and foliar sprinkler systems.)

### Time and Direction of use:

- It is used during the stages of vegetative growth and the stages of plant development, It helps in the formation of a dense shoot system and it encourages plants to form new strong branches and fruits.

# AG Pura

Liquid Fertilizer compounds

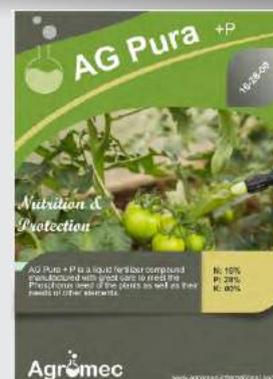
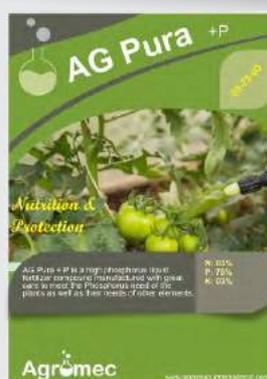
## AG Pura High Phosphorus compounds

3-75-3

16-28-0

0-85-0 w/v as H<sub>3</sub>PO<sub>4</sub>

0-54-0 w/w as P<sub>2</sub>O<sub>5</sub>



Packing: 250 mL- 500mL- 1L- 5L- 10L- 20L

AG Pura High P is a liquid fertilizer compound manufactured with great care to meet the Phosphorus need of the plants as well as their needs of other elements.

### FEATURES:

- A Soluble fertilizer containing a high percentage of Phosphore ready for uptake by the plants.
- It contains a high percentage of fast-absorbing chelated trace elements EDTA .
- It has a Low acidity coefficient and this helps to speed up absorption and leads to an increase in the readiness of other nutrients and an increase in the permeability of nutrients through the leaves.
- Causes an increase in the size of the root system and thus an increase in the ability of plants to absorb nutrients.
- It improves flowering efficiency, fruit set, seed production and formation.
- It increases the quantity and quality of production.
- (It is used in all irrigation and foliar sprinkler systems.)

### Time and Direction of use:

- It is used during the first growth stages to promote root growth and development.
- It is recommended after moving the seedlings to the permanent location, as well as in the seed germination stages.

# AG Pura Plus

Specialized Liquid Fertilizer compounds



## AG Pura Plus Specialized Liquid Fertilizers

**AG Pura Plus KTC**  
**AG Pura Plus KTS**  
**AG Pura Plus DKP**  
**AG Pura Plus PK**  
**AG Pura Plus CU Organic Copper**  
**AG Pura Plus N Adhesive & Diffuser**  
**AG Pura Plus OM Organic Matter**  
**AG Pura Plus 5-0-50**

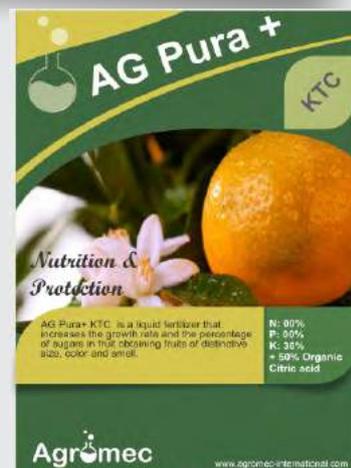
# AG Pura Plus

Specialized Liquid Fertilizer compounds

## AG Pura Plus KTC

### KTC 0-0-36 + 50% Organic Citric acids

AG Pura+ KTC is a liquid fertilizer that increases the growth rate and the percentage of sugars in fruit obtaining fruits of distinctive size, color and smell.



Packing: 250 mL- 500mL- 1L- 5L- 10L- 20L

## FEATURES:

- Potassium in the form of Citrate is one of the most assimilated compounds by the plants and is rapidly absorbed.
- It is known that the absorption of the element potassium is related to the degree of acidity of the compound to ensure its effectiveness.
- A pure liquid compound that can be used by ground fertilization or by foliar application .
- This formula increases the size of the fruits and stimulates the plant's natural immune system.
- Potassium compound with organic citric acid is rapidly absorbed and assimilated through the leaves.
- It is chlorine free and not based on potassium sulfate formula.
- Low risk of plant poisoning even on newly grown areas because of its low salt index.
- Excellent mixability, it can be mixed with many types of fertilizers and chemicals.
- Flexible application rates allowing optimum use in fertilization programs.
- (It is used in all irrigation and foliar sprinkler systems.)

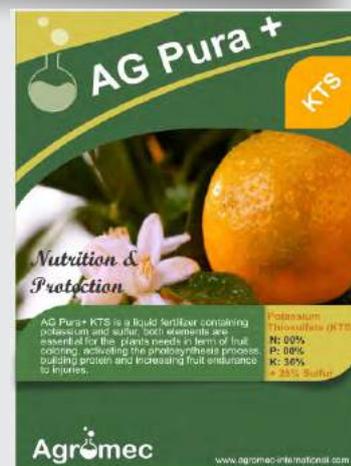
# AG Pura Plus

Specialized Liquid Fertilizer compounds

## AG Pura Plus KTS

### KTS 0-0-36 + 25% Sulfur

AG Pura+ KTS is a liquid fertilizer containing potassium and sulfur, both elements are essential for the plants needs in term of fruit coloring, activating the photosynthesis process, building protein and increasing fruit resistance to injuries.



Packing: 250 mL- 500mL- 1L- 5L- 10L- 20L

## FEATURES:

- AG Pura+ KTS helps build proteins in the plant.
- Helps in the photosynthesis process.
- Helps improve fruit quality (size and quantity)
- Helps increase plant ability to resist physiological diseases, and reduce injuries.
- It is used on all types of crops, especially those that need high levels of sulfur, such as: (Potato, zucchini, Melon and watermelon, tomato, onion and garlic, fruit trees in general, field crops, grains...)
- It increases the size of the fruits while maintaining a distinct color and taste despite the increase in size.
- The acidity factor of the alkaline and calcareous soils is reduced due to the high sulfur content.
- Equalizes the alkalinity of hard water and reduces the effect of salts in hard water or saline soils.
- Quickly absorbable even into salty ground.
- Effective in cold climates.
- It plays a basic role in stimulating the formation of color in the fruits and thus giving the fruits the distinctive color of their genre.
- The potassium element has a major role in the absorption of elements, It is a catalyst for other ions to enter the cell walls. It also has a fundamental role in the ion exchange process and in building the nucleus, therefore, it improves growth and development of the plant. Potassium also plays an important role in the formation of energy and in building and strengthening the plant immune system establishing resistance against insects and major diseases.
- (It is used in all irrigation and foliar sprinkler systems.)

