



Liquid zinc EDTA chelate

L-Actipol EDTA Zn-6 zinc



Guaranteed content: 6% zinc – 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 Zn-6 means:

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

The **L-Actipol EDTA Zn-6** chelate quickly and effectively responds to the plants' actual needs. It is also very effective in the period when uptake of zinc by the plant's root system is limited (drought, inappropriate pH, low temperatures). Zinc chelate is designed for extra-root nutrition of plants and fertigation. It covers increased demand for zinc, especially by corn, spring and winter cereals, root plants and fruit trees and bushes.

Zinc and its significance

Zinc plays a significant role in the plant organism in regulation of nucleic acid metabolism. It also plays a role in metabolism of amino acids and proteins; it also directly impacts the creation of growth hormones – auxins and takes part in glucose metabolism. In addition, zinc is the activator of a lot of enzymes, therefore it significantly improves the health of plants.

Consequences of zinc deficiency:

- Inhibition of intermodal elongation (shoot rosettes),
- Reduction of leaf lamina (small and narrow leaves),
- Speckled chlorosis between the nerves of young leaves,
- Disorders in generative development of flowers, fruits and seeds,
- Poor quality of crops,
- Shoot tips wilting,
- Reduced crops.

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 EDTA Mn-13
- Actipol DTPA Mn-10
- Actipol EDTA Co-13

L-Actipol EDTA Zn-6 zinc



Dosage

Plants	Time of application	Dosage [l/ha]	Amount of working solution [l/ha]
Potatoes	1 - Formation of basal side shoots* 2 - From beginning of tuber formation till formation of inflorescence* 3 - As an intervention - after identification of deficiency 2-3 treatments every 10-14 days**	2	200-300
Corn	1 - Phase of 3-5 leaves* 2 - Phase of 6-9 leaves* 3 - Blade development phase* 4 - As an intervention - after identification of deficiency 2-3 treatments every 10-14 days**	2-3	200-300
Sugar beet	1 - Phase of 5-10 leaves** 2 - Before the merging of the rows** 3 - As an intervention - after identification of deficiency 2-3 treatments every 10-14 days**	1-2	200-300
Hop	1 - After formation of side shoots** 2 - Before flowering** 3 - As an intervention - after identification of deficiency 2-3 treatments every 10-14 days**	2-3	1000-3000
Vegetables	1 - Preventively - during the vegetation period* 2 - As an intervention - after identification of deficiency 2-3 treatments every 10-14 days*	2-3	400-600
Fruit trees and bushes	1 - Preventively - during the vegetation period* 2 - As an intervention - after identification of deficiency 2-3 treatments every 10-14 days*	2-3	700-1000
Decorative plants	1 - At the beginning of vegetation** 2 - At the intensive growth phase** 3 - As an intervention - after identification of deficiency 2-3 treatments every 10-14 days**	0.1-0.2	100 (10-20 ml per 10 l of water)
Other	1 - Preventively - 2-3 treatments during the vegetation period** 2 - As an intervention - after identification of deficiency 2-3 treatments every 10-14 days**	0.5-1.5	300-400

Fertigation: From 4 ml of L-Actipol EDTA Zn-6, per 1000 l of water, a 0.3 mg Zn/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 Zn-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 Zn-6

EC FERTILIZER



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