



FITONATURA

# NITRO SLOWREL

SLOW-RELEASE NITROGEN

**NITRO SLOWREL** is a liquid fertilizer which provides the plant with nitrogen, based on the real crop needs during the entire vegetative cycle. The nitrogen in **NITRO SLOWREL** is condensed in slow-release polymers stored inside the cell.

Thanks to this feature, **NITRO SLOWREL** is ideal for several specific uses:

- it increases the protein content in industrial crops
- if applied in the soil, it does not leach and the efficiency of the nitrogen applications is increased.
- it increases the reserve substances in fruit crops, especially in post-harvest.

At the same time, the formula decreases the phenomenon of lodging, excessive bedding and imbalance in the vegetative development. **NITRO SLOWREL** can be used for foliar applications on all crops to stimulate their growth and quality, or to correct possible nitrogen deficiencies.

**NITRO SLOWREL** is compatible with most herbicides and pesticides commonly used in agriculture; do not mix with ammonium nitrate. For sensitive crops, make a preliminary test on a few plants before making extensive applications.

EC FERTILIZER -  
INORGANIC STRAIGHT FLUID FERTILIZER  
NITROGEN FERTILIZER SOLUTION WITH UREA  
FORMALDEHYDE WITH BORON (B) AND ZINC (Zn)

*Nitrogen in slow-release form*

*Long term effect of nitrogen*



*Low EC value*

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

Total Nitrogen (N)	26% w/w	(32,2% w/v)
Ureic Nitrogen (N)	7,5% w/w	(9,3% w/v)
Nitrogen (N) from urea formaldehyde	18,5% w/w	(22,9% w/v)
Boron (B) soluble in water	0,5% w/w	(0,62% w/v)
Zinc (Zn) chelated by EDTA soluble in water	0,05% w/w	(0,62% w/v)

## PHYSICAL AND CHEMICAL PROPERTIES

Density at 20°C: 1,24 g/ml

pH (1% w/w aqueous solution at 20°C): 8,5 ± 0,5 u. pH

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

CROPS	APPLICATION RATES		STAGES AND RECOMMENDATIONS
	FERTIGATION	FOLIAR*	
FRUIT TREES, GRAPES, CITRUS, OLIVE TREES	10 - 20 l/ha	4 - 6 l/ha	After harvest to increase plant reserves; at the beginning of vegetative growth or before flowering
HORTICULTURE	10 - 20 l/ha	2 - 3 l/ha	During vegetative growth
INDUSTRIAL CROPS	-	5 - 10 l/ha	During vegetative growth (possible association with herbicides)
ARABLE CROPS	-	5 - 10 l/ha	During tillering stage and / or flag leaf collar formation
FODDER CROPS	-	10 - 20 l/ha	At the beginning of vegetative growth (end of winter)
FLOWERS AND ORNAMENTALS	10 l/ha	1,5 - 2 l/ha	At the beginning of vegetative growth

\* Foliar applications referred to standard water volumes