



# Agromec

## Liquid FERTILIZERS PRO Catalog

Good for  
THE CROP  
Good for  
YOU...

*Nutrition &  
Protection*





# ALGITOP

A Liquid Organic Substance of Plant Origin, Contains Organic Matter in the form of natural Seaweed from Marine Algae, Can be Used on All Types of Crops.



## Composition

Organic matter of vegetal seaweed origin: 17% (w/w)

Nitrogen N: 2% (w/w)

Boron: 0.4% (w/w)

## Benefits of Use:

- ✓ Increases production rate.
- ✓ Improves the quality of the crop.
- ✓ Improves the plant's resistance to harsh climatic conditions.
- ✓ Activates all plant growth.
- ✓ It can be used on all types of crops Fruit trees, Field crops, Vegetables (open and protected).

## Method and Rate of Use:

Crop	Spraying Method	Watering Method	Number of Spray/Season
Fruit Tree	5-10 ml /20L water (0.5-0.75 L/Hectar)	2-3 L / Hectar	3
Greenhouse vegetables	5-10 ml /20L water (0.5-0.75 L/Hectar)	2-3 L / Hectar	4
Open field vegetables	5-10 ml /20L water (0.5-0.75 L/Hectar)	2-3 L / Hectar	4
Field crops (potato, wheat, corn, cotton,barley tobacco)	5-10 ml /20L water (0.5-0.75 L/Hectar)	2-3 L / Hectar	Repeat when necessary



# AMINUM TOP

An Amino Stimulant composed of several Amino Acids and Macronutrients important for Plant's Life, Encourages Flowering Process and Increases Plant Growth. Activates All Parts of Plant Growth (Root - Stem - Leaves).



## Composition

Organic matter	35% (w/w)
Amino acids	20.6%(w/w)
Nitrogen N	3% (w/w)
Magnesium	1% (w/w)

## Benefits of Use:

- ✔ AMINUM TOP encourages flowering & provides amino acids necessary for growth processes.
- ✔ It is used as a general stimulant; it stimulates plant activity for stronger roots & leaf growth.
- ✔ AMINUM TOP enhances the effectiveness of microorganisms within the soil.
- ✔ It increases the plant's tolerance to various weather factors.
- ✔ AMINUM TOP improves the absorption of nutrients necessary for plant life in the soil.
- ✔ AMINUM TOP reduces the soil's PH.

## Method and Rate of Use:

It is used with irrigation water, or sprayed on leaves.

1- During the transplantation stage, use it weekly at a rate of 25-30 ml /20 L of water.

2- It is used on fruit trees, vegetables and field crops as follows:

- Outdoor crops: vegetables (tomatoes, cucumbers, zucchini.):  
Spraying: 20-25 ml /20 L of water  
Irrigation: 2- 3 L/ha.
- Protected crops: (tomatoes, cucumbers, peppers, strawberries):  
Spraying: 20-25 ml /20 L of water -  
Irrigation: 0.25-0.5 L /500 m<sup>2</sup>
- Fruit trees (Apples, stone fruits, grapes)  
Spraying: 20-25 ml /20 L water  
Irrigation: 2-4 L/ha
- Field crops: (wheat - corn - cotton..)  
Spraying: 15-20 ml / 20 L water  
Irrigation: 1-2 L /ha
- Ornamental plants and green spaces:  
15-20 ml / 20 L.



# BORMEC

Organic Fertilizer that Helps To Revitalize the Plant and Compensate for Beneficial Nutrients Deficiencies, including Boron, IT helps reducing Bitter Pit on Apples. Can Be Used on all Types of Outdoor and Protected Crops.



## Composition

Organic Matter	24% (w/w)
Boron Oxide (B <sub>2</sub> O <sub>3</sub> )	20 g/L
Zinc oxide (Zno)	2 g/L

## Benefits of Use:

- ✔ It contributes to reducing the appearance of Bitter Pit on apples.
- ✔ It helps to compensating the deficiency of Boron.
- ✔ It contributes to reducing the Hollow Heart phenomenon in beets.
- ✔ It increases the synthesis of some sugar compounds & increases oxygenation processes within the plant.
- ✔ It gives healthy and good quality fruits.
- ✔ It helps to compensate for Zinc deficiency.
- ✔ It helps to get rid of stunted branches.

