STEFES MACRO P

SUSPENSION FOLIAR FERTILIZER

Modern NPK suspension fertilizer concentrate for crops with a high demand of phosphorous

Content: 14,30 % N + 28,60 % P_2O_5 + 14,30 % K_2O + microelements

STEFES MACRO P is a rich suspension formulation with increased phosphorus content. Perfectly balanced key macro- and micronutrients contents make the fertilizer an ideal supporter and stabiliser for vital plant growth. Thanks to the high phosphorus content, STEFES MACRO P may be used for prevention and intervention measures for the purpose of completing visible and hidden deficits of this element in agricultural, vegetable and fruit farming crops. The remaining ingredients ensure a balanced and complete crop nutrition.

The highest phosphorus demand is shown in the earliest and fast growth periods. Element deficits are found also in acidic and soil freshly supplied with calcium. Foliar application is then the only way of providing phosphorus. Foliar phosphorus application should be provided in periods of particularly unfavourable conditions, such as insufficient water supply, pathogens influence, unfavourable temperatures - considering the fact that draught and cold interferes with phosphorus absorption from soil. STEFES MACRO P used in such moments guarantees a fast and efficient supply of phosphorus, ensuring proper growth of the plants.

STEFES MACRO P

Key advantages of STEFES MACRO P

- Very high phosphorus content, which is absorbed immediately
- Well-balanced composition of micronutrients
- It increases resistance to pathogens and stress conditions (frost, drought, etc.)
- It helps to achieve higher crops of higher quality
- It increases resistance of plant for low temperatures
- It stimulates the growth of root and immune system of plants

Use recommendations

Crop	Number of treatments	Usa rate l/ha	Time of application
Sugar beets	2-3	2	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 P 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	2	3	From 3 – 5 leaves unfolded stage (BBCH 13-18) & 2 weeks after 1st treatment
Oilseed rape	2	3	Autumn: 1 treatment from 4-6 leaves unfolded to 2 weeks before the end of autumn's vegetation (BBCH 14-25), spring: 1treatment after restart of the vegetation to the beginning of buds' development (BBCH 25-50)
Open field vegetables	3	3	Two weeks after planting at 12-14 days intervals
Spring Cereals	1	3	From 3 – 4 leaves unfolded stage to the beginning of inflorescence stage (BBCH 13-50)
Winter Cereals	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	2-3	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 P may be used as prevention measure in given crops growth phases, or as intervention measure in the event of macronutrients deficits.
STEFES MACRO P 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.
CAUTION: STEFES MACRO P 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)	4,00	5,72
Nitrate N (NO_3)	1,00	1,43
Urea N (NH_2)	5,00	7,15
Phosphorus (P_2O_5)	20,00	28,60
Potassium (K_2O)	10,00	14,30
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