



STEFES

EXTRA Mn



SUSPENSION FOLIAR FERTILIZER



Modern complex of manganese for quick and effective manganese supply to plants

Content: 6,56 % N + 3,28 % K₂O + 27,88 % Mn + 22,96 % SO₃



STEFES EXTRA Mn was developed in response to the growing problem of hidden and visible manganese deficiency. The targeted nutrition via the leaf is particularly important on soils limed regularly and well aerated, as neutral and alkaline soil pH and redox processes have a negative impact on availability of manganese for plants. Absorption of this nutrient is also disrupted in case of high content of organic matter in soil as well as during cold periods and drought.



STEFES EXTRA Mn is well suited for all crops susceptible to manganese deficiency, including: corn, beets, potatoes, fruits and vegetables. Manganese contained in fertilizer is completely water soluble which guarantees efficient uptake and better translocation inside the plant. Supplementary content of nitrogen and sulphur prevents an unbalanced nutrient supply.



Key advantages of STEFES EXTRA Mn

- Modern suspension with extremely high concentration of manganese
- Additional supporting nutrients – nitrogen and Sulphur
- Efficient and fast uptake of crucial nutrients
- Improves root system and resistance of the crop to winter damages
- Gives the advantage during start of vegetation in spring
- Growth and development is optimized, which influences on improved yield and crop quality

Use recommendations

| Crop | Number of treatments | Usa rate l/ha | Time of application |
|-----------------------|----------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sugar beets | 2 | 0,5-1,0 | From 4-6 leaves unfolded to the 100% closure of rows (BBCH 14-39), at 12-14 days intervals |
| Fruit trees | 3-4 | 0,5 | 1-2 preventive treatments or in case of visible deficits of manganese, 2 treatments few weeks before the harvest to improve storage properties and color of fruit (BBCH 55-59), at 12-14 days' intervals |
| Berries | 2-3 | 0,5 | 1-2 preventive treatments or in case of manganese deficiency during the whole vegetative process at 10-12 days intervals |
| Corn | 1 | 0,5-1,0 | At 6-10 leaves unfolded stage (BBCH 16-19) |
| Oilseed rape | 2 | 0,5-1,0 | Autumn: from 6 leaves unfolded till 2 weeks before the end of the vegetation (BBCH 16-25); Spring: from the beginning of the vegetation to the beginning of inflorescence emergence stage (BBCH 25-50) |
| Open field vegetables | 2 | 0,5 | 1st treatment during the whole vegetation and growth process or in situation of difficult manganese absorption (e.g. drought), at 10-14 days intervals |
| Spring cereals | 2 | 0,5-1,0 | Autumn: from 3-4 leaves unfolded (BBCH 13-25), till the end of heading: inflorescence fully emerged (BBCH 25-59) at 12-14 days intervals |
| Winter cereals | 2 | 0,5-1,0 | Autumn: from 3-4 leaves unfolded till 2 weeks before the end of autumn vegetation (BBCH 13-25); Spring: from the beginning of growth to the end of heading: inflorescence fully emerged (BBCH 25-59) |
| 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 Mn 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) | 4,00 | 6,56 |
| Sulphur (SO ₃) | 14,00 | 22,96 |
| Potassium (K ₂ O) | 2,00 | 3,28 |
| Microelements | % of weight | % of volume |
| Manganese (Mn) | 17,00 | 27,88 |

Microelements chelated with EDTA and fully water soluble
Density 1,64 kg/l, pH 3,5 – 4,5



ANTI EVAPORATORS



SURFACTANTS



HUMECTANTS



EDTA CHELATION



ADHESION INTENSIFIERS



MISCIBLE WITH PLANT PROTECTION AGENTS