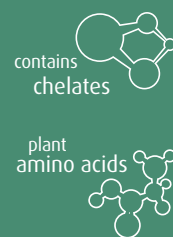




Contains a composition of 17 natural plant amino acids

# Activ ProAmin



Biostimulation of the plant's productivity



Nature enhanced  
www.arkop.com

## Description and performance:

**Activ ProAmin** is a fully water-soluble fertilizer with high content of absorbable amino acids designed for foliar nutrition of crops, vegetables and orchards.

Application of **Activ ProAmin** intensifies plant productivity through significant acceleration of biosynthesis process activates other metabolic processes, which translates into overall improvement of the plant life.

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

**Activ ProAmin** means improved utilization of micronutrients.

**Activ ProAmin** means intensified photosynthesis process.

**Activ ProAmin** means immediate absorbability.

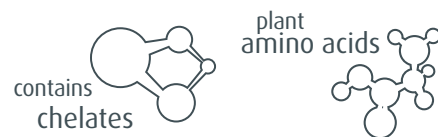
## Application:

The fertilizer is designed for foliar nutrition in the form of spray or through watering system sprinklers.

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

Nutrients % [m/m]				
Product	MgO soluble in water	Mn soluble in water	Fe soluble in water	Cu soluble in water
Activ ProAmin	5,00	0,72	1,80	0,06

# Activ ProAmin



## Doses:

Crops	Time of application	Dosage [l/ha]
Winter Cereals	1 – Autumn - phase of visible 3-6 leaves, 1 application 2 – Start of tillering 3 – Start of blade shooting 4 – Opening of the flag leaf sheath	2,0-3,0
Spring Cereals	1 – Full tillering 2 – Start of blade shooting 3 – Before heading	2,0-3,0
Rapeseed	1 – Autumn - phase of 4-8 leaves, 1 application 2 – Formation of side shoots 3 – Intensive growth phase 4 – Green compact bud phase	2,0-3,0
Maize	1 – 3-5 leaves phase 2 – 6-9 leaves phase 3 – Blade development phase	2,0-3,0
Beetroot	1 – 4-8 fully developed leaves phase 2 – Growth of leaf rosette	2,0-3,0
Legumes	1 – Intense growth 2 – Development of flower buds 3 – Development of pods	1,0-3,0
Potato	1 – Formation of shoots 2 – Intense growth of shoots	2,0-3,0

Recommended concentration of the working solution: 200-300 liters of solution per hectare.

## The results of Activ ProAmin use:

- Biostimulation of the plant's productivity.
- Intensified photosynthesis and metabolism process.
- Immediate absorbability.

### Preparation of a working solution:

Apply separately or combined 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**, 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**.

Contains a composition of 17 natural plant amino acids: aspartic acid, threonine, serine, glutamic acid, proline, glycine, alanine, valine, isoleucine, leucine, tyrosine, phenylalanine, histidine, lysine, arginine, cystine, methionine.

Vegetables	Time of application	Dosage [l/ha]
Tomato, Pepper	1 – Before flowering, 1-2 applications	1,0-2,0
Cucumber, Pumpkin	1 – At the phase of 4-8 proper leaves, 1-2 applications 2 – Development of fruit - fruit setting, 1 application 3 – Growth of fruit, 1-3 applications	1,0-2,0 1,0-2,0 2,0-3,0
Head cabbage (white, red, Savoy)	1 – At the phase of 8-12 leaves, 1 application 2 – Head expansion, 2-3 applications	1,0-2,0 2,0-4,0
Chinese cabbage	1 – Development of leaves 2 – Head setting 3 – Head expansion, 1-2 applications	1,0-2,0 1,0-3,0 2,0-4,0
Brussels sprout	1 – Intensive vegetative growth 2 – Head setting, 1-2 applications	1,0-3,0 2,0-4,0
Cauliflower, Broccoli	1 – Beginning of head formation	1,0-2,0
Carrot, Parsley	1 – Beginning of root thickening 2 – Intensive root thickening	1,0-2,0 2,0-4,0
Beetroot	1 – Beginning of root thickening	1,0-2,0
Celeriac	1 – Beginning of root thickening 2 – Intensive root thickening	1,0-2,0 1,0-3,0
Onion	1 – Beginning of bulb setting	1,0-3,0
Bean, Pea	1 – Flowering and pod setting 2 – Pod ripening	1,0-3,0
Lettuce	1 – Beginning of head setting 2 – Growth of heads	1,0-2,0

Recommended concentration of the working solution: 400-600 liters of solution per hectare.

Orchards	Time of application	Dosage [l/ha]
Apple tree	From pink bud to intensive growth every 10-14 days, 3-5 applications	1,0-3,0
Pear tree	From white bud to intensive growth every 10-14 days, 3-5 applications	1,0-3,0
Cherry	From white bud to development of fruit every 10-14 days, 3-5 applications	1,0-3,0
Gean	From white bud to development of fruit every 10-14 days, 3-5 applications	1,0-3,0
Plum	From white bud to fruit ripening every 10-14 days, 3-5 applications	1,0-3,0
Strawberry	From the beginning of vegetation to crop phase, 2-5 applications After fruit harvest, 1-2 applications	1,0-2,0 1,0
Raspberry	From the beginning of vegetation to growth and development of fruit, 2-5 applications	2,0-4,0
Currant	From the beginning of vegetation to growth and ripening of fruit, 2-4 applications	1,0-2,0
Blueberry	From beginning of flowering to growth and ripening of fruit, 2-4 applications	1,0-3,0

Recommended concentration of the working solution: 700-1000 liters of solution per hectare.

EC FERTILIZER



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