

Mono Potassium Phosphite

Mono Potassium Phosphite is a PK liquid mineral fertilizer which can be used for both foliar and irrigation. It is easily absorbed and distributed throughout the plant due to the high solubility and small chemical structure. Besides its nutritional function of phosphorus and potassium, the phosphonate ion, present in the formulation of potassium phosphite produces an increase in the production of phytoalexins, substances that enhance the natural defense systems of plants to stimuli of pathogenic organisms.

Efficacy

- Stimulate the development of root system, blooming, fruit setting and ripening.
- Improve the quality of fruits – degree of sugars, color, taste, etc.
- Enhance the natural defense of plants against pathogenic fungi and bacteria.

Typical Properties

Property	Specification
P ₂ O ₅	30.0% min.
K ₂ O	20.0% min.
Chloride	0.01% max.
Phosphate (as PO ₄)	0.2% max.
Fe	50ppm max.
Heavy metals	50ppm max.
Insoluble substance in water	0.3% max.
pH	4.0-5.0

Compatibility

Mono Potassium Phosphite is compatible with most crop protection products. However it is recommended that prior to premix the commercial application. Avoid mixing with oils and products with strong alkaline reaction.

Recommended Applications

Method & Dosage	Crops	Application Time
Foliar spraying: 150-300ml/100lts (1.5-3.0lts/ha) Irrigation: 7.0-15lts/ha Immersion of roots: 150ml/100lts	Potato, tomato, pepper, strawberry, vegetables	2 applications in the first vegetative stages every 10-15 days
	Fruit trees	2-4 applications beginning from vegetative renewal
	Soy, tobacco	2 applications in the first vegetative stages every 10-15 days
	Flowers and ornamental	Several applications every 15 days according to need

Packaging

- 20lts drum
- 250kgs plastic drum
- Special packaging is available on request.

Storage

The product should be stored in its original packaging, with your respective label, in a airy, cool, dry places, far from sources of heat/ignition.



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