



Specialist orchard fertilizers

Activ Zinc-Manganese Orchards



Guaranteed content: **Mn EDTA – 4.8 %**, **Zn EDTA – 9.5 %**



We enhance nature
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Description and performance

Activ Zinc-Manganese Orchards – thanks to its unique composition of chelated zinc and manganese micro molecules, this fertilizer is designed for interventions to improve the plant resistance to low temperatures and improve the sanitary condition of the plantation. Application of the fertilizer according to recommendations ensures:

- Improving winter frost resistance
- Improving spring frost resistance
- Improving plant health significantly.

Application of preparations comprising chelated microelements ensures much higher level of utilization of supplied components and their bioacceptance by the plant. In addition, it makes it possible to significantly reduce the amount of the preparation applied in comparison with traditional products.

Activ Zinc-Manganese Orchards offers maximum bioavailability of supplied components thanks to application of microelements in the form of EDTA chelates.

Activ Zinc-Manganese Orchards provides a full dose of zinc and manganese.

Activ Zinc-Manganese Orchards provides complete solubility.

The preparation is designed for application in orchard plantations: **apple, cherry, gean, pear, plum, blueberry, raspberry** and **strawberry**.

Nutrients % (m/m):

- water soluble Mn chelated by EDTA 4.8
- water soluble Zn chelated by EDTA 9.5

Dosage

Plant	Dosage [kg/ha]	Time of application	Number of applications
APPLE TREE, PEAR TREE, CHERRY, GEAN, PLUM	2.0–3.0	bud cracking	1
	4.0–5.0	after fruit harvest	1–2
STRAWBERRY, RASPBERRY, CURRANT	2.0–3.0	beginning of vegetation	1
	4.0–5.0	after fruit harvest	1–2
BLUEBERRY	2.0–3.0	swelling buds	1
	4.0–5.0	after fruit harvest	1–2

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Application

The fertilizer is designed for extra-root feeding in the form of spray or through watering system sprinklers.

Recommended concentration: 0.5%, 700–1000 liters of solution per hectare.

(Dissolve the recommended dose thoroughly in 10 l of water).

Preparation of a working solution: 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: dissolved Activ Zinc-Manganese, plant protection agent, according to instruction (if envisaged and recommended for mixing), wetting agent. Fill up with water and start spraying.

Performance of Activ Zinc-Manganese Orchards

- improved winter frost resistance as a result of treatments in the fall
- improved resistance to spring frost as a result of spring treatments
- improved plant health thanks to high Zn and Mn content
- effective and quick prevention of microelement deficiency
- limiting the use of pesticides
- higher yields.

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 **PN-EN ISO 9001:2009** and **HACCP – PN-EN ISO 22000-2006**. We also have the European quality system certificate for feed additives and premixes **FAMI-QS**. Currently we work with customers from across the world.

EC FERTILIZER



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