



FITONATURA **ESSELIFE**

THE BEST CHOICE TO SUPPLY SULPHUR TO THE CROPS

KEY BENEFIT

1

Sulphur supports essential metabolic processes and aromatic compound synthesis

2

Provides N, K, S, and microelements in readily assimilable form

3

Enhances oil yield in oil crops and improves flour strength in cereals

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

The presence of sulphur as thiosulphate supports the **absorption of essential elements** involved in metabolic processes, such as the synthesis of **sulfur-containing amino acids** responsible for producing aromatic compounds like isothiocyanates.

In oil crops, it **enhances oil yield**, while in cereals, it improves the flour **strength index (W)**.

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/hl	During vegetative growth, in case of chlorosis and high salinity

*Foliar applications referred to standard water volumes

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 (K₂O) water soluble	5.0% w/w	6.75% w/v
Sulfur trioxide (SO₃) water soluble	57.0% w/w	76.95% w/v
Boron (B) water soluble	0.04% w/w	0.054% w/v
Iron (Fe), chelated by DTPA, water soluble	0.02% w/w	0.027% w/v
Zinc (Zn), chelated by EDTA, water soluble	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

