

AG BIO-STIMULANT Product Catalog



AG BIO-STIMULANTS



Agromec

AG CALMAX

AG CALMAX is a liquid fertilizer that provides calcium and micronutrients and remedies their deficiency symptoms in plants.

COMPOSITION:

Water-Soluble Calcium (Ca).....	10%
Water-Soluble Boron (B).....	0.5%
Water-Soluble Molybdenum(Mo).....	0.05%
Nitrogen (N).....	5%



CHARACTERISTICS:

- This compound provides calcium and micronutrients and remedies their deficiency symptoms in plants.
- Calcium plays an important role in increasing the hardness of vegetables and fruits and in extending their lives after the harvest.
- AG Calmax contains nitrogen as it is a mobile constituent in plants and it carries other constituents and transports them to all parts of the plant.
- Boron speeds up calcium transportation within the plant and increases the efficiency of hormone formation thereof.
- Boron increases the fertility of flowers and fruit nodes and reduces flowers falling phenomenon.
- Calcium prevents physiological diseases caused by its deficiency such as Blossom End Rot, fruit malformations, Hollow Heart, and fruits and overgrowth cracks.

Rate of Use :

Crop	Foliar feeding	Ground addition
Vegetables and field crops	150-200 cm ³ /100L of water at the flowering stage and the beginning of nodes.	2-3 L/ Acre at the flowering stage and the beginning of nodes.
Fruits, grapes and banana trees		

Available In 1, 5 , 20 , 200 and 1000 Liter

AG CALMAX PLUS

AG CALMAX is a liquid fertilizer that contains a multi-chelating Nitrogen Free Calcium-Boron. It contains calcium and balanced ratios of Boron for improving fruit nodes and strengthening the cell wall.

COMPOSITION:

Water-Soluble Calcium (Ca).....10%
Water-Soluble Boron (B).....0.9%



CHARACTERISTICS

- AG Calmax Plus is absorbed by all parts of the plant.
- It increases the hardness of fruits and greatly reduces their falling; on the other hand, it prevents fruit malformations and improves their marketing qualities.
- AG Calmax Plus contains Boron, which stimulates the growth of meristematic cells and increases the growth of root hair, the fertility of flowers, and fruit nodes.
- It increases the sugar ratio in sugar crops and fruit trees as the Boron transfers sugar from the leaves to the roots.
- Leaves and roots easily absorb this compound.
- AG Calmax Plus prevents many physiological diseases in vegetables and fruit such as Blossom End Rot, fruit malformations, fruit cracks, and Hollow Heart.
- It helps the plant to resist environmental stress such as high temperature and frost.
- AG Calmax Plus speeds up the transfer of Carbohydrates from production organs to storage organs and then to the fruit and tubers.
- It increases the photosynthesis process.
- It can be mixed with many fertilizers and pesticides that do not contain Phosphorus and Sulfur.

THE USAGE STAGES:

- Following the appearance of the nodes: It is used in order to reduce the fruits falling.
- At the beginning of the sizing stage: It is used during the sizing stage to contribute to the fruit hardness.
- Before fruit tenderness stage: It is used to increase fruit weight and its export quality.

AG CALMAX PLUS

Rate of Use :

Crop	Foliar feeding	Ground addition
Vegetables and field crops	150-200 cm ³ /100L of water	2-3 L/ Acre
Fruits, grapes and banana trees		

Available In 1 & 5 Liters.



AG DE SALINE EXTRA

AG DE SALINE EXTRA is an advanced technology for salinity treatment to reduce its negative effects on the soil.

COMPOSITION:

Water-Soluble Calcium (CaO).....	15%
Organic matter.....	30%
Organic carbon.....	15%
Nitrogen (N).....	8%
Carboxylic Acid.....	18%
Water-Soluble Magnesium (Mg).....	1.5%
Lignosulphonic Acid.....	10%



CHARACTERISTICS:

- It helps to deform the ionic bond and to simplify all elements for plants.
- It increases the plant's ability to withstand salt stress and dehydration as it contains calcium and short-chain carboxylic acids that reduce the risks of salinity.
- AG De-saline Extra is effective in saline soils with all kinds of crops, fruits, and vegetables.
- It increases the ability of the soil to retain water, especially in the sand, and increases the plant's ability to absorb nutrients from the soil, which increases crops' quantity and quality.
- It improves the root respiration.
- It increases the vitality of the roots and improves their growth.
- It reduces the percentage of exchanged sodium in the soil.
- It Prevents sedimentation in the irrigation systems.
- It increases the soil stable aggregates and improves them.
- It reduces the salinity of irrigation water and prevents sedimentation around the roots.
- It prevents sedimentation of elements in the irrigation system, which prevents clogging.
- It reduces the soil's PH.