## Method and Rate of Use:

It is used on fruit trees, vegetables and field crops with irrigation water or through foliar spray, as follows:

I-Outdoor crops: vegetables (tomatoes, cucumbers, zucchini, peppers, watermelon):  
\* Foliar Spray: 1.5 - 2 liters/1000 L of water.

\* Irrigation: 2- 3 liters/ha.

II- Protected crops: (tomatoes, cucumbers, peppers, strawberries):

\* Foliar spray: 0.5-1 liter/1000 liters of water.

\* Irrigation: 0.5 - 1 liter/500 m<sup>2</sup>.

III-Fruit trees: (apples - grapes - stone fruits)

\* Foliar spray: 1-2 liters/ha.

\* Irrigation 2- 3 L /ha at a rate of 50 ml/tree.

IV-Field crops: (wheat, cotton, barley, corn, sugar beets)

\* Foliar spray: 1- 1.5 L / 1000 liters of water.

\* Irrigation: 2- 3 liters/ha.

V- Ornamental plants and green spaces (lawn, turfs):

From 15-20 ml/20 liters of water.



# CALMEX15

A General Organic Stimulant that Helps New Growth. It Remedies Calcium Deficiencies in Plants. Contains Organic Matter, Calcium and Boron.



## Composition

Organic Matter	25% (w/w)
Chelated Calcium	15% (w/w)
Nitrogen (No3)	10% (w/w)
Boron	1 % (w/w)

## Benefits of Use:

- ✓ It stimulates growth, branches and leaves, which gives homogeneous plants that are close together during harvesting.
- ✓ It is used to compensate for calcium deficiency in plants.
- ✓ Calcium helps form strong cell walls, which is essential in storage and shipping.
- ✓ It increases the plant's resistance to harsh climatic conditions.
- ✓ It increases overall growth and stimulates the growth of branches and roots due to the rapid absorption of nutrients present in the soil.

## Method and Rate of Use:

It is preferable to use Calmex15 as a Foliar spray but it can be used through soil irrigation:

- 1- Outdoor crops: vegetables (tomatoes - cucumbers- zucchini- peppers- watermelon)  
Foliar Spray: 1.5-2 liters .  
Irrigation: 2-3 liters/ha.
- 2- Protected crops: (tomatoes - cucumbers - peppers - strawberries)  
Foliar Spray: 0.5-1 liter/500 m<sup>2</sup>  
Irrigation: 0.5 - 1 liter/500 m<sup>2</sup>.
- 3- Fruit trees: (apples, cherries, pears)  
Foliar spray: 1- 2 liters/ha -  
Irrigation: 2- 3 liters/ha.
- 4- Field crops: (cotton-beets - wheat)  
Foliar Spray: 1- 1.5 liters/ha -  
Irrigation: 2- 3 liters/ha
- 5- Ornamental plants and green spaces:  
15-20 ml /20 liters of water.



# CARBONIC N

A Liquid Nitrogen Organic Fertilizer Encourages Plant Vegetative Growth, It is Used to Unclog Irrigation Networks, Especially Drip Irrigation.

## Composition

Organic Matter	17% (w/v)
Organic Carbon	11% (w/v)
Total Nitrogen	40% (w/v)

## Benefits of Use:

- ✓ Encourages vegetative growth within the plant due to its richness in Nitrogen.
- ✓ Contributes to nutrients release in the soil.
- ✓ Used to open irrigation networks, especially drip irrigation.
- ✓ Contributes to improving soil texture as a result of repetitive use.
- ✓ Increases the amount of production and improves its quality.



## Method and Rate of Use:

- 1- Outdoor and protected vegetables: It is applied during vegetative growth & during the season at a rate of 1.5 - 2.5 liters/acre .
- 2- Fruit trees: It is applied from the start of spring growth until the end of the season at a rate of 2 - 3 liters/acre.
- 3- Banana crops: It is applied throughout the season and in parallel with other elements at a rate of 3 - 4 liters/acre.
- 4- Field & Fodder crops: It is applied during vegetative growth at a rate of 1 - 2 L/acre.
- 5- Ornamental Plants and Flowers: It is applied during vegetative growth at a rate of 1 - 2 liters/acre.
- 6- Green spaces (turfs, Lawn): It is applied throughout the season at a rate of 1 - 2 liters/acre.



