LEDRA ΛΗΔΡΑ applied excellence

G.T. CHEMICALS U.S.A.
TECHNOLOGY OF PRODUCT

F-TOP

WATER SOLUBLE CRYSTALLINE FERTILIZERS FOR FOLIAR APPLICATIONS ENRICHED WITH TRACE ELEMENTS, FOR ALL CULTIVATION AND ALL GROWTH STAGES.

F-TOP 20-20-20+T.E.
For an overall balanced fertilization

F-TOP 25-12-18+T.E.
At the beginning of the crop for fast growth.

F-TOP 30-10-10+T.E.
At the beginning of the crop for fast growth.

F-TOP 23-3-23+2MgO+T.E. & 23-6-23+2MgO+T.E.
In different stages of the crop or crops that do not require phosphorus.

F-TOP 22-10-22+T.E.
For an overall balanced fertilization

F-TOP 38-5-5+0,5Zn+T.E.
At the beginning of the crop for fast growth and for crops susceptible to zinc deficiency.

F-TOP 15-30-15+T.E.
At transplanting and during flowering-fruit set period.

F-TOP 12-48-8+T.E.
At transplanting and flowering - fruit set period, for great demands of Phosphorus. Especially for cotton at the stage of comps formation for rich flowering, suppression of vegetation and augmentation of cotton's fruit.

F-TOP 12-6-40+T.E.
During the fruiting season and crops with high requirements in potassium (K). Immediate improvement of fruit quality.

F-TOP 11-7-27+5MgO+T.E.
During the fruiting season.

F-TOP 10-5-35+5MgO+T.E.
Κατά την περίοδο της καρποφορίας.

F-TOP 0-17-34+6MgO+T.E.
During fruiting and in situations where there is no need of nitrogen (N).

IDENTITY OF F-TOP

Water Soluble Crystalline Fertilizers for Foliar application enriched with **Trace Elements** in different types and quantities. They **contain main nutrient elements** Nitrogen (N), Phosphorus (P), Potassium (K) and **Trace Elements in chelate form EDTA** (Boron (B), Cobalt (Co), Copper (Cu), Iron (Fe), Manganese (Mn), Molybdenum (Mo), Zinc (Zn)) and some types are **enriched with Magnesium** (MgO).

- The **inorganic nutrients** they contain **are of high clarity, 100% water soluble** and **free from any toxic compounds** due to the recrystallization method.
- Produced from **raw materials certified for the production of Foliar fertilizers** and food. They **do not**
- **contain Heavy Metals and Diurea.**
- They have **low level of ECe (%salinity).**
- They **do not increase soil salinity.**

ACTION

F-TOP provides plants with the nutrient inorganic macro-elements N-P-K and all the nutritional trace elements (according to E.C.) in assimilable form and in the correct quantities to achieve the desired result.

✓ **rapid growth** ✓ **intense rooting** ✓ **successful flowering and fruit setting** ✓ **excellent quality of** fruit (size, color, aroma, flavor) ✓ **re-inforcement against the plant Stress.**

APPLICATION

F-TOP are perfectly safe and can be applied on foliage or through the irrigation water or even as the usual Spring fertilization (spread by hand).

FOLIAR: Sprayings **200 - 300 gr. into 100 lt of water.**
They can be combined with every kind of pesticides, chemical substances, except those which are extremely alkaline such as products of dense Copper or Sulphuric Calcium.

FERTIRRIGATION: Tree cultivation, grapes, 2-6 kg/1000m^2, **Vegetable crops** (garden or green house) **1-4 kg/1000m^2, Field crops 2-6 kg/1000m^2**