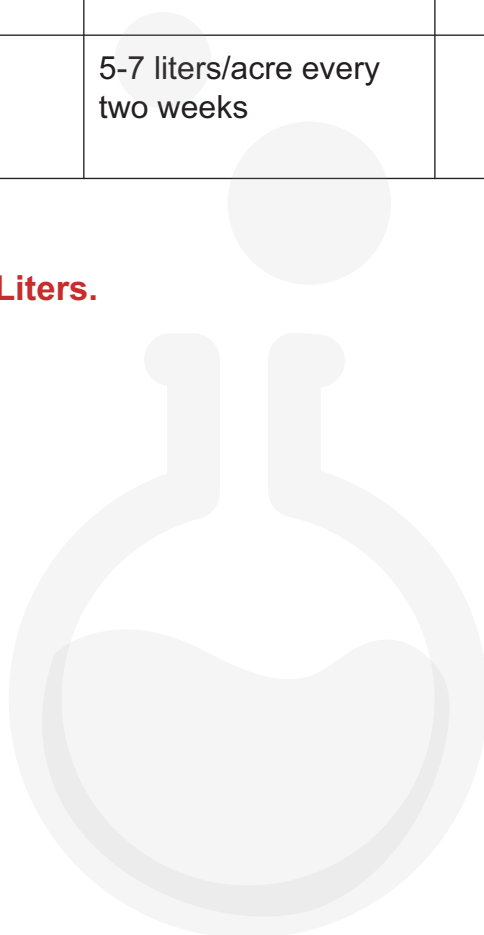
THE USAGE RATES:

- It shall be used in low doses every week, depending on the salinity of soil and water.
- It can be used with all kinds of crops with an average of 2.5 - 5 liters/acre depending on the salinity of soil with repetition once every two weeks in general, or as follows:

AG DE SALINE EXTRA

Salinity Ratio	Application Rate	Method
Less than 6 (3840 ppm):	2-3 liters/acre every two weeks	In the last quarter of an hour of irrigation
Low doses are to be at the beginning of plant life. Large doses are to be at the beginning of growth cycles, blossoming, and appearance of fruit nodes.		
From 6 - 9 (3840 - 5760 ppm):	3-5 liters/acre every two weeks	
Above 9 (5760 - 12000 ppm):	5-7 liters/acre every two weeks	

Available In 1, 5 & 25 Liters.



AG EARTH TREASURE

AG EARTH TREASURE is a complete natural extract composition, with solids ratio of an average of 60 to 65% counted as organic materials.

COMPOSITION:

Organic Matter.....	40%
Total Humic Acids	10%
Fulvic Acids.....	10%
Potassium (K ₂ O) Water- Soluble	5%
Phosphorus (P ₂ O ₅)	5%
Organic Nitrogen (N).....	3%
Ureic Nitrogen (N)	2%



CHARACTERISTICS:

Improves the properties of the soil and restores its fertility and quality.

- Rejuvenates plants.
- Helps the soil to retain water, which helps save in irrigation water.
- Increases crop productivity from 20 to 30% and increases the quality and quantity of fruits.
- Improves the properties of all fertilizers when mixed and added with it and increases the efficiency of it, which makes the soil the fullest.
- It eliminates the use of spool and service in soil processing.
- It eliminates the use of humic, fulvic, all organic fertilizers, and salt treatment at the same time for all soil types.
- It promotes the growth and development of the root and vegetables.
- Increases the beneficial organisms in the soil.
- It increases the porosity and ventilation of mud soil and increases its drainage capacity.
- Increases cation exchange, reflecting the extent to which soil is able to maintain and facilitate nutrients, especially micro-elements.
- Increases the plant's ability to absorb, which increases the efficiency of the fertilizers used.
- Increases the microbial activity of the soil and provides the oxygen necessary for it, which helps to stimulate the growth of roots and strengthen the resistance to soil diseases.

