



# Cultiplant

Water Soluble NPK  
10 - 5 - 38 + 3 MgO + TE

## Description

Brand Name	CULTIPLANT 10 - 5 - 38 + 3 MgO + TE
Chemical name	NPK with magnesium + chelated trace elements (EDTA)
Chemical Formula	10 - 5 - 38 + 3 MgO + TE
Color	Chrystalline, white

## Chemical Composition

Total Nitrogen (N)	10 %
Nitrate N (N-NO <sub>3</sub> )	8.9 %
Ammoniacal N (N-NH <sub>4</sub> )	1.1 %
Phosphoric Pentaoxide (P <sub>2</sub> O <sub>5</sub> )	5 %
Potassium Oxide (K <sub>2</sub> O)	38 %
Magnesium Oxide (MgO)	3.1 %
Sulfur Trioxide (SO <sub>3</sub> )	13.4 %
<b>Trace Elements</b>	
Boron (B)	96 ppm
Iron (Fe) EDTA chelated	560 ppm
Copper (Cu) EDTA chelated	64 ppm
Manganese (Mn) EDTA chelated	280 ppm
Molybdenum (Mo)	40 ppm
Zinc (Zn) EDTA chelated	80 ppm

## Physical Properties

Density	1.1 +/- 0.1 g/cm <sup>3</sup>
Solubility	280 g/L
EC	1.3 mS/cm in 0.1% water solution
pH	5 – 7 in 0.1% water solution

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