

ORGANIC - CHEMICAL FERTILIZERS

F - TOP ORMON

Guarantee for optimum cultivation yields

IDEAL COMBINATION OF
Organic-humic substances & microelements
Chemical Fertilizers & Biological compounds

B A S I S	S P E C I A L
F-TOP ORMON 20	F-TOP ORMON FERUM
F-TOP ORMON 30	F-TOP ORMON BORO
F-TOP ORMON 40	F-TOP ORMON ZINCO
	F-TOP ORMON MAN
	F-TOP ORMON CALCIUM
	F-TOP ORMON MAGNUM
	F-TOP ORMON OLIFER

With the guarantee of the American Technology

F-TOP ORMON BASIS

F-TOP ORMON 20

F-TOP ORMON 30

F-TOP ORMON 40

F-TOP ORMON BASIS are COMPLETE DENSE ORGANIC-CHEMICAL FERTILIZERS OF American Technology. These products supply the plant with all the necessary compounds and nutrients that they are not contained in the chemical fertilizers. Compare with the common manure, they contain 40-50 times more HUMIC COMPOUNDS.

Except NITROGEN, PHOSPHORUS and POTASSIUM they also contain, MAGNESIUM, IRON and CALCIUM - elements that are not contained in common chemical fertilizers, as well as MICRONUTRIENTS which are basic for the plant nutrition. Moreover, they contain VITAMINS - GROWTH FACTORS- AMINOACIDS- FOULVIC ACID- PLANT HORMONES- Beneficial Microorganisms.

Beyond the fact that F.T.O. BASIS supply the plant with all the above nutrients, these products help the assimilation of chemical fertilizers by the plant. They dissolve the salts that the continual use of chemical fertilizers creates. They dissolve the Clay, release micronutrients and create the ideal structure for the soil and the growth of the root system.

By using F.T.O. BASIS we also succeed the followings:

1. Increase the volume of the soil pores (better circulation of the soil air)
2. The humidity of the soil can be significantly improved
3. Higher soil temperature (better resistance against frost)
4. Regulation of the pH of the soil
5. Cure any lack of nutrients
6. Precocious plants, bigger production, better quality of fruits, taste, colour, nutrition value, commercial appearance.

APPLICATION

Apply on soil with the basic (main) fertilization - for perennial plants (trees and grapes) during winter. For the annual cultivations - apply on soil the latest 7-15 days before the sowing and the planting. It is better if we are able to plough them in the soil (mix them).

DOSAGE

1. For Citrus Fruit trees: (olive trees, apple trees, pear trees, almond trees, apricot trees, hazel-nut trees, kiwi fruit vine, citrus fruits), 1-4 kg/tree, depend on the age.
2. For grapes: 400-800kg /hectare.
3. For tobacco and cotton: 400-600kg /hectare.
4. For vegetables: 400-800kg /hectare.
5. For corn, sugar beets, and sun flowers: 400-800kg /hectare.
6. For strawberries and clover : 400-600kg /hectare.
7. For potatoes and tomatoes: 400-800kg /hectare.
8. For the Glass House plants: 400-1200kg /hectare.
9. For asparagus: 800-1200kg /hectare.

The above proposed doses are just indicative. They can be changed depend on the soil characteristics, the local climate, the cultivation stage and other factors. The lubrication programme has to be completed by the addition of chemical fertilizers depend on each case.

F-TOP ORMON SPECIAL

**F-TOP ORMON FERUM, F-TOP ORMON BORO, F-TOP ORMON ZINCO
F-TOP ORMON MAN, F-TOP ORMON CALCIUM, F-TOP ORMON MAGNUM,
F-TOP ORMON OLIFER**

F.T.O. SPECIAL have the basic properties, qualifications and chemical structure of the middle type, F-TOP ORMON 30 and every different type is enriched each time with one more secondary element, such as IRON, BORON, ZINC, MANGANESE, CALCIUM, MAGNUM. By this way, the farmer have the opportunity to apply a special product for the improvement of the problematic soils. Soils that suffer because of the deficiency of the above elements or because some cultivations have a special preference on one of these elements.

a) F-TOP ORMON FERUM

For soils that suffers from the lack of Iron (Fe) and against the diseases this deficiency causes usually on tree cultivations.

b) F-TOP ORMON BORO

For soils that suffers from the lack of Boron (B) and against the diseases this deficiency causes. Apply on olive trees, apple trees, sugar beets, e.t.c.

c) F-TOP ORMON ZINCO

For soils that suffers from the lack of Zinc (Zn) (organic soils) and against the diseases this deficiency causes. Apply on citrus fruits, corn, rise, e.t.c.

d) F-TOP ORMON MAN

For soils that suffers from the lack of manganese (Mn) and against the diseases this deficiency causes.

e) F-TOP ORMON CALCIUM

For soils that suffers from the lack of calcium (Ca), for acidic soils and against the diseases the deficiency of calcium causes. Special fertilizer for cultivation that needs calcium such as tomatoes, cucumbers, water melon fields, etc.

f) F-TOP ORMON MAGNUM

For soils that suffers from the lack of magnesium (Mg) and against the diseases this deficiency causes. Special fertilizer for cultivation that needs magnesium such as tomatoes, cucumbers, water melon fields, etc.

g) F-TOP ORMON OLIFER - 71

Special fertilizer for olive-trees. The best choice for acidic soils and soils with calcium and magnesium defficiencies.

