



Magnesium fertilizers with chelated microelements

ActiMag Ultra



Guaranteed content: **MgO** - 21,60%, **SO₃** - 42,90%, **B** - 0,01%, **Mo** - 0,001%,
EDTA: Cu - 0,002%, **Mn** - 0,01%, **Zn** - 0,002%, **Fe** - 0,02%



Description and performance:

The **ActiMag Ultra** is a new generation fertilizer, with a higher dose of magnesium and sulfur comprising chelates (i.e. microelements supplied in an organic form) manufactured using biotechnology. Application of preparations comprising chelated microelements ensures much higher level of utilization of supplied components. In addition, it makes it possible to significantly reduce the amount of the preparation applied in comparison with traditional products.

ActiMag Ultra is an unique balanced composition, ensuring action in multiple directions and supply of a precisely defined dose of microelements required for correct growth of individual crops, using a single product.

ActiMag Ultra provides great results in farming, horticulture, gardening, and hop, tobacco, grapevine and conifer plantations.

ActiMag Ultra means a full dose of magnesium and sulfur.

ActiMag Ultra provides complete solubility.

Application:

- as an individual water solution
- together with urea
- together with foliar fertilizers
- together with appropriate pesticides in the lower dose recommended by the manufacturer.

Effects:

- effective and quick prevention of microelement deficiency
- reduction of plant susceptibility to infections
- limiting the use of pesticides
- higher yields.

Content in % [m/m]								
Product	MgO	SO ₃	Zn	Cu	Mn	Fe	B	Mo
			in the form of EDTA chelates					
ActiMag Ultra	21,60	42,90	0,002	0,002	0,01	0,02	0,01	0,001

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Recommendations for use:

Crops		Number of applications	Treatment period	Recommended concentration [%]	Working solution volume [l/ha]
Vegetables / Agriculture	Winter crops	4	1 - Autumn in the phase of 3-6 leaves, 2 - Early spring, initial phase of tillering, 3 - Start of blade shooting, 4 - Opening of the flag leaf sheath	2,5 (7,5 kg of product dissolved in 300 l of water)	200-300
	Spring crops	4	1 - Full tillering, 2 - Start of blade shooting 3 - Initial phase of the flag leaf sheath 4 - Before heading (opening of the flag leaf sheath)		
	Rapeseed	4	1 - Autumn in the phase of 4-8 leaves, 2 - Early spring in the phase of side shoots formation, 3 - phase of intensive growth (stem elongation) 4 - Green compact bud phase		
	Sugar beet	3	1 - 4-8 fully developed leaves phase 2 - 9 and more fully developed leaves phase 3 - Growth of the leaf rosette (before spacing covering) 4 - After noticing first signs of cercospora on beets		
	Potato	4	1 - Formation of shoots 2 - Intense shoot growth (short spacing) 3 - The beginning of tubers formation 4 - Formation of inflorescences		
	Corn	3	1 - 3-5 leaves phase 2 - 6-9 leaves phase 3 - Blade development phase		
	Pastures, meadows	2	1 - In the tillering phase 2 - After each swath and grazing		
	Bean, Pea	3	1 - Leaves development 2 - Formation of side shoots 3 - Intensive growth (internodes extension)		
	Tobacco	2-3	During vegetation period every 14 days	2	1000-3000
	Hop	2	1 - Before flowering 2 - In the phase of development of cones	2	
Gardens	Apple tree and pear tree	3-4	1-2 treatments from the phase of a green bud to the beginning of flowering, 2-3 treatments from the end of flowering to 8 weeks before fruits harvest	1	700-1000
	Cherry tree and plum tree	3-4	1-2 treatments from the phase of a green bud to the beginning of flowering, 2-3 treatments from the end of flowering to the end of vegetation phase		
	Raspberry and Strawberry	3-4	1-2 treatments from the phase of a green bud to the beginning of flowering, 2-3 treatments from the end of flowering to the end of vegetation phase		
	Currant and blueberry	3-4	1-2 treatments from the phase of a green bud to the beginning of flowering, 2-3 treatments from the end of flowering to the end of vegetation phase		
	Grapevine	2-3	After flowering (varieties with fruit sensitive to magnesium - spray for the first time 2-4 weeks after flowering) then every 2 weeks	0,5-1	400-600
	Vegetables	2-4	In the phase of intensive growth every 10-14 days, As an intervention - after identification of deficiency (1-2 treatments every 7 days)	0,5-1	
	Decorative plants	2-4	1 - At the intensive growth phase every 10-14 days 2 - Before flowering	0,1-0,5	100
	Conifers	Preventive and as an intervention against browning of needles, 2-4 treatments every 10-14 days		1	100
	Fertigation	Select according to the plants' nutrition requirements, fertilizer recommendations, growth phase and plant condition and soil and climate conditions. Fertigation - when preparing the nutrient in tank B add slowly ActiMag Ultra to the water, mixing intensively, and then add the remaining ingredients.			
		Watering (outdoor) - apply every 10 days, ensuring optimum ground moisture		0,1-0,5	100

Preparation of a working solution: continuous mixing, in a spray tank, half filled with water, dissolve consecutively: urea, **ActiMag Ultra** (add slowly), other foliar fertilizer and pesticide. The prepared solution should be used within few hours from its preparation, preferably during cloudy days or in the morning or in the evening. It is recommended to dose **ActiMag Ultra** according to information presented in the table. Other components of the working solution should be dosed in accordance with the recommendations of the manufacturers in the lower recommended dose.

In case of mixing the fertilizer with other components it is recommended to make a trial mix in little amount of working solution.

EC FERTILIZER



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