AG EARTH TREASURE

THE USAGE RATES:

- Use of 3 to 5 kg per week with water irrigation water in all types of sandy and clay land.

Note:

- This product is organic and fully decomposed and soluble and improves the characteristics of the soil
- It is not counted as a fertilizer.

Available In 1, 5 & 25 Liters.



AG MICRO ELEMENTS

AG MICRO ELEMENTS is a mixture of micronutrients and amino acids used to stimulate the plant and remedy the deficiency of micronutrients.

COMPOSITION:

Amino Acids	10%
Water soluble Iron (Fe).....	2.5%
Water-Soluble Zinc (Zn)	2.75%
Water-Soluble Magnesium (Mg)	2.5%
Water-Soluble Manganese (Mn)	2%
Water-Soluble Boron (B)	0.2%
Water-Soluble Copper (Cu).....	0.2%
Water-Soluble Molybdenum (Mo).....	0.1%



CHARACTERISTICS:

AG Micro Elements is a fertilizer that contains micronutrients in an integrated and balanced manner as easily absorbable chelates.

- It contains a ratio of amino acids that help the plant to resist environmental stress.
- It contains iron that increases the formation rate of chlorophyll during the photosynthesis process; also, it acts as a co-factor in respiration.
- It contains manganese that plays an important role in the Redox Reactions and in the Protein Synthesis process.
- It contains Zinc that plays a role in the transformation of the amino acid (Tryptophan) which is the source of the plant hormone (Indole Acetic Acid). Such hormone plays an important role in the root growth and cell divisions of the lateral vacuoles.
- Zinc is a very important component for the carbohydrate metabolism as it stimulates many enzymes that convert sugars into the energy needed for all biological processes within the plant tissues. Zinc also plays a role in the representation of both nitrogen and phosphorous and in Protein Synthesis process.
- It contains Boron that stimulates the growth of meristematic cells and increases the growth of root hair and fertility of flowerings and fruit nodes.

AG MICRO ELEMENTS

THE DOSE AND USAGE METHOD:

CROPS	DOSE	USAGE TIME & PERIOD
Additions shall be made by spraying leaves.		
Wheat - Rice	50-75 ml /liter of Water	The first use shall be in the branching stage. It shall be used then repeatedly at the beginning of the spikes expulsion.
Maize		15 days prior to flowering. It shall be used then repeatedly in the grain filling stage.
Cotton		15 days prior to flowering. It shall be used then repeatedly at the beginning of boll formation.
Vegetable Crops		After the formation of a vegetable system sufficient to absorb the spray solution. It shall be used then repeatedly every 15-20 days depending on the need of the plant.
Potato		The first spray shall be made 40 days after planting. It shall be used then repeatedly twice with a break of 15 days.
Evergreen fruits		The first use shall be before the flowering stage and the second use shall be after completion of nodes. It shall be used then repeatedly twice with a break of 15 days between every two uses.
Deciduous Fruits		The first use shall be when the leaves completely appear. It shall be used then repeatedly 2-3 times with a break of 10 days between every two uses.
Legumes		The first use shall be before the flowering stage. It shall be used then repeatedly after completion of nodes.
Onions – Garlic		The first use shall be after seedling. It shall be used then repeatedly twice with a break of 20 days between every two uses.



AG MICRO ELEMENTS

CROPS	DOSE	USAGE TIME & PERIOD
Additions shall be made by spraying leaves .		
Grapes	50-75 MI /liter of Water	The first use shall be after leaves formation and the second use shall be after completion of the node. The third use shall be after two weeks from the second use.
Additions added by water irrigation (Drip Irrigation)		
Field Crops- Vegetables- Fruit	0.75-1 Liter/ Acre	It shall be used 2-3 times depending on the need of the plant with a break of 20 days between every two uses.

Available In 1, 5 & 25 Liters.



AG MULTI AMINO ACIDS

AG MULTI AMINO ACIDS is a highly pure composition and it is water-soluble.