# AG Pura Plus

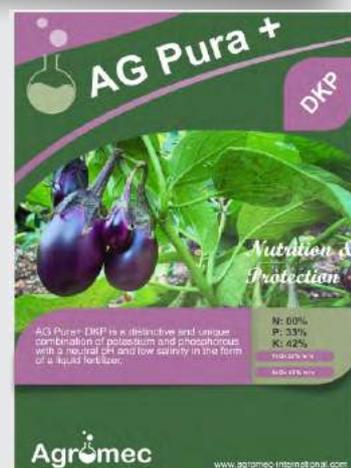
Specialized Liquid Fertilizer compounds

## AG Pura Plus DKP

### DKP 0-33-42

AG Pura+ DKP is a distinctive and unique combination of potassium and phosphorous with a neutral pH and low salinity in the form of a liquid fertilizer.

Packing: 250 mL- 500mL- 1L- 5L- 10L- 20L



P<sub>2</sub>O<sub>5</sub> 33% w/v

K<sub>2</sub>O 42% w/v

### Features:

- It stimulates root growth and helps the development and growth of plants.
- It is an ideal fertilizer to add to plants that require a balanced level of phosphorous and potassium.
- It is used for spraying on the shoots or for adding to the soil through irrigation systems.
- It is used in warm and cold areas alike and gives high results and efficiency.
- It improves fruit set, flowering and the development of side branches.
- It is free of chlorine, sodium and heavy metals.
- It contains potash in a neutral form, absorbable 100% in most conditions and atmospheres.
- It prevents and treats the symptoms of potash deficiency in all crops and plants.
- It stimulates production process and increases production rates while preserving the quality and size of fruits.
- It Improves fruit quality, hardness and color.
- It Treats phosphorus and potash deficiency, which leads to increased production.
- A high concentration of potassium leads to an increase in plant nutrition in general.
- It improves the processes of transporting sugars and the formation of starch in fruits.
- It increases the fruit's resistance to injuries during storage and transportation.
- (It is used in all irrigation and foliar sprinkler systems.)

### Time and Direction of use:

- It is used in advanced stages of growth when high levels of phosphorus and potash are required to form a strong root group.
- It is used during the fruiting stage until harvesting to increase the size and improve quality, appearance and hardness of the fruits.

**Agromec**

Chemicals Company For Fertilizers and Agrochemicals (AGROMECC)

www.agromec-international.com

# AG Pura Plus

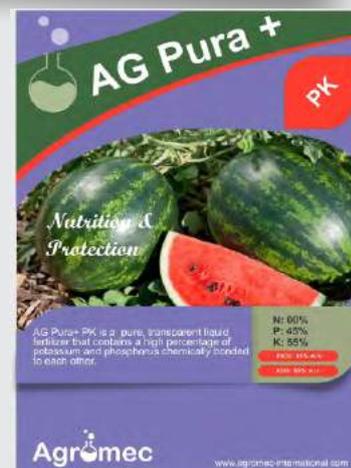
Specialized Liquid Fertilizer compounds

## AG Pura Plus PK

**PK 0-45-55**

AG Pura+ PK is a pure, transparent liquid fertilizer that contains a high percentage of potassium and phosphorus chemically bonded to each other.

**Packing: 250 mL- 500mL- 1L- 5L- 10L- 20L**



**P<sub>2</sub>O<sub>5</sub>: 45% w/v**

**K<sub>2</sub>O: 55% w/v**

## FEATURES:

- Formulated with high concentrations of Liquid Potassium Phosphate to improve flowering and fruit set.
- Stimulates the natural immune system of crops and reduces the impact of diseases such as: root rot, Phytophthora, Pythium, Alternaria, Peronospora...
- Easy to absorb and transfer through plant tissues
- It can be mixed with most pesticides and a limited spraying trial is recommended to determine compatibility with other materials .
- (It is used in all irrigation and foliar sprinkler systems.)

## Notes:

- Keep in a cool dry place / storage temperature from (30 -50)
- Keep out of reach from children
- Keep away from food, beverages and animal food.

# AG Pura Plus

Specialized Liquid Fertilizer compounds

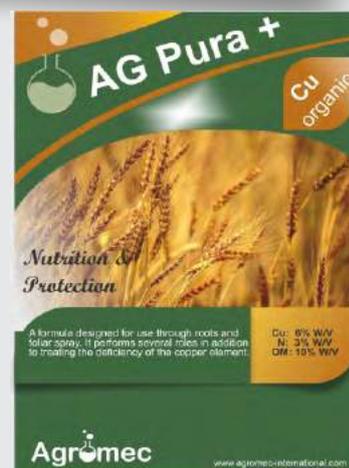
## AG Pura Plus Cu (Organic)

Cu 6%W/V

N 3% W/V

O.M 10%W/V

Packing: 250 mL- 500mL- 1L- 5L- 10L- 20L



### FEATURES:

- A formula designed for use through roots and foliar spray. It performs several roles in addition to treating and preventing the deficiency of the copper element.
- This unique formula stimulates the immune system in the plant to fight fungal and bacterial diseases.
- Help to clean the environment from dust and dirt resulting from dry compounds.
- It helps to give a homogeneous spray solution.
- Do not leave a trace of copper residue on the leaves.
- It treats copper deficiency represented by yellowing of newly growing leaves. Copper deficiencies stimulates the growth of bacteria and diseases, therefore, organic copper is an important compound for developing plant resistance to fungal and bacterial diseases.
- AG Pura+ Cu Organic increases vegetative growth and improves leaf color.
- Prevents and treats the symptoms of copper deficiency.
- Stimulates growth and increases the activity of vital processes in the plant.
- Effective in alkaline and salty soils
- Suitable for foliar spray and use in all other irrigation systems.