TYPE OF CULTIVATION	TYPE F-TOP	PERIOD OF APPLICATION	fertigation		LEAF - SPRAY	
			DOSSAGE gr/lt	FREQUENCY OF FERTILIZATION	gr/100lt water	No
TOMATO EGGPLANT	15-30-15 12-48-8	TRANSPLANTATION-FLOWERING	0.5 - 0.6	IN EVERY IRRIGATION	200 - 300	1
	20-20-20 25-12-18	FLOWERING-FRUIT CREATION	0.5 - 0.6		200 - 300	1
	12-6-40 23-3-23+2MgO	FRUIT CREATION-HARVEST	0.5 - 0.6		300 - 500	1-2
MELON WATERMELON PUMPKIN	15-30-15 12-48-8	SOWING-FLOWERING	0.5 - 0.6	IN EVERY IRRIGATION	200 - 300	1
	20-20-20 25-12-18	FLOWERING-FRUIT CREATION	0.5 - 0.6		200 - 300	1
	12-6-40 11-7-27+5MgO	FRUIT CREATION 10 DAYS BEFORE MATURATION	0.5 - 0.6		300 - 500	1-2
FRUIT TREES	20-20-20 25-12-18	BEFORE FLOWERING- FRUIT CREATION	0.7 - 0.8	EVERY 7-10 DAYS	200 - 300	1
	12-6-40 23-3-23+2MgO	FRUIT CREATION-HARVEST	0.7 - 0.8		300 - 500	1-2
VINEYARD	20-20-20 25-12-18	SPROUTING – FRUIT CREATION	0.6 - 0.7	EVERY 8-10 DAYS	200 - 300	1
	12-6-40 23-3-23+2MgO	FRUIT CREATION-HARVEST	0.6 - 0.7		300 - 500	1-2
OLIVE TREE	25-12-18	FORMATION ANNUAL SPROUT – FRUIT CREATION	0.7 -0.8	EVERY 8-10 DAYS	200 - 300	1
	23-3-23+2MgO	FRUIT CREATION-HARVEST	0.7 - 0.8		300 - 500	1
CITRUS TREE	25-12-18 12-48-8	SPRING – EARLY SUMMER	0.7 -0.8	EVERY 7-10 DAYS	200 - 300	1
	12-6-40	FRUIT CREATION LATE SUMMER	0.7 - 0.8		300 - 500	1-2
FLOWER PLANTS	12-48-8 15-30-15	FIRST APPLICATIONS AFTER PLANTING	0.5 - 0.6	3-4 APPLICATIONS	200 - 300	1
	20-20-20 25-12-18	FOR GROWTH	0.5 - 0.6	1 - 2 APPLICATIONS	200 - 300	1
	12-6-40	PLANTS FOR FLOWERS IN A FEW DAYS BEFORE FLOWERING	0.5 - 0.6		200 - 300	1
PEPPER CUCUMBER	12-48-8 15-30-15	TRANSPLANTATION - 15/20 DAYS	0.4 - 0.5	IN EVERY IRRIGATION	200 - 300	1
	20-20-20	20 DAYS -50 / 60 DAYS	0.4 - 0.5		200 - 300	1-2
	12-6-40 23-3-23+2MgO	DAYS 50/60 - 95/100 DAYS	0.4 - 0.5		200 - 300	1-2
VEGETABLES	25-12-18 20-20-20 23-3-23+2MgO	FROM planting TIL LAST DAYS BEFORE HARVESTING	0.4 -0.5		200 - 300	1-3
STRAWBERRIES	20-20-20	UNTIL FLOWERING	0.4 -0.5	IN EVERY IRRIGATION	200 - 300	1-2
	12-6-40	FLOWERING - HARVEST	0.4 - 0.5		200 - 300	1-2
BEAN STALK	20-20-20	UNTIL FLOWERING	0.4 -0.5	IN EVERY IRRIGATION	200 - 300	1-2
	12-6-40	FORMATION OF FRUIT - HARVEST	0.4 - 0.5		300 - 500	1-2
POTATO	20-20-20	AFTER COMPLETION OF SPROUTING			200 - 300	1-2
	12-6-40	FROM 15 CM – TUBER FORMATION			200 - 300	1-2
CORN, CEREALS, SUNFLOWER	20-20-20 25-12-18	FROM TO TILLERING - FLOWERING			300 - 500	1-2
BEETS	20-20-20	FIRST APPLICATIONS			200 - 300	1-2
	12-6-40 11-7-27+5MgO	UNTIL TUBER FORMATION			200 - 300	1-2
COTTON	15-30-15	IN FIRST IRRIGATION			300 - 500	1
	20-20-20	AFTER THE APPEARANCE OF LEAFS			200 - 300	1
	25-12-18				300 - 500	1-2
	12-48-8	DURING COTTON'S COMPS FORMATION BEFORE HARVEST			500 - 800	1-2
	12-6-40					
TOBACCO	15-30-15	AT THE FIRST ROOT IRRIGATION OF SEEDS	0.4 -0.5	EVERY 7-10 DAYS	300 - 500	3-6
	12-6-40	NEXT ROOT IRRIGATION OF SEEDS	0.4 - 0.5			
	20-20-20	ROOT IRRIGATION OF PLANTLETS DURING TRANSPLANTATION	0.4 - 0.5	1 APPLICATION		
	12-6-40	AT THE BEGINNING OF THE HARVEST				