



STEFES

PowerPhos



BIOSTIMULANT WITH MACRO AND MICRONUTRIENTS

Special NPK fertilizer with strong fungicidal properties

Content: 4% N + 24,30% K₂O + 33,70% P₂O₅ (in PO₃ form) + bacteria "Bacillus amyloliquefaciens" + unmodified rhizobacteria



STEFES PowerPhos is a phosphite liquid fertilizer that stimulates crop performance and improves nutrient health. Increases the integrity of plant cell walls, which improves plant strength and resistance. Stimulates key pathways in the plant, which produce compounds (*Phytoalexins) that are responsible for defending the plant against environmental stress including pathogens.

Enhances the efficiency of all plant nutrients. Phytoalexins are defense substances with important antifungal properties which are produced by plants after infection. Phytoalexins are not existing in healthy plants.

Key advantages of STEFES PowerPhos

- Decreases risk of immunization
- Does not generate any toxic residues in plant products, even, after many years of use in season
- Does not require additional suspension period
- Limits the necessity of excessive use of crop protection means
- Improves efficiency of many crop protection means
- Safe for useful predatory mites
- Environment friendly
- Improves nitrogen and potassium absorption

Use recommendations

Crop	Number of treatments	Usa rate l/ha	Time of application
Fruit trees	3-4	1,5	After petal fall (BBCH 71), at 4 weeks intervals
Strawberries	6-7	0,25% * 6-7 1,5 5-6	Seedlings: Dip roots and middle part of leaves for 15-20 minutes Autumn: After harvest (the end of September in Europe) Foliar: 3-4 treatments before flowering (BBCH 51-57), repeat 2-3 times till fruit start to get colors Fertigation: 1 treatment till beginning of fruit coloring (BBCH 75-79)
Vegetables	3-4	1,5-2,0	From 3-4 leaves unfolded (BBCH 13-14), at 10-12 days intervals
Grapevine	2-3	1,5	Before flowering (BBCH 53) till maturation of grapes (BBCH 79), at 12-14 days intervals
Potatoes	3-4	1,5-2,0	From small tubers till leaves and stem dead, stems bleached and dry (BBCH 41-97), at 10-14 days intervals

*water solution

Macroelements	% of weight	% of volume
Nitrogen (N)	2,90	4,00
Phosphorus (P ₂ O ₅)	24,42	33,70
Potassium (K ₂ O)	17,61	24,30

Microelements chelated with EDTA and fully water soluble
Density 1,38 kg/l, pH 5,0 - 6,0



ANTI
EVAPORATORS



SURFACTANTS



HUMECTANTS



EDTA
CHELATION



ADHESION
INTENSIFIERS



MISCIBLE WITH PLANT
PROTECTION AGENTS