



STEFES

EXTRA Zn



SUSPENSION FOLIAR FERTILIZER



Modern suspension for the prevention and control of zinc deficiency

Content: 6,50 % N + 2,60 % K₂O + 24,05 % SO₃ + 19,50 % Zn



STEFES EXTRA Zn is especially recommended for the targeted nutrition of crops with high demand for zinc.

Particularly sensitive to zinc deficiency are: Cereals, corn, potatoes, fruit, vegetables (tomatoes, beans), hops and legumes and fabaceae plants.



Zinc deficiency affects mostly plants grown on soils with high calcium content, and often treated with high doses of phosphate fertilisers. Inadequate supply of crops in zinc is causing disruption of basic physiological functions, and thus a serious disturbance of plant development and yield declines.



The modern suspension formulation of STEFES EXTRA Zn provides a fast and efficient delivery of plants with a large volume of readily available zinc. The balanced combination of nitrogen and sulfur ensures more comprehensive nutrition of plants.



Key advantages of STEFES EXTRA Zn

- Low use rates due to high concentration of zinc
- Best quality of raw materials which guarantee safeness of fertilization
- Presence of additional supporting nutrients like nitrogen, sulphur and potassium
- Quick absorption by leaf application
- Improved yield and crop quality
- Enhanced root system development

Crop	Number of treatments	Use rate l/ha	Time of application
Sugar beet	3	0,5-1,0	From 4-6 leaves unfolded to the 100% closure of rows (BBCH 14-39), at 12-14 days intervals
Apple and pears	3-4	0,75-1,5	1-2 preventive treatments or in case of visible deficits of zinc, 2 treatments few weeks before the harvest to improve storage properties and color of fruit (BBCH 55-59), at 12-14 days intervals
Berries	3-4	0,75-1,5	1 preventive treatment during growth; up to 3 treatments after harvest, at 12 days intervals (1 l/ha)
Corn	2	0,75-1,0	From 3-5 leaves unfolded stage (BBCH 13-15), at 7-12 days intervals
Other crops (open field)	1-2	0,5	1-2 preventive treatments or in case of zinc deficiency during the whole vegetative process
Oilseed rape	2	0,5	Autumn: from 4-6 leaves unfolded till two weeks before the end of autumn vegetation (BBCH 20-25), Spring: from the beginning of the vegetation to the beginning of inflorescence emergence stage (BBCH 25-51)
Legumes	2-3	0,5-1,0	From the beginning of formation of side shoots till inflorescence emergence stage (BBCH 21-59), at 9 days' intervals
Open field vegetables with high requirements for zinc	3	0,5	1st treatment during the intensive growth, when 8-9 leaves are visible, next treatments at 12-14 days intervals (it is recommended to use it in case of visible zinc deficit)
Cherry, sour cherry and plum	5-7	0,75-1,5	Spring: 2 treatment from beginning of leaf bud swelling till green bud stage (recommended dose: 0,75 - 1 l/ha), Summer (especially apples): a few treatments after second fruit fall (BBCH 73), (0,1-0,15 l/ha), After harvest: up to 3 treatments, at 14 days intervals (1,5 l/ha)
Spring cereals	2	0,3	From 3-4 leaves unfolded till inflorescence emergence stage (BBCH 13-51), at 12-14 days intervals
Winter cereals	3	0,5	Autumn: 1 treatment from 3-4 leaves unfolded till 2 weeks before the end of the autumn vegetation (BBCH 13-25), Spring: 2 treatments from the beginning of the vegetation to the end of flag leaf stage: flag leaf fully unrolled, ligule just visible (BBCH 25-41)
Potatoes	2	0,5-1,0	From main stem elongation (crop cover) to 40% of total final tuber mass reached (BBCH 35-73), at 12-14 days' intervals

STEFES EXTRA Zn is miscible with most crop protection chemicals. However, we recommend to make a small compatibility test with those agents scheduled for mixing and spraying. Use the product on dry crops – not at high temperatures.

Macroelements	% of weight	% of volume
Nitrogen (N) total	5,00	6,50
Potassium (K ₂ O)	2,00	2,60
Sulphur (SO ₃)	18,50	24,05
Microelements	% of weight	% of volume
Zinc (Zn)	15,00	19,50

Microelements chelated with EDTA and fully water soluble
Density 1,30 kg/l, pH 3,5-4,5



ANTI EVAPORATORS



SURFACTANTS



HUMECTANTS



EDTA CHELATION



ADHESION INTENSIFIERS



MISCIBLE WITH PLANT PROTECTION AGENTS