COMPOSITION:

Amino Acids	24%
Organic Nitrogen (N)	9%
Ureic Nitrogen (N)	3%
Phosphorus (P2O5)	5%



CHARACTERISTICS:

AG Multi Amino Acids

- It strengthens the ability of plants to endure environmental stress conditions such as heat and salinity.
- It increases the ability of plants to retain water, especially in sandy soils.
- It increases the root system of the plant that is reflected in the increase of the crop quantity and quality.
- It increases the blossom and fruit nodes of all plants.
- It increases the ability of plants to resist fungal diseases as well as insects.
- It stimulates beneficial microorganisms in the soil.
- It increases the ability of plants to absorb nutrients from the soil.
- It increases the storage ability of the fruits after picking thereof.
- When using AG Multi Amino Acid, it reduces frosts cases that burn mango leaves.
- When treating using AG Multi Amino Acid, it reduces the Alternate Bearing Phenomenon in citrus and fruits.

AG MULTI AMINO ACIDS

THE DOSE AND USAGE METHOD:

CROPS	DOSE	USAGE TIME & PERIOD
Additions shall be made by spraying leaves.		
Wheat - Rice- Maize - Cotton	75-100 Cm3/ 100 liter of water	Spray shall be made before the flowering stage. It shall be used then 3 times repeatedly with a break of 10 days between every two uses.
Tomato - Pepper - Eggplant - Cucumber – Watermelon		
Cantaloup - Courgettes - Pea - Bean – Strawberry	100-150 Cm3/ 100 liter of water	The first use shall be after the formation of 6-7 leaves. It shall be used then 3-5 times repeatedly with a break of 10 days between every two uses.
Potatoes	100-150 Cm3/ 100 liter of water	The first use shall be made during the vegetative growth and then at the begging of tubers formation. It shall be used then 3-4 times repeatedly with a break of one week between every two uses.
Peach - Apples - Pears - Apricots – Plums	100-150 Cm3/ 100 liter of water	The first use shall be made in the flowering depth and directly at the beginning of nodes. It shall be used then repeatedly 4-5 times with a break of one week between every two uses.
Citrus - Guava - Mango – Banana	100-150 Cm3/ 100 liter of water	The first use shall be made during the formation stage of new vegetative growths. It shall be used then repeatedly every 15 days depending on the need of the trees.
Grapes	100-150 Cm3/ 100 liter of water	When flowering reaches 10%, it reduces heat stress. When growths reach 15 Cm, it increases the cell division process. When growths reach 75 Cm, it increases absorption efficiency.

AG MULTI AMINO ACIDS

CROPS	DOSE	USAGE TIME & PERIOD
Additions added by water irrigation (Drip Irrigation)		
Field crops – Vegetables – Fruits	1-1.5 Liter/ Acre (Depending on the need of the plant)	It shall be used 4-5 times with a break of 10 days between every two uses.

Available In 1, 5 & 25 Liters.



AG PHOSPHOGUARD

AG PHOSPHOGUARD is a fully soluble fertilizer with high concentrations of phosphorous and potassium to boost blossoming and enlarge vegetables and fruits.

COMPOSITION:

Organic matter.....	15%
Organic carbon	10%
Amino Acids(Glutamic acid , aspartic acid , arginin, alanin, glycin , lysin)	3.8%
Potassium (K ₂ O)	32%
Phosphorus (P ₂ O ₅).....	26%
Water-Soluble Boron (B)	0.5%
Water-Soluble Molybdenum(Mo).....	0.02%



CHARACTERISTICS:

- AG Phosphoguard provides phosphorous that is most needed while blossoming.
- The potassium in AG Phosphoguard helps enlarge the fruits, store glucose and carbohydrates and raise the efficiency of storing.
- AG Phosphoguard stimulates the plant's bioprocess as it contains micronutrients.
- It helps in root growth and increases resistance to fungi causing root rot, it also enlarges the fruits and increases the efficiency of storing.
- It stimulates vegetative growth as it contains nitrogen and amino acids.
- AG Phosphoguard has very high efficiency in eradicating fungi that cause fungal diseases such as Powdery mildew.

THE USAGE:

- The beginning of growth: It is used to reduces the stress resulting from the beginning of growth
- Blossoming: It is used to increase blossoming, resulting in increasing the yield.
- Fruition: It is used after the completion of fruition, to increases cell division resulting in enlarging the fruits and increasing the firmness of the fruits.

AG PHOSPHOGUARD

Rate of Use :

Crop	Foliar feeding	Ground addition
Vegetables	150 Cm ³ / 100 liter of water	1 Liter/ Acre To be repeated if required
Fruits	150-200 Cm ³ / 100 liter of water	1-2 Liter/ Acre
Field crops	150 Cm ³ / 100 liter of water	1 Liter/ Acre To be repeated if required

Available In 1 & 5 Liters.



