



FERTI-PHOS 10-34

COMPOUND LIQUID INORGANIC MACRONUTRIENT FERTILISER
NP 10-34 WITH MANGANESE (Mn), ZINC (Zn)
IN SOLUTION



FERTI-PHOS 10-34 polyphosphate is a formulation suitable for radical applications specially designed to provide crops with nitrogen and phosphorus in a totally assimilable form, to stimulate rooting, germination and vegetative growth. It's a special liquid fertiliser in which phosphorus is present both in controlled release form that in short acting. The share of phosphorus polymerized (50% P₂O₅) once distributed in the soil is gradually hydrolyzed and released as phosphorus assimilated by crops. The hydrolysis process takes an average of 40-60 days and occurs in parallel with the immediate release of a portion of phosphorus to ready effect existing in the product itself. zinc and manganese are important for reproduction of enzymes and for making of proteins. They participate in the synthesis of chlorophyll, of protein, to formation of natural auxins, of growth hormones of plant and composition of grain. These features make **FERTI-PHOS 10-34** an excellent fertiliser starter for to be used from the early stages of growth.

COMPOSITION (w/w)

Total nitrogen (N)	%	10
Nitrogen in the form of ammoniacal nitrogen	%	10
Total phosphorus pentoxide (P ₂ O ₅)	%	34
Water-soluble phosphorus pentoxide (P ₂ O ₅)	%	34
Phosphorus pentoxide (P ₂ O ₅) soluble in neutral ammonium citrate	%	34
Water-soluble manganese (Mn) chelated by EDTA	%	0.10
Water-soluble zinc (Zn) chelated by EDTA	%	0.10
pH range guarantees acceptable stability of the chelated fraction		4-9

CHEMICAL AND PHYSICAL PROPERTIES

FORMULATION	liquid	DENSITY (g/cm ³) 20° C	1.40
COLOUR	green-brownish	pH (solution at 1% w/w)	6.0 ± 0.5

DOSAGE AND DIRECTIONS OF USE

	Crop	Applications	Dosage by application
APPLICATIONS IN OPEN RADICAL FIELD RADICAL	Fruit	at the beginning of vegetative growth	60-80 l/ha
	Horticultural	post-transplant	80-100 l/ha
	Flowers	3-5 during the crop cycle	8-15 l/ha
	Industrial crops	3-5 during the crop cycle	20-40 l/ha
INDUSTRIAL CROPS PRE-SOWING OR PRE-EMERGENCE	Corn	localized sowing	60-80 l/ha
	Table tomatoes	pre-sowing	80-100 l/ha
FERTIGATION IN TUNNEL	Horti crops	post-transplant	10-20 l/ha for each intervention
	Table tomatoes	post-transplant	10-20 l/ha for each intervention

In protected environment the dose should not exceed 80 ml/hl of water (0,1%)

HOW TO USE

FERTI-PHOS 10-34 generally is compatible with conventional products used in agriculture. It is recommended not to apply it with products containing calcium, mineral oil or mixed with alkaline reaction products. Put the product into dispenser when it contains about half solution that you want to prepare. Shake to allow mixing. Preparing the mixture thinking to the conductivity of the water and its temperature, adjusting with the doses to be used.

PACKING

Bottle	1 l = 1.4 kg	Tank	20 l = 28 kg	Tank (IBC)	1000 l = 1400 kg
Tank	5 l = 7 kg	Tank (IBC)	640 l = 896 kg		