# COXIDE TOP

A Liquid Mineral Fertilizer used as Foliar Spray or through Soil Irrigation. It helps compensate for Calcium, Magnesium & Boron deficiencies. Suitable for all kind of outdoor & protected crops.

## Composition

Calcium oxide (CaO) 12% (w/v)  
Magnesium oxide 4% (w/v)  
Boron trioxide (B<sub>2</sub>O<sub>3</sub>) 2% (w/v)

## Benefits of Use:

- ✓ It is used to compensate for Calcium deficiency and to release other nutrients in plants.
- ✓ Calcium helps build strong cell walls which helps withstand storage and shipping.
- ✓ It increases soil aeration, which helps the roots penetrate deeper as a result of Sodium leaching.
- ✓ It contributes to replacing Magnesium & Boron.
- ✓ It reduces soil pH.
- ✓ It contributes to alleviating the Hollow Heart phenomenon in Beets.
- ✓ It contributes to alleviating the occurrence of Bitter Pit disease in Apples.



## Method and Rate of Use:

It is best to use Coxide Top as Foliar Spray (sprayed on leaves), but it can be used through Soil Irrigating at the following rates:

- 1- Outdoor crops: vegetables (tomatoes, cucumbers, zucchini, peppers, watermelon)  
Foliar Spray: 1.5-2 liters/ha.  
Irrigation: 2- 3 liters/ha.
- 2- Fruit trees: (apple, cherry, pear)  
Foliar Spray: 1- 2 liters/ha.  
Irrigation: 2- 3 liters/ha.
- 3- Protected crops: (tomatoes, cucumbers, zucchini, strawberries, peppers)  
Spraying: 0.5 - 1 liter / 500 m<sup>2</sup>  
Irrigation: 0.5 - 1 liter / 500 m<sup>2</sup>
- 4- Field crops: (cotton- beetroot-wheat)  
Spraying: 1- 1.5 liters/ha.  
Irrigation: 2-3 liters/ha.
- 5- It can be used for Ornamental plants and green spaces: 15-20 ml / 20 L of water.



# FERTI BLUE

An Organic Amino Fertilizer containing Iron and Nitrogen. Replenishes the plants with beneficial nutrients. Restores the Plant's Green Color.

## Composition

Organic Matter	25% (w/w)
Magnesium oxide	2 g/L
Chelated iron	5 g/L
Nitrogen (N)	4% (w/w)

## Benefits of Use:

- ✔ It stimulates growth of branches & leaves, which gives plants that are homogeneous and close together during harvesting.
- ✔ It compensates for iron deficiency in plants.
- ✔ It helps in the formation of chloroplasts and some organic materials within the cell.
- ✔ It increases the synthesis of some sugar compounds & increases oxygenation processes within the plant.
- ✔ It stimulates new growth. Roots & branches begin to grow immediately after use.



## Method and Rate of Use:

It is preferable to use Ferti Blue as a Foliar spray (on leaves) & it can be used through soil Irrigation.

\*Seedlings : 20-25 ml /20 L water.

Grown plants : 20-25 ml /20 L water at a rate of 1.5-2 L/ha.

\*Greenhouses: 25-30 ml /20 L water for foliar spray or 350-500 ml /500 m<sup>2</sup> of irrigation water .

\*It can be used on fruit trees, vegetables and field crops as follows:

-Outdoor crops: Vegetables (tomatoes, cucumbers, zucchini, peppers, watermelon)

Foliar spray: 1.5-2 liters/1000 L water

Irrigation: 2-3 liters/ha.

-Protected crops: (tomatoes, cucumbers, peppers, strawberries)

Foliar Spray: 0.5-1 liter/1000 L water

Irrigation: 0.5 - 1 liter/500 m<sup>2</sup>.

-Fruit trees: (apples - grapes - stone fruits)

Foliar spray: 1-2 liters/ha.

Irrigation 2- 3 liters/ha, at a rate of 50 ml/tree.

-Field crops: foliar spray: 1- 1.5 liters / 1000 L water / Irrigation: 2- 3 liters/ha.

\*Ornamental plants and green turfs & lawns: 15-20 ml /20 liters of water.



# GOLDMEC

A Concentrated Organic Fertilizer containing Copper, specialized in fertilizing Wheat and barley, vegetables and seedlings. It accelerates Plant Growth and increases production.