AG ROOT GROW

AG ROOT GROW: A powerful stimulator for growing roots, rich in natural auxins, it contains Amino acids + elements necessary for the growth of roots.

COMPOSITION:

Organic matter.....	15%
Amino Acids	5%
Organic Nitrogen.....	3%
Ureic Nitrogen.....	5%
Potassium (K ₂ O)	5%
Phosphorus (P ₂ O ₅).....	7%
Water-Soluble Manganese (Mn)	0.3%
Water-Soluble Zinc (Zn).....	0.2%



CHARACTERISTICS:

- It contains methionine (L-methionine) which is an amino acid that works with zinc to boost the natural production of Auxins and root growth stimulations.
- It contains many sugars made by seaweed products, which moisturize the root hair and supply them with oxygen. In addition, it increases the ability of the soil to retain water and exchange ions, which results in nutrients facilitating and benefiting from.
- It strengthens the ability of plants to endure environmental stress conditions such as (high temperature – frost - salinity) or biological stress (fungal infections, bacteria, or lava field, etc.).

Precautions to be observed:

It cannot be mixed with pesticides or other fertilizers.

AG ROOT GROW

THE DOSE AND USAGE METHOD:

CROPS	DOSE	USAGE TIME & DURATION
Vegetable seedlings	0.5 cm³ / 1 liter of water	Seedlings should be irrigated with the solution once every 4-7 days.
Fruit seedlings	0.5 cm³ / 1 liter of water	ings should be irrigated with the solution once every 15-20 days.
Vegetable crops (open field – greenhouse)	0 - 5 - L / acre	Plants should be irrigated with the solution 10 days after planting the seedlings in the sustainable soil with repetition every 10-15 days.
Grape - peach - apricot - apple - pear - plum	0 - 5 - L / acre	Trees should be irrigated with the solution a week before blossoming with repetition every 20-30 days.
Mango - Citrus - Banana - Olives	0 - 5 - L / acre	Trees should be irrigated with the solution to growing new vegetables with repetition every 20-30 days.
Strawberry	0 - 5 - L / acre	Seedlings should be irrigated with the solution 20 days after planting, with repetition every 15 days.
Ornamentals and greenery	0 - 5 - L / acre	Plants should be irrigated with the solution 20 days after planting, with repetition every month.

Available In 1, 5 & 25 Liters.

AG SELIKAT TOP

AG SELIKAR TOP: A Plant nourishing and supportive liquid fertilizer.

COMPOSITION:

Potassium Oxide (K₂O).....15%

Silicon Dioxide (SiO₂).....25%



CHARACTERISTICS:

- Limits the plant's absorption of sodium, chlorine and cadmium, thus making it more resistant to soil and water salinity.
- Increases the plant's ability to grow and produce an abundant crop of high quality as a result of protection from environmental factors, fungal and insect infections such as aphids, spiders and whitefly.
- Saves irrigation water, improves soil properties, supports biological resistance, and is a source of energy for beneficial soil microorganisms.
- Increases the strength and ability of the roots to penetrate and spread into the soil and absorb water and nutrients due to the presence of silicon that supports surface cells and protects them from molting and reduces nematode infection.
- Provides the plant with the elements of silicon and potassium, which are necessary for the different growth stages, which improves structural structure of the plant, increases the size of the fruits and maintains the water balance of the plant.
- Silicon is an essential ingredient for plants of the broad spectrum, as it works to increase yield of wheat, prevents the dormancy of plants, increases rice yields and protects against blight.
- It also stimulates the rapid growth of corn, greatly increases the productivity of sugarcane, increases the efficiency of green surfaces, and doubles its strength.

AG SELIKAT TOP

PROPERTIES:

- Protects the plant from environmental stress such as high temperatures, frost, salinity and drought which makes it more tolerant to climate changes and weather fluctuations.
- Activates the induced resistance of the plant against fungal diseases.
- An effective element in increasing the effectiveness of pesticides.
- Reduces the processes of water loss from plant transpiration- evaporation.
- Increases photosynthesis, protein and carbohydrate content of the plant and helps to increase the metabolic exchange.
- It increases phosphorus and nitrogen absorption and helps to balance microelements inside the plant.
- Fast absorption and transfers within plant tissues.
- Regulates the vital sequence of nutrients in the plant.
- Preserves fruits, grains and decorative flowers during storage, transportation and handling.
- Environmentally and systemically safe for plants, humans, animals and birds.
- Improves the characteristics of the forage by making it tasty and easy to digest, which leads to good results in the production and variety of milk and meat cattle.
- Globally certified for organic farming, food and fodder industry.

