



**PRODUCT INFO
& DATASHEET**

HP-PG MIX NPK 14-16-18 + 1 MgO + CTE (High Mo)
HIGH PERFORMANCE POTTING SOIL MIX, crystalline
water soluble fertiliser
 - E.C. Fertiliser -

Recipe 21590101 - 04/10/2023

1/ PRODUCT SPECIFICATIONS

Typical chemical analysis			
Total Nitrogen	N	%	14.4
Nitric Nitrogen	N-NO ₃	%	5.5
Ammoniacal Nitrogen	N-NH ₄	%	8.9
Phosphorus pentoxide, water soluble	P ₂ O ₅	%	16.1
Phosphorus pentoxide, soluble in neutral ammonium citrate and in water	P ₂ O ₅	%	16.1
Potassium oxide, water soluble	K ₂ O	%	18.5
Magnesium oxide, water soluble	MgO	%	1.0
Sulphur trioxide, water soluble	SO ₃	%	19.0
Chelated trace elements			
Total Boron	B	%	0.034
Total Copper	Cu	%	0.130
Sulphate	CuSO ₄	%	0.130
Total Iron	Fe	%	0.099
Iron chelated by EDTA	Fe EDTA	%	0.099
Total Manganese	Mn	%	0.174
Sulphate	MnSO ₄	%	0.174
Total Molybdenum	Mo	%	0.216
Total Zinc	Zn	%	0.049
Sulphate	ZnSO ₄	%	0.04914
Other parameters			
Low in chloride			
pH (1 %)		pH	4.7 +/- 0.3
EC 1 g/l (0.1%)		mS/cm	1.3
Water soluble fertiliser			
Appearance			no color crystalline fertiliser
pH range in which a good stability of the chelated fraction is guaranteed:			
Fe-EDTA		pH	between 1.5 - 6.5
Zn-EDTA		pH	between 3.5 - 10.0

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