

IDROSOIL is a mineral fertilizer rich in **sulfur**, offering a strong acidifying effect. It performs a reducing chemical action in the soil, increasing the availability of nutrients that have become **insoluble** due to limestone or salts, and therefore inaccessible to plants. **IDROSOIL** alleviates **nutritional deficiencies and chlorosis**, while correcting soil alkalinization caused by **salinity**.

In addition to its soil-improving properties, the formula supplies plants with nitrogen, potassium, ammonium thiosulfate, and essential microelements. When applied consistently during the early growth stages of crops, it **enhances the effectiveness of fertilization**.

CROPS	APPLICATION RATES	STAGES AND RECOMMENDATIONS
	FERTIGATION	
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
NURSERIES AND ORNAMENTALS	20 - 30 l/ha	After transplant
FLOWERS	20 - 30 l/ha	During vegetative growth, in case of chlorosis and high salinity

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

Total Nitrogen (N)	11.0% w/w	14.85% w/v
Ammoniacal Nitrogen (N)	9.0% w/w	12.15% w/v
Ureic Nitrogen (N)	2.0% w/w	2.7% w/v
Potassium oxide (K ₂ O) soluble in water	5.0% w/w	6.75% w/v
Sulfur trioxide (SO ₃) soluble in water	57.0% 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

PHYSICAL AND CHEMICAL PROPERTIES

Density at 20°C:	1.35 g/ml
pH (1% w/w aqueous solution at 20°C):	7.5 ± 0.5 u. pH
E.C. (1 g/l in deionized water at 20°C):	1150 µS/cm



IDROSOIL

SOIL ACIDIFYING EFFECT

KEY BENEFIT

- Enhances nutrient availability by breaking down insoluble compounds caused by limestone or salts
- Corrects soil alkalinization and salinization, reducing nutritional deficiencies and chlorosis
- Boosts fertilization efficiency, providing essential nutrients during early crop growth