USAGE RATES:

Foliar spray: Spray at a rate of 4-8 cm/L of water.

Irrigation Water: at a rate of 2-4 L Per Acre.

Application rates depend on infestation intensity, treatment time and plant age.

Valid for all crops, all types of lands, all irrigation methods and water farms.

Compatible with most antifungals and incompatible with mineral compounds and it is preferable to test it to ensure no precipitation.

Available In 1, 5 & 25 Liters.

AG TOMICO SUPER

AG TOMICO SUPER:

Copper Compound Product with Nanotechnology used to fight Soil Pathogens Fungi infecting plant's roots.

COMPOSITION:

Copper (Cu)7%



CHARACTERISTICS:

- Copper compound manufactured with nanotechnology soil fungi resistance.
- Contains nano-particles in metallic copper.
- Copper works in its nano speed hack and proliferation within tissues of roots, which increases its effectiveness on pathological fungi that infect the roots.
- Efficient resistance of fusarium Sp- Rhizocotonia solani - pythium sp causing death of seedlings in most vegetable crops and plants in pots.
- Therapeutic compound makes it difficult for strains of fungus or bacteria to resist it.
- The small size of the particles accelerates penetration of copper through walls of fungi and bacteria causing their death.
- It is used as soil fungi resistance in fruit trees and vegetables.

AG TOMICO SUPER Action Mechanism:

AG TOMICO SUPER boat works to stop cell division of powdery mildew fungi roots such as:

Alviozariom – Albithiom – Alrisoktina - Alvirtisliom it also works to stop the growth of the fungus mislisom.

AG TOMICO SUPER

RECOMMENDATIONS:

- In case of seed plants, add 250 ml Per 10 Kg seeds.
- In case of seedlings, prepare a solution with a concentration of 1:1 then dip the seedlings for half an hour before planting.
- In case of bulbs tubers, prepare a 20% solution and immerse or spray it half an hour before planting with a concentration of 1:1.
- If the treatment of the soil is added at a rate of 2 – 5 liters, then mix the compost or sand and scatter, them on the soil surface during cultivation or beside trees with winter service and can add 2-5 liters/acre depending on the severity of the injury with water irrigation agriculture directly and resume the application one week after the first treatment.

Dose: 1-2 L/Acre depending on the severity of plants

Available In 1, 5 & 25 Liters.



NEMASTOP

A unique combination of natural plant extracts as well as natural oils and polyunsaturated fatty acids, it is a unique alternative to pesticides to eliminate nematodes.

COMPOSITION:

Saponins, & natural extracts	12.2%
Copper	1.68%
Potassium	4.3%
Amino acid	3.3%
Carboxylic acids.....	10%
Unsaturated fatty acids.....	15%
Natural extracts oils.....	35%
Water soluble Boron.....	0.8%
Inert Ingredients -Other materials.....	18.2%



NEMASTOP ACTION MECHANISM:

Nemastop is a unique combination of natural plant extracts as well as natural oils and polyunsaturated fatty acids that work in contact with the body of nematodes and eliminate them and eliminate fungi that cause root rot.

Nemastop inhibits the enzyme acetylcholinesterase in the nervous system of nematodes, which leads to a lack of control over the transmission of nerve impulses, causing rapid paralysis, so vital processes stop, damage stops, and the nematodes eventually die.

As soon as the roots of the plant absorb the product, the nematodes are prevented from feeding on the plant, which results in death due to the drying effects of linoleic and linolenic acids.

NEMASTOP PRE-HARVEST PERIOD

Nemastop is used on all types of crops, as well as organic farming and export crops. It is 100% safe, pre-harvest period zero (PHI ZERO), and compliant with the regulation of the European union.

