



**PRODUCT INFO  
& DATASHEET**

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

Recipe 21590201 - 04/10/2023

**1/ PRODUCT SPECIFICATIONS**

<b>Typical chemical analysis</b>			
Total Nitrogen	N	%	14.4
Nitric Nitrogen	N-NO <sub>3</sub>	%	5.5
Ammoniacal Nitrogen	N-NH <sub>4</sub>	%	8.9
Phosphorus pentoxide, water soluble	P <sub>2</sub> O <sub>5</sub>	%	16.4
Phosphorus pentoxide, soluble in neutral ammonium citrate and in water	P <sub>2</sub> O <sub>5</sub>	%	16.4
Potassium oxide, water soluble	K <sub>2</sub> O	%	18.5
Magnesium oxide, water soluble	MgO	%	1.0
Sulphur trioxide, water soluble	SO <sub>3</sub>	%	19.0
<b>Chelated trace elements</b>			
Total Boron	B	%	0.035
Total Copper	Cu	%	0.130
Sulphate	CuSO <sub>4</sub>	%	0.130
Total Iron	Fe	%	0.100
Iron chelated by EDTA	Fe EDTA	%	0.100
Total Manganese	Mn	%	0.174
Sulphate	MnSO <sub>4</sub>	%	0.174
Total Molybdenum	Mo	%	<b>0.053</b>
Total Zinc	Zn	%	0.049
Sulphate	ZnSO <sub>4</sub>	%	0.04932
<b>Other parameters</b>			
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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