

# FITONATURA IDROSOIL



## ACIDIFYNG EFFECT OF SOIL

**IDROSOIL** is a mineral fertilizer with a high content in sulphur with an acidifying effect.

In the soil **IDROSOIL** has a reducing chemical action able to increase the availability of the nutritional elements that have been made insoluble by limestone or by salts and therefore not assimilable by the plants. **IDROSOIL** decreases nutritional deficiencies and chlorosis and carries out a correctional action in situations in which the salinity leads to the alkalisation of the soil. Aside from its correctional action on the soil, the formula provides also the plant with nitrogen, potassium, ammonium thiosulfate and microelements. When applied repeatedly in the first phases of development of the crop, it improves the efficiency of the fertilizations.

**IDROSOIL** is compatible with herbicides and pesticides commonly used in agriculture, with the exception of alkaline and mineral oils. Do not mix with acid solutions (pH < 6,1). For sensitive crops, make a preliminary test on a few plants before making extensive applications.

EC FERTILIZER  
INORGANIC COMPOUND FLUID FERTILIZER  
NK (S) FERTILIZER SOLUTION 11 - 5 (57)  
WITH BORON (B), IRON (Fe) AND ZINC (Zn)

### COMPOSITION % w/w (equivalent to % w/v at 20°C)

|   |           |              |
|---|-----------|--------------|
| Total Nitrogen (N)                                  | 11% w/w   | (14.85% w/v) |
| Ammoniacal Nitrogen (N)                             | 9% w/w    | (12.15% w/v) |
| Ureic Nitrogen (N)                                  | 2% w/w    | (2.7% w/v)   |
| Potassium oxide (K <sub>2</sub> O) soluble in water | 5% w/w    | (6.75% w/v)  |
| Sulfur trioxide (SO <sub>3</sub> ) soluble in water | 57% w/w   | (76.95% w/v) |
| Boron (B) soluble in water                          | 0.04% w/w | (0.054% w/v) |
| Iron (Fe) chelated by DTPA soluble in water         | 0.02% w/w | (0.027% w/v) |
| Zinc (Zn) chelated by EDTA soluble in water         | 0.04% w/w | (0.054% w/v) |



| CROPS                                    | APPLICATION RATES FERTIGATION | STAGES AND RECOMMENDATIONS  |
|--|-------------------------------|---|
| FRUIT TREES, GRAPES, CITRUS, OLIVE TREES | 25 - 50 l/ha                  | At the beginning of vegetative growth and during fruit enlargement      |
| GREENHOUSE AND OPEN FIELD HORTICULTURE   | 25 - 50 l/ha                  | After transplant, during vegetative growth and during fruit enlargement |
| EXTENSIVE CROPS                          | -                             | In association with plant protection treatments                         |
| NURSERIES AND ORNAMENTALS                | 20 - 30 l/ha                  | After transplant  |
| FLOWERS                                  | 20 - 30 l/ha                  | During vegetative growth, in case of chlorosis and high salinity        |

\* Foliar applications referred to standard water volumes