### Rate of use:

- Foliar spray: 100 – 150 cm for each 100L water.
- Drip irrigation: 150 – 250 cm per 1000 m<sup>2</sup>
- Axial spraying: 1.5 – 3 per hectare.
- Ground sprinklers: 100 – 200 cm per 1000 m<sup>2</sup>

**Agromec**

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# AG Pura Plus

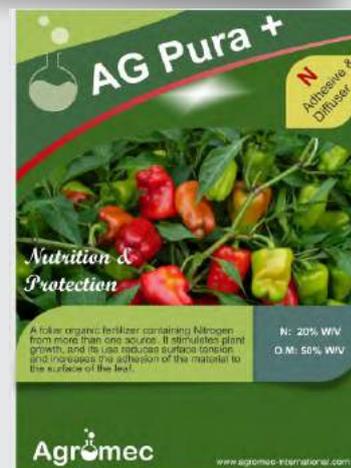
Specialized Liquid Fertilizer compounds

## AG Pura Plus N (Adhesive & Diffuser)

N 20% W/V

O.M 50%

Packing: 250 mL- 500mL- 1L- 5L- 10L- 20L



N: 20% w/v

### FEATURES:

- This compound is an organic natural fertilizer that contains nitrogen from more than one source.
- It is used with fertilizers and other pesticides to increase their absorption and reduce the surface tension of the spray solution in addition to its role as a nutrient for the plants.
- It is a foliar fertilizer that stimulates plant growth, and its use reduces surface tension and increases the adhesion of the material to the surface of the leaf.
- AG Pura+ N is a fertilizer with a role of a diffuser and a wet adhesive.
- It can be mixed with pesticides and other fertilizers to improve their absorption and increase their effectiveness.
- It activates the vital processes in the plant and stimulates growth.

### Rate of use:

- 25 – 50 ml / 200L Water for all crops
- 50 – 100 ml/ 200L water for all trees

# AG Pura Plus

Specialized Liquid Fertilizer compounds

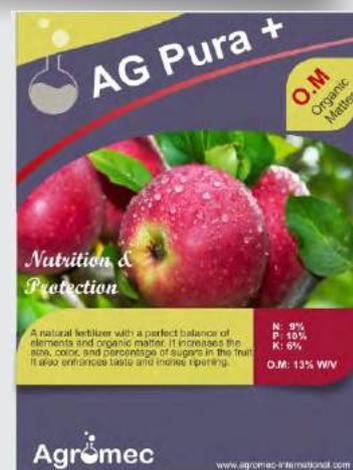
## AG Pura Plus OM (Organic matter)

N 9% w/v

P 10% w/v

K 6% w/v

OM 13% w/v



Packing: 250 mL- 500mL- 1L- 5L- 10L- 20L

## FEATURES:

- Perfect balance of elements and organic matter .
- Rapid and gradual effect of nutrients .
- Neutral smell .
- It increases the size, color and the percentage of sugars in the fruit. It also enhances taste and incites ripening.
- It contains a fair percentage of nitrogen, which helps in forming dense fruits and obtaining shiny leaves.
- The Potassium contributes to the processe of converting carbohydrates and sugars to starch.
- It helps absorb elements and their transfer within the plant and helps absorb nitrogen from the soil with high efficiency.
- It increases plant resistance to drought and reduces transpiration processes and has a key role in photosynthesis.
- It increases plant resistance to fungal and bacterial diseases.
- (It is used in all irrigation and foliar sprinkler systems.)

# AG Pura Plus

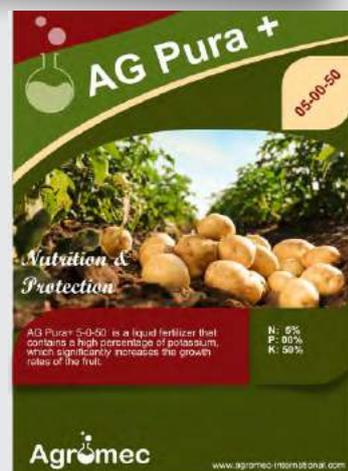
Specialized Liquid Fertilizer compounds

## AG Pura Plus 5-0-50

**NPK: 5-0-50**

AG Pura+ 5-0-50 is a liquid fertilizer that contains a high percentage of potassium, which significantly increases the growth rates of the fruits.

**Packing: 250 mL- 500mL- 1L- 5L- 10L- 20L**



**N 5% W/V**

**K 50% W/V**

### FEATURES:

- Fertilizer rich in potassium and containing a fair amount of nitrogen. It's important in the production and manufacture of proteins necessary to the respiratory systems.
- It increases the size, color, ripeness and taste of the fruits and increases their percentage of sugar.
- It contains a percentage of nitrogen which helps in forming dense fruits and obtaining shiny leaves.
- The high Potassium rate contributes to the process of converting carbohydrates within the plant, reducing sugars and converting them to starch.
- It helps absorb the elements and their transfer within the plant and helps efficiently absorb nitrogen from the soil.
- It increases plant resistance to drought and reduces transpiration processes and has a key role in photosynthesis.
- It increases plant resistance to fungal and bacterial diseases.
- It helps in the emergence of dense vegetative growth.
- It increases the size of the fruits, their hardness and the quantity of production.
- It improves the taste of the fruits produced.
- It gives the fruits the right color.
- (It is used in all irrigation and foliar sprinkler systems.)

### Time and Direction of use:

- It is recommended to use it in the periods of flowering and fruiting.

# AG CAL

## Calcium Compositions



### AG CAL

Calcium is considered one of the basic elements of plants and has a vital and fundamental role in plant growth, it affects many physiological processes in the plants.

The element Calcium significantly affects the plant nodule and its deficiency leads to many diseases and symptoms such as the Blossom end rot and the cork stain ( bitter pit) in some agricultural crops.

It also plays a fundamental role in building the wall of the plant cells and has a major contribution in the ion exchange process in the soil solution.

Calcium is one of the important element that must be added permanently to the plant to improve the characteristics of the fruit as well as to prolong its storage life.

It also plays an essential role salinity treatment.

