



Liquid cobalt EDTA chelate

L-Actipol EDTA Co-4 cobalt



Guaranteed content: 4% cobalt – 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 Co-4 means:

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

The **L-Actipol EDTA Co-4** chelate quickly and effectively responds to the plants' actual needs. It is also very effective in the period when uptake of nutrients by the plant's root system is limited (drought, inappropriate pH, low temperature). Cobalt chelate is designed for foliar nutrition of plants.

Cobalt and its significance:

Cobalt is a component of vitamin B12 and remains indispensable in the process of nitrogen bonding in the plant. With appropriate supplies of water and nutrients, application of the cobalt chelate has direct impact on the growth and metabolism of plants at different development stages. It improves the protein content in the plant and increases the yield of root plants.

Consequences of cobalt deficiency:

- Disrupted speed of formation of root papillae (legumes), which impairs the intensity of nitrogen bonding.

Dosage:

Plants	Time of application	Number of applications	Dosage [l/ha]	Amount of working solution [l/ha]
Pastures	1 – Early spring	1-2	0.7-1.4	200-600
Legumes	1 – Early spring, with fully formed leaves		0.8-1.4	300-600
Fodder plants	1 – Early spring, with fully formed leaves		0.8-1.4	
Root plants	1 – Early spring, with fully formed leaves		0.8-1.4	
Pulses	1 – Development of leaves	1	0.8-1.4	300-500

Do not exceed the dose of 2.8 ml of L-Actipol EDTA Co-4 per 1 liter of water

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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 Co-4, 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 Co-4.

L-Actipol – series of liquid 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

Arkop

We have been building our experience in the fertilizer industry since 1992. Our goal is to manufacture fertilizers making it possible to derive the very best nature has to offer... For this reason, our extensive product range entails the latest developments in biotechnology, in particular top grade chelates (chelation level confirmed by PCBC (Polish Center for Testing and Certification)). As a result of our close long-term cooperation with scientific institutes and universities, we have manufactured proven and effective products. We constantly monitor our production process and incorporate the requisite modifications in striving to continue improving our offer and aligning it to meet customer needs and expectations. The Arkop brand name is synonymous with high quality because of both our close cooperation with scientific institutes and universities and the innovative technology we have launched based on proprietary research and experience. As a result, all our products adhere to the highest standards of quality and environmental protection adopted in the European Union. We apply and constantly develop our integrated food quality and safety management system **ISO 22000 (HACCP) and ISO 9001**. As a confirmation of adherence to the most stringent requirements in this area, we have obtained the integrated management system certificate – **Food Quality and Safety – HACCP - PN-EN ISO 9001:2009 and PN-EN ISO 22000-2006 – certificate no. JH-178/2/2010**. We also have the European quality system certificate for feed additives and premixes **FAMI-QS**. Currently we work with growers from across the world.

EC FERTILIZER



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