ADOB® Micro Legumes

Characteristics

ADOB® Micro Legumes is a multinutrient, multifunctional crystalline fertiliser. This fully water-soluble product is specifically designated for foliar feeding of leguminous crops (e.g. peas, beans, soybeans, chickpeas, alfalfa and peanuts). Its composition has been precisely developed to meet the mineral requirements of these crops, with high levels of phosphorus (P), boron (B) and zinc (Zn) in particular. All other micronutrients (copper (Cu), iron (Fe), manganese (Mn), and molybdenum (Mo)) are present and the requirement for cobalt (Co) is also satisfied.

All micronutrients (except boron, molybdenum and cobalt) are chelated by the classic **EDTA** agent, while those that cannot be chelated (i.e. boron, molybdenum and cobalt) are present as a water-soluble, inorganic components. As a result, all nutrients are readily and quickly available to plants. This unique combination of essential nutrients optimises root development and enhances their synergism with nitrogen-fixing bacteria. The fertiliser increases the growth of the aboveground biomass, especially in terms of pod production and high-protein grains.

ADOB® Micro Legumes also boosts plants' vigour, health and tolerance to occasional water deficit stresses.

- CE fertiliser
- macro- and micronutrient fertiliser
- **EDTA** chelated
- 100% chelation of micronutrients
- enhanced development of all plant parts
- contains cobalt
- high molybdenum and boron content
- outstanding quality

Composition

Composition – ADOB® Micro Legumes

Nutrients	Symbol	Content [% w/w]	Form
Total nitrogen	N	8.0	
– ammonium nitrogen	$N\text{-}NH_4$	3.0	
– urea nitrogen	$N\text{-}NH_2$	5.0	
Phosphorus pentoxide	P_2O_5	13.0	soluble in a neutral-pH solution of ammonium citrate and water
Potassium oxide	K_2O	6.0	soluble in water
Boron	B	6.5	soluble in water
Cobalt	Co	0.05	soluble in water
Iron	Fe	0.1	chelated by EDTA
Molybdenum	Mo	0.4	soluble in water
Zinc	Zn	2.5	chelated by EDTA

Packaging: 15 kg

Application recommendations

Application recommendations – ADOB® Micro Legumes

Crops	Number of applications per season	Crop phenological stage	BBCH stage	Product application rate [kg/ha]	Spray solution application rate [l/ha]
Legumes	2	stem elongation	30-39	4	200-300
		development of pods and seeds	70-79	4	

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