## Composition

Organic matter in the form of Amino Acids	20% (w/w)
Organic Carbon	10% (w/w)
Copper(II) oxide (CuO)	4% (w/w)
Organic Nitrogen N	2% (w/w)



## Method and Rate of Use:

It can be used through Fertigation (irrigation) or through Foliar application (sprayed on leaves), on the following crops:

- Wheat, barley and corn:  
From 40-60 ml/20 liters Sprayed,  
or 2-3 liters/ha Irrigation.

- Vegetables:  
From 35-50 ml/20 liters Sprayed,  
or 2-4 liters/ha Irrigation.

- Other crops:  
From 35-50 ml/20 liters Sprayed,  
or 2-4 liters/ha Irrigation.

- Nurseries:  
From 30-40 ml/20 liters Sprayed,  
or 1-2 liters / 1000L Irrigation

## Benefits of Use:

- ✓ **GOLDMEC** has a special and concentrated composition of Organic matter in the form of AminoAcids and Copper, enriched with micronutrients.
- ✓ It makes it the most suitable fertilizer for grain crops, especially wheat, barley, corn, and seedlings. It can be used on all types of other crops as well, as it helps to:
- ✓ Improving the process of photosynthesis.
- ✓ Compensating for copper deficiency, which hinders the development of flowers and fruits (sterile flowers and empty ears).
- ✓ Activating plant growth and naturally accelerating metabolic processes.
- ✓ Increasing the plant's ability to withstand harsh weather conditions (heat - frost - drought).
- ✓ Giving full and homogeneous ears and thus an increase in production.
- ✓ Accelerating the growth of seedlings and increasing their tolerance to difficult conditions.
- ✓ Giving the plant a green color.



# HUMI BLACK

A concentrated organic fertilizer that contains Humic acid, Macro and Micro Nutrients essential for plant growth, It Increases soil fertility, loosens soil & improves its Texture. Can be used on all types of outdoor and protected crops.

## Composition

Organic Carbon	11% (w/v)
Organic Matter in the form of Humic acid	17%(w/v)
Organic Nitrogen	1.9% (w/v)
Manganese	0.25% (w/v)

## Benefits of Use:

- ✓ HUMI BLACK increases soil fertility, loosens the soil and improves its texture.
- ✓ HUMI BLACK accelerates the absorption of nutrients in the soil and makes them easily absorbed by the plant.
- ✓ HUMI BLACK reduces the consumption of mineral fertilizers, which gives an environmentally friendly culture.



## Method and Rate of Use:

It is used with irrigation water, or sprayed on leaves.

- 1- Fruit trees : 25-30 ml / 20 liters of water sprayed on the leaves.  
/1-2 acre - Irrigation.
- 2- Outdoor crops, Vegetables (tomatoes, cucumbers, zucchini, peppers, watermelon):  
25-30 ml / 20 Lof water sprayed on leaves, / 2-3 acre - Irrigation.
- 3- Protected crops, Vegetables (tomatoes, cucumbers, peppers, strawberries):  
Spraying: 250-300 ml /200 liters of water.  
Irrigation: 0.5 - 1 liter/500 m<sup>2</sup>
- 4- Field crops (wheat, cotton, barley, corn, potatoes):  
20-25 ml /20 L of water sprayed on leaves  
3-4 liters/1 hectare- Irrigation.
- 5- It is also used on Ornamental plants & green spaces: 15-20 ml /20 liters of water.



# OMNIC GOLD

A Liquid Concentrated Organic Fertilizer. Improves Soil Properties and Increases its fertility, increases plant productivity and helps in early maturation.

## Composition

Organic Matter	35% (w/w)
Organic Nitrogen	3% (w/w)

## Benefits of Use:

- ✓ It helps improve soil properties, it can be added to all types of fertilizers.
- ✓ It is a natural fertilizer used in environmentally clean agriculture.
- ✓ Does not contain growth hormones.
- ✓ Improves the soil and increases its fertility and the biological activity in the soil.
- ✓ Increases plant growth in general and at all growth periods, especially during the seedling period.
- ✓ Significantly increases root growth, as it gives the plant an opportunity to resist all external conditions affecting the roots.
- ✓ Increases the plant's resistance to surrounding weather conditions (frost - drought).
- ✓ Increases plant productivity and helps in early maturation.