TYPICAL CHEMICAL ANALYSIS OF THE ORGANIC-CHEMICAL FERTILIZERS **F-TOP ORMON**

(MINIMUM % ON THE DRY SUBSTANCE)

A. F-TOP ORMON BASIS

1. F-TOP ORMON 20

Organic matter 78% , Main Elements: N – P – K 4,5%

Secondary Elements: MAGNESIUM (MgCO₃) 3%, CALCIUM (CaCO₃) 2%

Trace Elements, Accelerators - Biological catalysts 1,2%

2. F-TOP ORMON 30

Organic matter 65% , Main Elements: N – P – K 9,4% ,

Secondary Elements: MAGNESIUM (MgCO₃) 3%, CALCIUM (CaCO₃) 2%

Trace Elements, Accelerators - Biological catalysts 1,2%

3. F-TOP ORMON 40

Organic matter 62% , Main Elements: N – P – K 12% ,

Secondary Elements: MAGNESIUM (MgCO₃) 3%, CALCIUM (CaCO₃) 2%,

Trace Elements, Accelerators - Biological catalysts 1,2%

B. F-TOP ORMON SPECIAL

1. F-TOP ORMON FERUM

Organic matter 65%, Main Elements: N 3% – P 1,5% – K 1,5%, Trace Elements

Accelerators - Biological catalysts 1,2% , IRON (FeSO₄) 10%

2. F-TOP ORMON BORO

Organic matter 65% , Main Elements: N 3% – P 1,5% – K 1,5% , Trace Elements

Accelerators - Biological catalysts 1,2%, BORON (NaB₄O₇) 5%

3. F-TOP ORMON ZINCO

Organic matter 65%, Main Elements: N 3% – P 1,5% – K 1,5%, Trace Elements

Accelerators - Biological catalysts 1,2% , ZINC (ZnSO₄) 5%

4. F-TOP ORMON MAN

Organic matter 65%, Main Elements: N 3% – P 1,5% – K 1,5%, Trace Elements

Accelerators - Biological catalysts 1,2% , MANGANESE (MnSO₄) 5%

5. F-TOP ORMON CALCIUM

Organic matter 60%, Main Elements: N 3% – P 1,5% – K 1,5%, Trace Elements

Accelerators - Biological catalysts 1,2% , CALCIUM (CaCO₃) 10%

6. F-TOP ORMON MAGNUM

Organic matter 60%, Main Elements: N 3% – P 1,5% – K 1,5%, Trace Elements

Accelerators - Biological catalysts 1,2% , MAGNESIUM (MgCO₃) 10%

7. F-TOP ORMON OLIFER – 71

N (CAN) 30% – P 10% – K 10%, CALCIUM (CaCO₃) 10%, MAGNESIUM (MgCO₃) 10%,
BORON (NaB₄O₇) 1% , Trace Elements

Remarks referring to all the above chemical analysis:

- Organic matter – **Source** : Humus-make Leonardite (in the form of Humus)
- Trace Elements: IRON (Fe), ZINC (Zn), COPPER (Cu), BORON (B), MANGANESE (Mn)
- CHLORIDE (Cl), HEAVY METALS - **ARE NOT CONTAINED**

F-TOP ORMON

With the guarantee of the American Technology

The organic-chemical fertilizers F.T.O. are products of high Agricultural Technology. They are unique because they are the only products in Europe that their production is based on the controlled humus-make procedure.

Their production is based on the procedure of the gradual fermentation - humus creation of the organic substances of GT CHEMICALS U.S.A., by a set of special enzymes.

- The organic matter that is used for the production of F.T.O. is mineralised LEONARDITE (the best material of organic matter on planet). This is a lignite mineral perfectly safe for the environment and biological.
- The method procedure is as follows:
 - a. Dig up and oil-press the LEONARDITE.
 - b. Mix it with the **SET** of the already prepared ENZYMES of GT. This mixture, sits on toms for a period of time, where it will tolerate the desirable fermentation - humus-make procedure.
 - c. After the period of 25-30 days, the humus-make procedure, is finished. The result of this procedure is the production of the organic-humic mass (PULP) that constitutes the base for the production of the organic-chemical fertilizers, F.T.O..
 - d. The above humic pulp is enriched with main elements and micronutrients. We add the amount of the elements that it won't risk the biological balance of the product. At the last stage, the procedure of the mechanical preparation takes place, thus we produce the following products:
 1. Pulp in the form of fresh powder.
 2. Pulp in the form of debris (fragments) <7mm
- The mechanical structure of these fertilizers gives to the farmer the opportunity to select the form of the product depend on the needs of its cultivation.