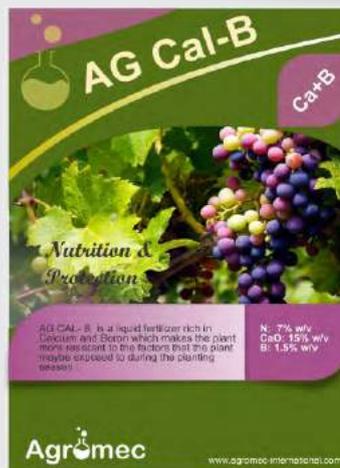
**AG CAL-B**  
**AG CAL- Mg**  
**AG CAL- Om**  
**AG CAL-N**

# AG CAL

## Calcium Compositions

### AG CAL-B

AG CAL- B is a liquid fertilizer rich in Calcium and Boron which makes the plant more resistant to the factors that the plant maybe exposed to during the planting season .



N 7% w/v

CaO 15% w/v

B 1.5% w/v

Packing: 250 mL- 500mL- 1L- 5L- 10L- 20L

### FEATURES:

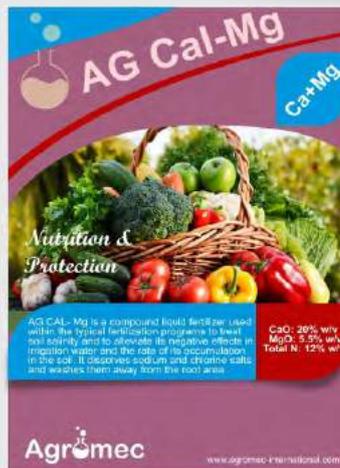
- A fertilizer that moves easily within the plants without any effort which leads to quick and amazing results.
- It provides the plants needs of nitrogen, calcium and boron through foliar or ground fertilization.
- It's a Fertilizer with a new technology in the field of fertilization, environmentally safe and is used in organic agriculture.
- It treats calcium deficiency and the symptoms resulting from it such as blossom end rot and cork spot.
- The presence of boron helps to absorb calcium, which makes it more available. Also boron is considered essential in building calcium inside the cell.
- It is used to treat the symptoms resulting from boron deficiency, such as (yellowing of the flower cluster, fruit deformities, the appearance of *hens and chicks* in grapes).
- It is manufactured to guarantee no damage to the plants leaves and works effectively in all types of soil including sandy, base, limestone and poor soils.
- It increases the hardness and improves shape regularity and size of the fruit, it also prolongs storage life.
- It builds resistance to flower tip rot and to leaf burning edges on tomato / pepper / watermelon and reduces bitter pit disease in apple.
- Boron enhances flowering, fruit set and seed production, and reduces plant death, it plays an important role in the plant reproductive cells.
- It has no negative effects on the environment and does not contain hormones or stimulants harmful to plants.

# AG CAL

## Calcium Compositions

### AG CAL- Mg

AG CAL- Mg is a compound liquid fertilizer used within the typical fertilization programs to treat soil salinity and to alleviate its negative effects in irrigation water and the rate of its accumulation in the soil. It dissolves sodium and chlorine salts and washes them away from the root area .



CaO: 20% w/v

MgO: 5.5% w/v

Total N: 12% w/v

Packing: 250 mL- 500mL- 1L- 5L- 10L- 20L

### FEATURES:

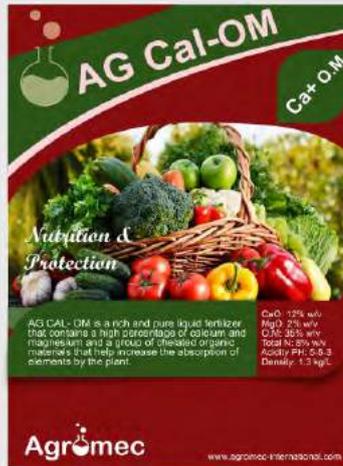
- CAL- Mg treats Calcium and Magnesium deficiencies in most soil types.
- It helps in Cell division and in the development of plant tissue, flowering and nodes formation.
- It helps the absorption of water and carbon dioxide .
- It stimulates growth and speeds up the maturation process .
- It reduces Blossom end rot disease in tomato and cucumber crops and tip burn in lettuce and cabbage crops .
- It reduces flower dryness and help the fruit set in a plant .
- It reduces yellow leaves symptoms and plant stunting.
- It dissolves quickly and helps reduce the percentage of falling flowers and fruits.
- Magnesium is an essential element in the formation of Chlorophyll and in the photosynthesis .
- The Magnesium component enters the cell walls and it's a tonic agent for a number of Enzymes.
- It prevents the formation of Leaf curling .

# AG CAL

## Calcium Compositions

### AG CAL- OM

AG CAL- OM is a rich and pure liquid fertilizer that contains a high percentage of calcium and magnesium and a group of chelated organic materials that help increase the absorption of elements by the plant.



CaO: 12% w/v

MgO: 2% w/v

O.M: 35% w/v

Total N: 8%

Acidity PH - 5-5-3

Density - 1.3 kg/L

Packing: 250 mL- 500mL- 1L- 5L- 10L- 20L

### FEATURES:

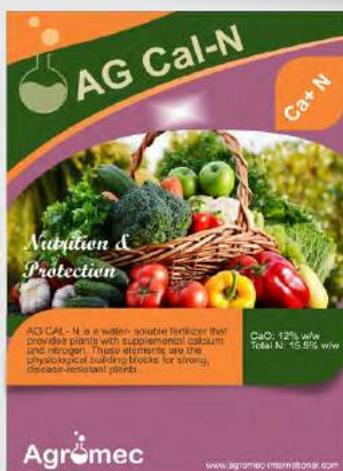
- CAL- OM reduces the side effects of irrigating with hard water.
- Reduces Sodium toxicity in seeds and young plants.
- Dissolves insoluble salt, sodium and chlorine then convert them to soluble salts which can be washed away from the root zone by irrigation water.
- Improves soil structure and tints chemical properties.
- Stimulates root growth and soil penetration.
- Compensates for the Magnesium and Calcium deficiency .
- Improves soil aeration.

# AG CAL

## Calcium Compositions

### AG CAL- N (Calcium Nitrate)

AG CAL- N is a water- soluble fertilizer that provides plants with supplemental calcium and nitrogen. These elements are the physiological building blocks for strong, disease-resistant plants.



CaO: 26.5% w \ w

Total N: 15.5% w \ w

Packing: 1-5-10-25 KG

### WHY USE CALCIUM NITRATE?

Calcium Nitrate enhances the efficiency of the photosynthesis process of the plant because it enters the installation of chloroplasts and raises the plant's ability to resist fungal and bacterial diseases. It also hardens plant tissues and builds plant proteins, which encourages the growth of roots and reduces flower and fruit drop after fruit set.

