



FITONATURA ESSELIFE

THE BEST CHOICE TO SUPPLY SULPHUR TO THE CROPS

ESSELIFE is a formulation that provides N, K, S and microelements in a readily-assimilable form.

The presence of **sulphur as thiosulphate** contributes to the intake of fundamental elements for metabolic processes such as the synthesis of sulfur aminoacids, which are responsible for the formation of aromatic compounds, such as isothiocyanates. In oil crops it increases the yield in oil, while in cereals it increases the flour strength index (W).

ESSELIFE 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.

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

*Optimize the content
of sulphate aminoacid*

Increases the quality
in the crops production



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 ₂ O) soluble in water	5% w/w	(6.75% w/v)
Sulfur trioxide (SO ₃) 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)

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

Electrical conductivity
(1 g/l in deionized water at 20°C): 1150 µS/cm

CROPS	APPLICATION RATES	STAGES AND RECOMMENDATIONS
	FOLIAR*	
VEGETABLES CROPS (bulbous, crucifers, leaf-beets, carrots)	2.5 - 6 l/ha	Post-transplant or from emergence
CEREALS, RAPESEED, GRAIN LEGUMES, FORAGE LEGUMES	2.5 - 6 l/ha	Cereals: from node 2 at least 2 cm above node 1 (BBCH 32) to watery ripe (BBCH 71). Rapeseed and grain legumes at the beginning of flowering.
ORNAMENTALS AND FLORICULTURE	100 - 150 ml/ha	During vegetative growth, in case of chlorosis and high salinity

* Use the product at the concentration of 3 - 5‰