NEMASTOP

Dosage

Crop	Dose per acre	Method of Addition
Grapes and fruit trees	3 – 5 L, according to the severity of the infection	Mid-march then a dose after 15 days, then another dose after the end of the harvest.
Strawberry seedling	3 liters	Twice with an interlude of 15 days
Strawberry	2.5 liters	A quantity of 2.5 liters per acre is given at the beginning of Mulch/ covering process, another dose is applied after 21 days with the quantity of 2.5 liters per acre. The doses shall be repeated, according to the severity of the infection
Vegetables in greenhouses and in open area	3 – 5 liters (According to the severity of infection)	A dose is given 3 days after planting the seedlings. The dose is repeated after 15 days. Then, it is repeated monthly.
Watermelon and cantaloupe	3 liters	A dose is given after one month of planting. A supplementary dose is provided 21 days later with the quantity of 3 liters per acre, as per the severity of the infection.
Banana	Supplant	First dose of 5 liters is given, and then a dose of 3 liters is given after 15 days within the month of April. Dosage repetition is according to the severity of the infection.
	Mother seedling	First dose of 5 liters is given, and then a dose of 3 liters is given after 15 days within the month of May. Dosage repetition is according to the severity of the infection.
Sugar beet	3 liters/ Acre	A dose is given one month after planting. Then, the dose is repeated after 15 days.
Peanuts	3 liters/ Acre	A dose is given one month after planting. Then, the dose is repeated after 15 days.
Tomatoes	3 liters/ Acre	A dose is given one month after planting. Then, the dose is repeated after 15 days.
Potatoes	3 liters/ Acre	A dose is given after ridging (incubation) with the quantity of 3 liters per acre. Another supplementary dose is given with the quantity of 3 liters per acre after 21 days, as per the severity.
Citrus fruits	5 liters/ Acre	The dose is repeated according to the severity of infection
Peaches	3 liters/ Acre	The dose is given during growth season, then it is repeated according to the severity of the infection
Colorful pepper	3 liters/ Acre	When the infection arises
Cucumber	3 liters/ Acre	A dose of 3 liters/ Acre is given after a week of planting. Then, it is repeated each 15 days, according to the severity of the infection.

Pre-harvest period: (no) zero.

Plant Growth Regulators (PGR)

AG Gibberellic Acid 10%TB

A Gibberellic acid based plant growth regulator in tablet form, it stimulates and accelerates the metabolism and cellular reproduction of the crop in different stages (development, flowering, fruiting).

Composition

Active ingredient: Gibberellic Acid (GA3) 10%

Formulation: Tablet

Dosage:

Can be applied to all crops but especially the following:

Crop	Rate of Use
Apple	1-2 Tb/ hL
Pear	1-2 Tb/ hL
Seedless Table Grape	1-4 Tb/ hL
Table Grape (with seeds)	0.5-1 Tb/ hL
Orange	1-2 Tb/ hL
Clementine Tangerine	1 Tb/ hL
Lemon	1-2 Tb/ hL

Plant Growth Regulators (PGR)

AG Mepiquat Chloride 25% SL

It is a plant growth regulator that regulates growth for cotton, onion and garlic. It has a systemic action. It is absorbed by the leaves and carried to all parts of the plant. Shortly after it is applied, the leaves turn dark green and the plants gain a more lively appearance.

Composition

Active ingredient: Mepiquat Chloride 25%
Formulation: Soluble Concentrate (SL)

Dosage:

Can be applied to all crops but especially the following:

Crop	Rate of Use
Cotton	-1st treatment: 300-400 mL/Ha depending on plant height -Follow-up: 250-500 ml/Ha -Final treatment: 600-1000mL/ha
Onion, Garlic	300-1000mL/ha

Plant Growth Regulators (PGR)

AG Nanao WP

A plant growth regulator that prevents premature flower and fruit drop in apples, pears, mangoes, watermelons, citrus, aubergines, cucurbits, beans, peas etc.; it improves setting in fruit; and acts as a fruit thinning agent in apples, pears, citrus, and other fruits..

Composition

Active ingredient: NAA 0.5% + NAD 1.3%+ NOA 1.5%
Formulation: Wettable Powder (WP)

Dosage:

Can be applied to the following crops:

Crop	Rate of Use	PHI
Tomato, cantaloupe, watermelon, pepper, aubergine, beans, peas, zucchini, strawberry, fava beans..	100g /200L water	1 Week
Apple, Pear, Peach	100g /200L water	1 Month
Mango, Citrus, Plum, Apricot	100g /200L water	1 Month

AG BIO-STIMULANT Product Catalog