### FEATURES:

- AG CAL- N is a granular compound fertilizer consisting of two components: Calcium and Nitrogen. It has a white appearance, dissolves quickly and completely in water and it is easily absorbed by the plant .
- An ideal combination of Nitrogen in the form of 15.5% Nitrate completely dissolvable in water and 26.5% Calcium .
- This combination is pure in composition and can be used in both greenhouses and open field crops via sprinkler and drip irrigation system, it can also be used by foliar application.
- It has no negative effects on the plant or soil.
- It also treats soil salinity.

# AG Acid

Amino Acids



## AG ACID

We offer a group of Amino Acids containing 17 types of free Amino Acids soluble in water.

The Amino Acids have an important role in promoting plant growth and development in different stages ( growth, flowering and fruit set ). They encourage protein synthesis and the formation of enzymes and enhance their activity.

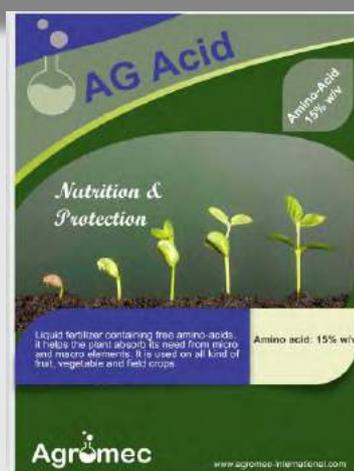
The Amino Acids are important in the vital plant cycle and can be absorbed by the roots or through the respiratory stomata.

Amino Acids help the plant to overcome difficult conditions, they provide the plant with readily available materials that supply energy and improve plant growth and development .

# AG Acid

## Amino- Acids

### AG Acid (Amino-acids)



Amino Acid 15% W/V

Amino Acid 10% + 5% sea weed

Amino Acid 2% + 15% sea weed + 1.5% Fulvic +TE

NPK 7-7-7 + 15% Amino Acid +5% sea

NPK 8-0-0 + 15% Amino

NPK 5-0-10 + 10% Amino Acid +5% Sea Weed

NPK 5-0-10 + 20% Amino Acid

Packing: 250 mL- 500mL- 1L- 5L- 10L- 20L

### FEATURES:

- Contains free Amino Acids.
- It is used on all kinds of fruit, vegetable and field crops.
- It helps the plant absorb all its needs from the micro and macro elements.
- It increases the plant's ability to withstand difficult weather conditions such as: heat and frost, and also helps resist diseases and tolerate salinity.
- It creates a source of energy for the beneficial microorganisms present in the soil.
- It increases the Cation exchange property in the soil. Amino Acids form a negatively charged halo around the soil molecules they touch, attracting positively charged nutrients such as - Fe - Cu - Zn - Mg - Mn .... etc.
- It enhances plants resistance to stress.
- Provides organic nitrogen, supporting plants with essential amino acids.
- Increases chlorophyll content and promoting photosynthesis.
- Helps plants to better absorb nutrients.
- Stimulates root growth and promotes vigorous flowering and fruiting.
- Improves plants resistance to frost and diseases.
- Amino acids fertilizers containing seaweed (especially alginate found in seaweed) act as soil conditioners. Alginic acid reacts with minerals in the soil and forms long and interlocking polymers that improves soil degradation and swells when wet, retaining moisture for a long time.
- It works to increase production and improve the quality and quantity of fruits.

# AG Micro

## Trace Element Fertilizers



### AG Micro

Trace elements are essential and plants need them in small quantities.

These minerals are mostly positively charged, which makes stick to clay grains resulting in their fast oxidation. So chelating these elements is an essential step for their availability to the plant and a very important factor to prevent oxidation, as chelating prevents the elements adhesion to the clay in the soil solution.

The chelating agents (HUMIC, Amino Acid, EDTA, EDDHA EDDHA) are materials that are easy to move in the soil solution or through the respiratory stomata.

Without chelation the trace elements necessary for the plants and crops life cannot be efficiently provided to them.

**AG Micro Mix**  
**AG Micro Mix Plus**  
**AG Micro Fe 13%**  
**AG Micro Mn 13%**  
**AG Micro Zn 15%**  
**AG Micro B-Zn Liquid**  
**AG Micro Fe 8% Liquid**

# AG Micro

## Trace Element Fertilizers

### AG Micro MIX

Zn 4% w \ w

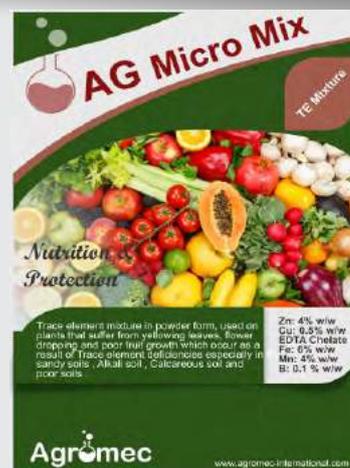
Fe 6% w \ w

Cu 0.5%

Mn 4% w \ w

EDTA Chelate

B 0.1% w \ w



Packing: 1-5-10-25 KG

### FEATURES:

- This trace element mixture in powder form is manufactured to prevent all further damage to the leaves of the plant. It is to be used on plants that suffer from yellowing leaves, flower dropping and poor growth of fruit, symptoms that occur as a result of one or more deficiencies in trace elements, especially in the sandy soils , Alkali soil , Calcareous soil and generally poor soils . For fast treatment It is recommended to spray the mixture on plants, and it can also be applied through ground fertilization.
- It is a mixture of many trace elements that provides the plant with what it needs. It is used during the growing stages. it is in a chelated form that is easily absorbed by the plant.
- It dissolves easily and quickly in water.
- It is compatible with most water-soluble fertilizers .

