



STEFES MACRO K



SUSPENSION FOLIAR FERTILIZER

Top class suspension fertilizer concentrate NPK for
high potassium demand crops

Content: 14,30 % N + 33,75 % K_2O + 7,15 % P_2O_5
+ microelements



STEFES MACRO K is a modern suspension fertilizer with high concentration of potassium, used for intense and efficient prevention of potassium deficit for all kinds of crops, with high demand for this specific nutrient, grown on light soils poor with this particular element.

STEFES MACRO K is perfect for fast and efficient potassium providing in fruits and vegetables crops, in order to raise their quality and commercial value – size, sugar content, improvement of flavour, fragrance and color.

The fertilizer composition completed with nitrogen and phosphorus, as well as with complete set of micronutrients, prevents the disproportional plants nutrition, ensuring their proper provision with all elements necessary for growth.

Key advantages of STEFES MACRO K

- Very high potassium content, which is absorbed immediately
- Well-balanced composition of micronutrients
- It increases tolerance of plants for pests and illnesses
- It helps to achieve higher crops of higher quality
- It increases resistance of plant for low temperatures
- It improves turgidity of fruits

Use recommendations

Crop	Number of treatments	Use rate l/ha	Time of application
Sugar beets	2	2-3	From 4 – 6 leaves unfolded stage to 100% closure of rows (BBCH 16-39)
Fruit trees	a few	5	At green bud stage, after flowering and during the intensive growth. It is also recommended to use STEFES Macro K after exposition to stress conditions such as drought, low temperatures, etc. when there are difficulties with absorption of nutrients from the soil
Berries	a few	3-5	After exposition to stress conditions such as drought, low temperatures, etc. when there are difficulties with absorption of nutrients from the soil and during intensive growth
Corn	1	3	From 6 – 10 leaves unfolded stage (BBCH 16-19)
Oilseed rape	2-3	2-3	Autumn: 1 treatment from 6-8 leaves unfolded (BBCH 16-25); spring: 1-2 treatments after restart of the vegetation to the beginning of buds' development (BBCH 25-50)
Open field vegetables	3	2-3	1st from 4 – 6 leaves unfolded (BBCH 14-16), then at 14 days intervals to increase the resistance to stress conditions
Spring Cereals	1	3	From 3 – 4 leaves unfolded stage to the beginning of inflorescence stage (BBCH 13-50)
Winter Cereals	3	2-3	Autumn: 1 treatment from 3-4 leaves unfolded (BBCH 13-25), spring: 1 treatment from the beginning of spring vegetation to the beginning of inflorescence emergence, heading (BBCH 31-50)
Potatoes	3	2-3	From main stem elongation (crop cover) to 40% of total final tuber mass reached (BBCH 35-73), at 12-14 days intervals

STEFES MACRO K may be used as prevention measure in given crops growth phases, or as intervention measure in the event of potassium deficit. CAUTION: STEFES MACRO K can not be mixed with calcium fertilizers and magnesium sulfate.

Macroelements	% of weight	% of volume
Nitrogen (N) total including	10,00	14,30
Ammonium N (NH ₄)	1,00	1,43
Nitrate N (NO ₃)	3,00	4,29
Urea N (NH ₂)	6,00	8,58
Phosphorus (P ₂ O ₅)	5,00	7,15
Potassium (K ₂ O)	25,00	35,75
Microelements	% of weight	% of volume
Boron (B)	0,035	0,050
Copper (Cu)	0,045	0,064
Iron (Fe)	0,100	0,143
Manganese (Mn)	0,015	0,021
Molybdenum (Mo)	0,007	0,010
Zinc (Zn)	0,035	0,050



ANTI
EVAPORATORS



SURFACTANTS



HUMECTANTS



EDTA
CHELATION



ADHESION
INTENSIFIERS



MISCIBLE WITH PLANT
PROTECTION AGENTS

Microelements chelated with EDTA and fully water soluble
Density 1,43 kg/l, pH 5,0 – 6,0