## Method and Rate of Use:

- 1- Field crops (wheat, cotton, beets, barley):  
150 - 200 ml / Acre.
  - 2- Outdoor crops: vegetables (tomatoes, cucumbers, zucchini, peppers, etc.):  
150 - 200 ml /Acre.
  - 3- Fruit trees (apples, cherries, pistachios, stone fruits):  
100 ml /Acre.
  - 4- Protected crops (tomatoes, cucumbers, strawberries, flowers):  
150 - 200 ml / 500 m<sup>2</sup>.
- It is used for ornamental plants and green spaces.



# OPIUM DARK

A Natural Organic Fertilizer that increases fruits size and enhances their color. Contains several organic acids plus Micro & Macro elements beneficial for plants. It is used with irrigation water or as foliar spray.

## Composition

Organic Matter	35% (w/w)
Nitrogen (N)	5% (w/w)
Magnesium oxide (MgO)	1% (w/w)
Boron trioxide (B <sub>2</sub> O <sub>3</sub> )	0.5 % (w/w)
Potassium oxide (K <sub>2</sub> O)	6% (w/w)

## Benefits of Use:

- ✔ It helps in the development of the final color of the fruits.
- ✔ It helps in early maturity and gives a significant increase in the size of the fruits.
- ✔ It helps to concentrate the color in fruits (red, green, yellow).
- ✔ The presence of mineral elements in their chelated form leads to easy and fast absorption.
- ✔ Neither the plant nor the fruits are not affected by repeated use of this product, but rather the concentration of the final color in it increases when use is repeated.
- ✔ It increases the hardness of fruits especially when used as foliar spray.



## Method and Rate of Use:

It is used on fruit trees, vegetables & field crops:

- Seedlings at a rate of 20-25 ml/20 L of water.
- Outdoor crops: vegetables (tomatoes - cucumbers - zucchini - Watermelon pepper):  
1-1.5 liter / 1000 liters of water sprayed on Leaves or 2-3 liters/ha irrigation.
- Protected crops: (tomatoes - cucumbers - peppers - strawberries) Spraying:  
250-300 ml / 200 L water.  
Irrigation: 0.5 - 1 liter/500 m<sup>2</sup>.
- Fruit trees: (apples - grapes - stone fruits)  
Spraying: 250-300 ml / 200 liters of water.  
Irrigation: 2-3 liters/ha.
- Field crops: (cotton - beets - wheat - corn)  
Spraying: 200-250 ml / 200 liters of water.  
Irrigation: 1-2 liters/ha.
- Ornamentals & Green spaces:  
250-500 ml/1000 L of water. 5 ml / 20 litres.



# SULFUM CODE

A Natural Organic Compound in a Liquid Form. Contains Calcium.  
Supplies the Plant with Sulfur and Calcium.  
Can be used on all types of crops.  
Not Harmful to the Environment.



## Composition

Calcium Oxide (Cao)	16.58% (w/v)
Sulfate(SO4)	30.29% (w/v)
Organic Carbon	11% (w/w)

## Benefits of Use:

- ✓ SULFUM CODE improves the soil properties.
- ✓ SULFUM CODE supplies the plant with Sulfur and Calcium at the same time.
- ✓ SULFUM CODE is easily absorbed by the plants.
- ✓ SULFUM CODE reduces the soil PH, which helps in an easy absorption of nutrients.
- ✓ SULFUM CODE contains Sulfur in a form that is directly absorbed by the leaves.

## Method and Rate of Use:

It is used as a spray on various types of crops and trees at a rate of 1 liters per Acre as follows:

1- Field crops: (wheat - barley - corn - cotton - beets):

The first spray at the beginning of vegetative growth, the second spray at the beginning of the emergence of ears, the third spraying 10 days after the 2nd spraying at a rate of 2 cm/L.

2- Vegetable crops: (tomatoes, peppers, potatoes, eggplant, cucumber - zucchini - melon - watermelon):

it is used as a spray during the vegetative and fruiting growth stages once every 2 weeks at a rate of 2 cm/L.

3- Fruit trees: (apples, stone fruits, vines and olives):


the first spray is used after the buds appear, the second spray after fruit set, the third spray before the start of harvesting at a rate of 2 cm/L.




# Agromec

## LIQUID Fertilizers Catalog

### AGROMECC sarl

 Kaslik- Moudaber Center – B1  
floor – kesserwan – Lebanon

 +961 9 226874  
+961 9 226875

 [info@agromec-international.com](mailto:info@agromec-international.com)

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