# AG Micro

## Trace Element Fertilizers

### AG Micro MIX PLUS

Zn 3 % w\w

Fe 6 % w\w

Mn 3 %

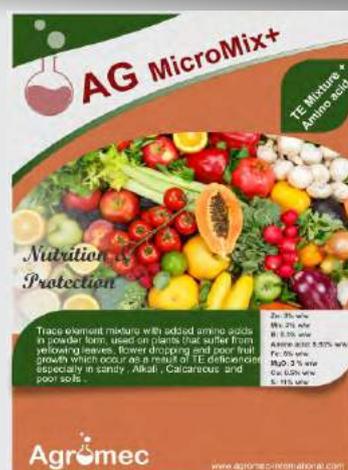
MgO 3 %

B 0.3 % w/w

Cu 0.5 % w\w

Amino Acid 9.53 % w\w

S 11 % w\w



Packing: 1-5-10-25 KG

### FEATURES:

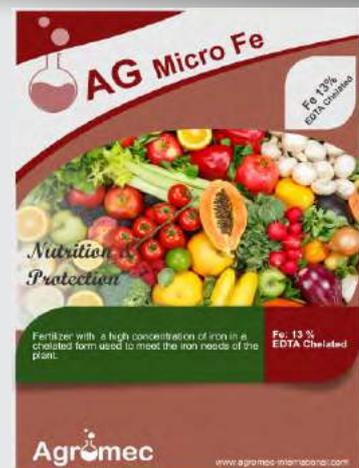
- This trace element mixture in powder form is loaded with Amino Acid and is manufactured to prevent all further damage to the plant's Leaves. It is to be used on plants that suffer from yellowing leaves, flower dropping and poor growth of fruit , which occur as a result of one or more deficiencies in trace elements, especially in the sandy soils , Alkali soil , Calcareous soil and poor soils . For fast treatment It is recommended to spray the mixture on plants, and it can also be applied with ground fertilization.
- The Amino Acid in this mixture helps to maintain a high level of moisture and dissolved ions, allowing for higher absorption of nutrients by the plant.
- It is a mixture of many trace elements that provides the plant with what it needs. Used during the growing period, it is in a chelated form that is easily absorbed by the plant.
- It dissolves easily and quickly in water.
- It is compatible with most water-soluble fertilizers.

# AG Micro

## Trace Element Fertilizers

### AG Micro Fe 13%

Fe 13 % EDTA Chelate



Packing: 1-5-10-25 KG

### FEATURES:

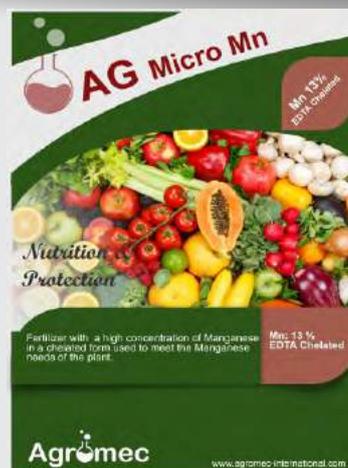
- It contains a high concentration of iron in a chelated form used to meet the iron needs of the plant.
- It is used to treat the symptoms of iron deficiency by spraying the mixture on the plants or applying it with ground fertilization.
- Produced in a chelated form, which ensures that no damage occurs to the leaves of the plant and is especially used on plants that suffer from iron deficiency in the sandy soils , Alkali soil , Calcareous soil and poor soils.
- A fast treatment for iron deficiency symptoms, as it contains 13% iron, an essential element for the plant's energy production.
- It helps to complete all vital processes and improves plant growth. It works on the formation of chlorophyll inside the plant and leads to a significant increase in vegetative growth.
- It is involved in biological processes such as oxidation and photosynthesis.
- It treats iron deficiency that causes yellowing of the plant and a defect in the vital processes inside the plant.
- It helps to absorb other nutrients because it is responsible for production of the energy needed for the absorption process.
- It increases the yield and improves the quality of the fruits.
- It is completely soluble in water.
- It plays an important role in plant photosynthesis.

# AG Micro

## Trace Element Fertilizers

### AG Micro Mn 13%

Mn 13% EDTA Chelated



Packing: 1-5-10-25 KG

### FEATURES:

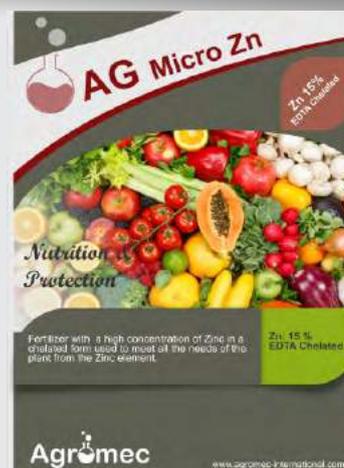
- Contains a high concentration of manganese chelated in the form of EDTA .
- It is used to fill the plant's manganese needs.
- It is used to treat the symptoms of manganese deficiency by spraying the mixture on the plant, It can also be applied with ground fertilization.
- It is produced in a chelated form, which ensures that no damage occurs to the leaves of the plant and it is especially made for plants suffering from manganese deficiency in poor soils.
- It is made of pure, completely soluble materials.
- It has an Acidic effect.
- Manganese plays an essential role in the biological processes that take place inside plants, it encourages new growths stimulates Redox (Reduction- oxidation). It also regulates energy for the formation of amino enzymes inducing flowering and nodule formation.
- This form of chelated manganese is suitable for treating the symptoms of deficiency, which increases plant resistance to diseases and helps to increase production and improves fruits quality.

# AG Micro

## Trace Element Fertilizers

### AG Micro Zn 15%

Zn 13% EDTA Chelated



Packing: 1-5-10-25 KG

### FEATURES:

- Contains a high concentration of Zinc chelated in the form of EDTA .
- It is used to fulfill the plant's needs of the Zinc element.
- It is used to treat the symptoms of Zinc deficiency by spraying the mixture on plants, It can also be applied with ground fertilization.
- It is produced in a chelated form, which ensures that no damage occurs to the leaves of the plant and it is especially made for plants suffering from Zinc deficiency in poor soil.
- It is made of pure, completely soluble materials.
- It has an Acidic effect.
- Zinc plays an essential role in the biological processes that take place inside plants to encourage new growths, stimulate Redox (Reduction- oxidation) and to regulate energy for the formation of amino enzymes and to induce flowering and nodule formation.
- This form of chelated Zinc is suitable for treating the symptoms of deficiency in Calcareous soil , sandy and alkaline lands.

# AG Micro

## Trace Element Fertilizers

### AG Micro B-Zn Liquid

A pure liquid fertilizer designed for foliar spraying. It is a mixture of chelated boron and zinc, which gives a quick result and can be sprayed at the end of the season for the growth of fruit trees and for storing zinc and boron for the coming seasons.



