



Specialist orchard fertilizers

Activ ProAmin Orchards



Guaranteed MgO content – 5% EDTA: Fe – 1.80 %, Mn – 0.72 %, Cu – 0.06 %, amino acids



We enhance nature

Description and performance:

Activ ProAmin Orchards is a fully dissolvable fertilizer with high content of absorbable -amino acids designed for extra-root nutrition of orchard plants. Application of Activ ProAmin Orchards intensifies plant productivity through significant acceleration of biosynthesis of proteins and generation of intracellular energy gain. The energy saved in the protein biosynthesis process activates other metabolic processes, which translates into overall improvement of the plant life.

Activ ProAmin Orchards contains a complete set of biogenic amino acids produced using advanced technologies. Thanks to precisely focused production processes, the amino acids in Activ ProAmin Orchards are absorbed by plants in at least 80%.

Application:

Application of **Activ ProAmin Orchards** is exceptionally effective in the periods of the tree's and bush's critical demand for energy (flowering, fruit setting, intensive growth of fruit, ripening) and in stress periods (thermal stress and damage to the plant) in which supply of easily absorbable biogenic - amino acids provides biostimulation for plants.

Activ ProAmin Orchards means biostimulation of the plant's productivity, plant's life functions and intensification of metabolism.

Activ ProAmin Orchards means improved utilization of micronutrients.

Activ ProAmin Orchards means intensified photosynthesis process.

Activ ProAmin Orchards provides complete solubility.

Fertilizer designed for application in orchard plantations: apple, cherry, gean, pear, plum, raspberry, strawberry, currant and blueberry.

		Nutrients % (m/m)			Contains amino acids
Product	MgO	Fe	Mn	Cu	
		in the form of EDTA chelates			
Activ ProAmin Orchards	5.00	1.8	0.72	0.06	

Activ ProAmin Orchards

contains
chelates 

Plant	Dosage [l/ha]	Time of application	Number of applications
Apple tree	1.0-3.0	From pink bud to intensive growth every 10-14 days	3-5
Pear tree	1.0-3.0	From white bud to intensive growth every 10-14 days	3-5
Gean	1.0-3.0	From white bud to development of fruit every 10-14 days	3-5
Cherry	1.0-3.0	From white bud to development of fruit every 10-14 days	3-5
Plum	1.0-3.0	From white bud to fruit ripening every 10-14 days	3-5
Strawberry	1.0-2.0	From the beginning of vegetation to crop phase	2-5
	1.0	After fruit harvest	1-2
Raspberry	2.0-4.0	From the beginning of vegetation to growth and development of fruit	2-5
Currant	1.0-2.0	From the beginning of vegetation to growth and ripening of fruit	2-4
Blueberry	1.0-3.0	From beginning of flowering to growth and ripening of fruit	2-4

Application:

The fertilizer is designed for extra-root feeding in the form of spray or through watering system sprinklers. Recommended dose of fertilizer: 1.0-4.0 l/ha in each application
Recommended concentration of the working solution: 0.1-0.5 %, 700-1000 liters of solution per hectare

Preparation of a working solution: Apply separately or jointly with monohydrate magnesium sulfate, MgO-23%, foliar fertilizer 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: monohydrate magnesium sulfate, MgO-23%, foliar fertilizer, Activ ProAmin Orchards, 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 Activ ProAmin Orchards.

Performance of Activ ProAmin Orchards:

- Intensification of photosynthesis processes
- Intensification of the plant's life functions and metabolism during its intensive growth
- 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 – 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. We proudly cooperate with customers from across the world.

EC FERTILIZER



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