



STEFES_S



LIQUID FOLIAR FERTILIZER

Fast and highly efficient supply of sulphur

Content: 19,8 % N + 69,30 % SO₃ + microelements



STEFES S is a foliar fertilizer rich in nitrogen and sulphur. The composition and quantities of nutrients are selected so as to effectively meet the specific needs of plants sensitive to sulphur deficiency. This group include in particular: wheat, corn, oilseed rape, sugar beet, onion, cabbage and other brassicas. Sulphur, similarly to nitrogen, as a component of the essential amino acids - like methionine and cysteine - is particularly important for protein synthesis. Furthermore, both of these components reinforce each other's effects on plant metabolism. Sulphur also contributes to significant increase of plant disease resistance. Plants sown in the autumn are particularly susceptible at the risk of sulphur deficiency. In recent years, due to the widespread implementation of environmental programs, purposeful SO₃ emission reduction, and limited use of containing sulphur fungicides, sulphur deficiency in soil is becoming a growing problem. Huge increases in cereal and rape yields have even enlarged this problem.

Key advantages of STEFES S

- Low viscosity liquid with high content of water-soluble sulfur - easy to use and mixed
- High quality raw materials – safe and effective plant nutrition
- Healthier and more resilient plants
- Increased protein production
- Higher winteriness
- Increased yield, improved quality

Use recommendations

Crop	Number of treatments	Use rate l/ha	Time of application
Sugar beets	2	3-5	From 4-6 leaves unfolded till 100% closure of rows (BBCH 16-39)
Onion, garlic, leek, chive	2	3-5	During intensive growth at 14 days intervals
Fruit trees and shrubs	3	4-5	From the green bud stage (BBCH 51-59)
Cabbage, cauliflower, broccoli	2	3-5	During intensive growth at 14 days intervals
Corn	1	3-5	At 4-8 leaves unfolded stage (BBCH 14-18)
Oilseed rape	2	3-5	Autumn: 1 treatment from 4-8 leaves unfolded (BBCH 16-25), Spring: 1 treatment from the beginning of stem elongation (BBCH 30-40)
Cereals (especially winter wheat and barley)	2	4-5	Autumn: 1 treatment from 3 leaves unfolded (BBCH 13-25), Spring: 1 treatment after restart of vegetation till the beginning of inflorescence emergence stage (BBCH 31-50)

STEFES S 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, including	15,00	19,80
Ammonium N (NH ₄)	9,20	12,14
Urea N (NH ₂)	5,80	7,66
Sulphur (SO ₃)	52,50	69,30
Microelements	% of weight	% of volume
Boron (B)	0,011	0,015
Copper (Cu)	0,005	0,007
Iron (Fe)	0,021	0,028
Manganese (Mn)	0,013	0,017
Molybdenum (Mo)	0,001	0,001
Zinc (Zn)	0,005	0,007



ANTI EVAPORATORS



SURFACTANTS



HUMECTANTS



EDTA CHELATION



ADHESION INTENSIFIERS



MISCIBLE WITH PLANT PROTECTION AGENTS

Microelements chelated with EDTA and fully water soluble Density 1,32 kg/l, pH 5,5 – 6,5