Boron 1.5% w/v

Zinc 7% w/v

Nitrogen 11% w/v

Packing: 250 mL- 500mL-  
1L- 5L- 10L- 20L

### FEATURES:

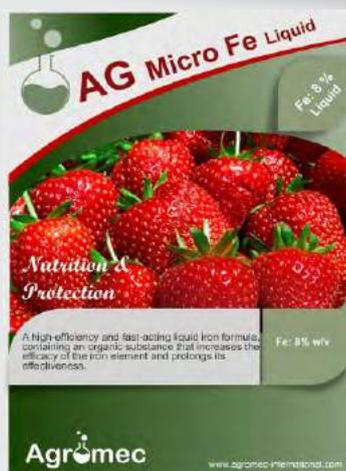
- Suitable for foliar spraying on plants because it contains high quality pure materials.
- Easy and fast absorption by plant leaves.
- The elements in this formula are more available to the plant.
- It helps to form buds in fruit trees in the spring season.
- It helps in obtaining higher productivity.
- Rate of use: 200-250m /for each 100L of water , this product can be used for crops that suffer from Boron and Zinc deficiencies.

# AG Micro

## Trace Element Fertilizers

### AG Micro Fe 8% Liquid

Fe% 8 w/v



Packing: 250 mL- 500mL-  
1L- 5L- 10L- 20L

### FEATURES:

- A high-efficiency and fast-acting liquid iron formula, containing an organic substance that increases the efficacy of the iron element and prolongs its effectiveness.
- This formula is highly effective in treating yellowing caused by iron deficiency, and it works well in acidic and alkaline soils.
- It increases the Photosynthesis process, restoring the plant's green color and stimulating growth .
- It is used in all vegetables and fruits. It gives certain species their distinctive red color (tomatoes, watermelons, apples, Prunes, strawberries, cherries...)
- It treats the symptoms of iron deficiency in different crops .
- It increases plant production of chlorophyll.
- It helps in the processes of photosynthesis and nitrogen fixation, which leads to an increase in the yield and an improvement in the fruits quality.

# AG Humic

Humic Acid Fertilizers



## AG Humic

Humic Acid is the main component of organic substances in soil and water, its presence in soil has numerous benefits:

- It stimulates ion exchange (CEC) and works to liberate potassium, nitrogen and phosphorus from sticking to clay granules, thus raising the availability of nutrients by 20-30%.
- It improves the physical properties of the soil, increasing aeration which encourages the growth of beneficial aerobic microorganisms.
- It helps to withstand drought by raising the ability of the soil to retain water.
- It plays a role in ion exchange, acting as a neutral medium that helps maintain a neutral solution necessary for root and plant growth.
- It stimulates root growth and provides suitable ventilation for the root area.

**AG Potassium Humate Crystals**  
**AG Humic Acid Liquid**  
**AG Potassium Humate paste**  
**AG Fulvic Acid**

# AG Humic

## Humic Acid Fertilizers

### AG Potassium Humate Crystals

Fully soluble Potassium Humate in Crystal Form. It activates and increases plant growth through ground fertilization, foliar spraying or irrigation.

It contains Humate salts and Fulvic acid, rich in all organic and biological matters.



Total Humic Extract	85%
Potassium Oxid	8%
Fulvic Acid	15%

Packing: 5-10-20-25 KG

### FEATURES:

- It activates the shoot system, increases productivity and improves soil properties.
- It increases plant absorption of nutrients.
- It helps the transportation of elements that are difficult to move inside the plant.
- It increases the respiration rate in the plant which helps in the metabolic process, and this is linked to a change in the properties of the protoplasm.
- It adds and protects some elements such as iron, manganese, zinc and copper from precipitation.
- Rich in all organic, biological and mineral substances essential for the crops.
- It increases the effectiveness of fertilizers by increasing the ability of the root to absorb nutrients .
  
- It makes the soil environment more convenient to root growth and ion exchange.
- It increases the vitality of seeds and tubers germination.
- It increases the activity of beneficial organisms at the root zone.
- It increases plant resistance to drought , weather fluctuations and stress.
- It activates chlorophyll, sugars and amino acids, improving quality and overall production of the crop plant.
- It limits the harmful effect of salts.
- It boosts structural composition of the soil, preventing cracks and improving aeration conditions in clay soils, it also prevents the loss of water and nutrients in sandy soils.
- It increases the yield and improves the quantity and quality of the fruits. It also energizes ornamental plants, vitalizing the flowers and enhancing the intensity of greenness on green areas.

# AG Humic

## Humic Acid Fertilizers

### AG Humic Acid Liquid

→ Humic 12 % w/v Liquid

→ Humic 36% w/v Liquid

→ Humic 12 % w/v +  
Fulvic 3% Liquid

Packing: 1-5-20 Liter



### FEATURES:

- A liquid fertilizer that facilitates the conversion of most nutritional compounds into a soluble form that can be absorbed by the plant.
- It acts as a natural plant nutrient that inhibits bacteria, improves the soil and enhances the effectiveness of fertilizers.
- It chelates most of the nutrients and makes them available to the plant and regulates and improves the vital processes in the plant, which makes growth consistent.
- It boosts ion exchange and improves the properties of saline soil and makes it more suitable for plants.
- It Promotes deep and dense root growth.
- It increases plant resistance to stress (drought, salinity, frost and heat).
- It provides readily available nitrogen and potassium and prevents nitrate leaching.
- It enhances the efficiency of other fertilizers.

### AREAS OF USE

- Agriculture (vegetables, fruits, cereals).
- Hydroponics.
- Gardens and green spaces.
- Seed treatment.

# AG Humic

## Humic Acid Fertilizers

### AG Potassium Humate Paste

Humic acid compounds extracted from natural Leonardite, in an easy to use paste form. It acts on stimulating the growth of plants roots and accelerating the germination of seeds.



