



# STEFES N



## LIQUID FOLIAR FERTILIZER



Universal foliar fertilizer with a high macronutrient and a complete micronutrient content

Content: 14,16 % N + 4,72 % P<sub>2</sub>O<sub>5</sub> + 7,08 % K<sub>2</sub>O + microelements



STEFES N is a versatile fertilizer for general supplementary nutritions and prevention of nutrient deficiencies in agricultural and specialty crops.

It supplies plants with NPK and with all basic micronutrients. Due to the modern formulation all nutrients are readily available to the plants.



STEFES N is well suited to stimulate plant growth and development through the use of physiological stimulation effect, by delivering NPK by foliar application and thus enhancenutrient uptake by the roots.



Thanks to the modern formulation all contained nutrients in the fertilizer are readily available to the plants.



## Key advantages of STEFES N

- Ideal plant development due to carefully balanced composition
- Addition of 5 different adjuvants ensuring ideal technical properties of working liquid
- Enhanced absorption effects in efficient and swift uptake of all macro and micro nutrients
- Excess of EDTA acid balances pH of working solution, improving pesticides efficiency
- Rich & varied content enables perfect prevention or elimination of deficiencies in different kinds of crops
- Improved yield and quality of crops

## Use recommendations

Crop	Number of treatments	Usa rate l/ha	Time of application
Sugar beets	3	5	1st treatment from 3-4 leaves unfolded (BBCH 13-14) and 2 treatments until closure of rows at 14 days intervals
Fruit trees and shrubs	2	5	During the development of leaves (BBCH 15-19) and during intensive growth of fruit
Corn	1-2	5	At 3-4 leaves unfolded stage (BBCH 13-14) and two weeks after
Oilseed rape	3	5	Autumn: 1 treatment at 3-4 leaves unfolded (BBCH 13-14), Spring: 2 treatments after restart of vegetation and during the inflorescence emergence stage (BBCH 50-59)
Ornamental plants	1	0,2% - 0,3%	Foliar and soil application during seedlings production
Strawberries	4	5	3 treatments from the beginning of vegetation to harvest and one treatment after harvest
Open field vegetables	2-3	5	From 2 leaves unfolded stage or 2 weeks after planting till harvest, at 8-10 days intervals
Greenhouse vegetables	2-3	0,2% - 0,3%	From 2 leaves unfolded stage or 2 weeks after planting till harvest, at 8-10 days intervals
Cereals	3-4	5	Autumn: 1 treatment from 3 leaves unfolded (BBCH 13), Spring: 2-3 treatments after restart of vegetation till the end of inflorescence emergence stage at 10-14 days intervals
Potatoes	3	5	2-3 weeks from the beginning of germination, at 10-14 days' intervals

STEFES N 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	12,37	14,16
Phosphorus (P <sub>2</sub> O <sub>5</sub> )	4,00	4,72
Potassium (K <sub>2</sub> O)	6,00	7,08
Microelements	% of weight	% of volume
Boron (B)	0,011	0,013
Copper (Cu)	0,008	0,009
Iron (Fe)	0,015	0,018
Manganese (Mn)	0,014	0,017
Molybdenum (Mo)	0,001	0,001
Zinc (Zn)	0,006	0,007



ANTI EVAPORATORS



SURFACTANTS



HUMECTANTS



EDTA CHELATION



ADHESION INTENSIFIERS



MISCIBLE WITH PLANT PROTECTION AGENTS

Microelements chelated with EDTA and fully water soluble Density 1,18 kg/l, pH 6,5 – 7,5