



Liquid molybdenum EDTA chelate



L-Actipol EDTA Mo-6 molybdenum

Guaranteed content: 6% molybdenum – EDTA chelate



We enhance nature

Description and performance:

Chelates are complex compounds in which the appropriate organic compound is tied to a metal ion.

L-Actipol EDTA Mo-6 chelate means:

- Fully chelated molybdenum,
- Immediate availability of molybdenum to plants,
- Perfect solubility,
- Stability over a broad range of pH,
- Full dose of molybdenum for the plant.

The **L-Actipol EDTA Mo-6** chelate effectively and quickly responds to the plants' actual needs. It is also very effective in the period when uptake of molybdenum by the plant's root system is limited (drought, inappropriate pH, low temperatures). Molybdenum chelate is designed for extra-root nutrition of plants and fertigation. It covers increased demand for molybdenum in particular by legumes and rapeseed and cabbage vegetables.

Molybdenum and its significance

The functions of molybdenum in the plant have been identified mainly in nitrogen transformation. This element plays an important role in molecular nitrogen bonding by bacteria, algae and legumes living in symbiosis with nodule bacteria. In addition, molybdenum is part of two very important enzymes playing a key role in nitrogen management. It also takes an active part in vitamin C synthesis and phosphorus metabolism.

Consequences of molybdenum deficiency:

- Reduction of leaf lamina in legumes,
- Edge and full leaf chlorosis,
- Necrosis,
- Disruption of formation of cauliflower and broccoli heads,
- Cauliflower leaves become lanceolate and younger leaves are reduced („whiptail”),
- Poor nitrogen utilization, excessive accumulation of nitrates in vegetables,
- Limited bonding of atmospheric nitrogen,
- Weaker resistance to diseases.

L-Actipol EDTA Mo-6 molibden



Dosage:

Plants	Time of application	Dosage [l/ha]	Amount of working solution [l/ha]
Winter cereals	1 - Autumn- 3-6 leaf phase visible* 2 - As an intervention - after identification of deficiency 1-2 treatments every 10-14 days**	0.15-0.2	200-300
Potatoes	1 - Beginning of tuber formation* 2 - As an intervention - after identification of deficiency 1-2 treatments every 10-14 days**	0.15-0.25	200-300
Sugar beet	1 - Phase of proper 9 leaves or more* 2 - Before the merging of the rows* 3 - Intervention after noticing the first symptoms of Cercospora beticola Sacc.*	0.15-0.25	200-300
Rapeseed	1 - Autumn - at the phase of 4-6 leaves** 2 - Spring - after start of vegetation** 3 - At the intensive growth phase- stem elongation* 4 - As an intervention - after identification of deficiency 1-2 treatments every 10-14 days**	0.2-0.4	200-300
Cauliflower, broccoli	1 - Development of leaves*	1	400-600
Other vegetables	1 - Preventively - from the beginning of vegetation to the harvest* 2 - As an intervention - after identification of deficiency 1-2 treatments every 10-14 days*	0.15-0.3	400-600
Pulses and legumes	1 - Development of leaves* 2 - At the intensive growth phase* 3 - As an intervention - after identification of deficiency 1-2 treatments every 10-14 days**	0.2-0.4	200-300
Other	1 - Preventively - 1-3 treatments during the vegetation period** 2 - As an intervention - after identification of deficiency 1-2 treatments every 10-14 days**	0.15-0.25	300-400

Fertigation: From 1 ml of L-Actipol EDTA Mo-6, per 1000 l of water, a 0.074 mg Mo/l solution is obtained

* - recommended treatment, ** - optional treatment

Preparation of a working solution: Apply separately or jointly with urea, magnesium sulfate monohydrate, or plant protection agent.

Directly before the spraying, fill up the sprayer with water up to 2/3 of the capacity and turn the mixer on; add in the order specified: urea, monohydrate magnesium sulfate, L-Actipol EDTA Mo-6, plant protection agent according to application instruction (if envisaged and recommended for mixing by the manufacturer), adjuvant; fill up with water and start spraying. Do not exceed the recommended doses of L-Actipol EDTA Mo-6.

L-Actipol - series of quickly absorbable mononutrient fertilizers for extra-root nutrition and fertigation:

- L-Actipol DTPA Fe-6
- L-Actipol EDTA Mn-6
- L-Actipol EDTA Zn-6
- L-Actipol EDTA Cu-6
- L-Actipol EDTA Mo-6
- L-Actipol EDTA Co-4

Actipol - series of crystalline quickly absorbable mononutrient fertilizers for extra-root nutrition and fertigation:

- Actipol EDTA Zn-15
- Actipol EDTA Cu-15
- Actipol EDTA Fe-13
- Actipol DTPA Fe-15
- Actipol EDDHA Fe-6
- Actipol EDDHSA Fe-6
- Actipol EDTA Mn-13
- Actipol DTPA Mn-10
- Actipol EDTA Co-13

EC FERTILIZER



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