N 12%

P 12%

K 12%

Fulvic 24%

Humic 24%

Ca 2 %

S 2 %

Packing: 5-10-20-25 KG

### FEATURES:

- It increases production of vegetable crops and fruit trees.
- It treats salinity problems.
- It reduces water use in agriculture.
- It increases plant resistance to diseases and hard weather conditions.
- It acts as a natural plant nutrient that inhibits bacteria, improves the soil and enhances the effectiveness of fertilizers.
- It stimulates ion exchange and improves the properties of saline soil and makes it more suitable for plants.
- It enhances plant tolerance to stress, drought, salinity, frost and heat.
- It increases root growth rate and promotes deep and dense roots.
- It improves the level of humidity, ventilation and soil construction, which improves the root system .
- It reduces soil erosion and incites adhesion between soil particles.
- It helps to release elements in the soil, especially iron, due to its ability to form bonds.

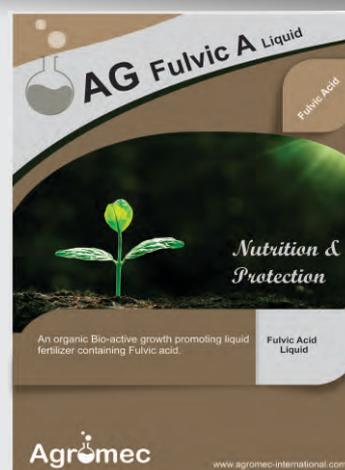
# AG Humic

Humic Acid Fertilizers

## AG Fulvic Acid Liquid

Bio-active growth promoting liquid fertilizer containing 20% Fulvic acid.

Packing: 1-5-20 Liter



## FEATURES:

- AG Fulvic improves plant growth and productivity, increases absorption of nutrients and acts as a chelating factor for elements.
- It is characterized by its ability to improve aeration and drainage in the soil, which leads to an increase in the root system .
- It enhances plant immunity against diseases, stimulates root growth and prevents diseases such as nematodes and root rot.
- It fixes nitrogen in vegetables and prevents their yellowing.
- It increases the fertility of the soil and improves its physical and chemical properties which leads to an increase in root growth and an increase in the absorption of nutrients.
- It increases the ability of the soil to retain water and moisture and induces ion exchange.
- It reduces and neutralizes the negative effects of alkaline salts and organic acids in the plant.

# AG Natura

Foliar Spray Fertilizers



## AG Natura

Distinguished combinations of nutritional elements used by spraying on the shoot system of the crop. they contain amino acids and essential vitamins that the plant needs, supported by organic acids in a sufficient quantities to stimulate growth in record time.



AG Natura Foliar Fertilizer

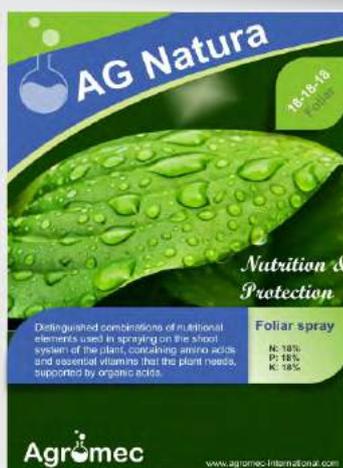
AG Natura Specialty Foliar Fertilizer

# AG Natura

## Foliar Spray Fertilizers

### AG Natura Foliar Fertilizer

Distinguished combinations of nutritional elements used by spraying on the shoot system of the plant, containing amino acids and essential vitamins that the plant needs, supported by organic acids.



18-18-18

10-25-0

20-20-20

30-10-10

9-15-3

16-8-32

31-11-11

### FEATURES:

- The trace elements used in these formulations are chelated in the form of (EDTA). they provide readily available nutrients to the plant and thus increase the efficiency of trace elements absorption.
- The credit for raising the efficiency of the product is due to the multiple additions of vitamins and amino acids in this product, which work to increase the absorption of nutrients and thus increase the effectiveness of the product in record time.
- Adding this product to the shoot system of the plant helps the crop to overcome difficult conditions and significantly increases production. It treats element deficiency and help crop to recover from it in a speedy time.

### MIXABILITY:

- It can be mixed with most of the known fertilizers and pesticides.
- It is recommended to do a test before mixing.

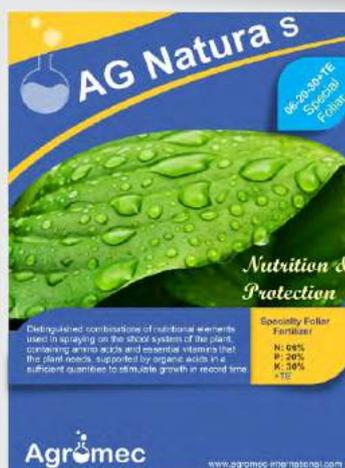
AG Natura is suitable for all types of crops.

# AG Natura

## Foliar Spray Fertilizers

### AG Natura Specialty Foliar Fertilizer

Distinguished combinations of nutritional elements used by spraying on the shoot system of the plant. they contain amino acids and essential vitamins that the plant needs, supported by organic acids in a sufficient quantities to stimulate growth in record time.



20-5-5

6-48-11 +TE

6-20-30 +TE

### FEATURES:

- The trace elements used in these formulations, chelated in the form of (EDTA), provide nutrients to the plant and thus increase the effectiveness and efficiency of trace elements absorption. The additives also activate the vital processes in the plant.
- AG Natura specialized compositions contain amino acids and pure vitamins that help in absorbing the essential and added elements from the purest raw materials, which gives amazing results and enables the plant to overcome the diseases and harsh weather conditions. All these lead to an increase in the crop production. It also stimulates the plant's immune system, increasing its ability to grow and resist insects infestation, diseases and stress.

### MIXABILITY:

- It can be mixed with most of the known fertilizers and pesticides.
- It is recommended to do a test before mixing.

AG Natura is suitable for all types of crops.

# AG Planta

Mono Fertilizers



## AG Planta

Magnesium sulfate

Potassium sulfate

Ammonium sulfate

Monoammonium Phosphate (MAP)

Monopotassium Phosphate (MKP)

Potassium chloride (MOP)

Potassium hydroxide (KOH)

Triple Super Phosphate (TSP)

Diammonium Phosphate (DAP)

Sulfur

# Agromec



**Chemicals Company For Fertilizers  
and Agrochemicals (AGROMEK)  
Amman- Jordan**



**E-mail:** [agromec@agromec-international.com](mailto:agromec@agromec-international.com)

**URL:** [www.agromec-international.com](http://www.agromec-international.com)