



Cultiplant

Advanced

CULTIMAG TRIO Ca Fe

Description

Brand Name	CULTIMAG TRIO Ca Fe
Chemical name	Calcium Ammonium Nitrate Magnesium Nitrate Iron, EDTA-chelated
Chemical formula	$\text{CaNH}_4(\text{NO}_3)_3$ MgNO_3 Fe-EDTA
Color	White/yellowish flakes

Chemical Composition

Total Nitrogen (N)	13.4% w/w +/- 0.3%
Nitric N (N-NO ₃)	13.0% w/w +/- 0.3%
Ammonium N (N-NH ₄)	0.4% w/w +/- 0.1%
Calcium Oxide (CaO)	16.5% w/w +/- 0.5%
Magnesium Oxide (MgO)	6.0% w/w +/- 0.3%
Iron (Fe), EDTA chelated	0.1% w/w +/- 0.02%

Physical Properties

Density	0.9 +/- 0.05 g/cm ³
pH	6 - 7 (10% water solution)
Water Insolubles	< 0.01%
Conductivity (EC)	1.25 mS/cm (in 0.1% solution)
Solubility in water	2,2 kg/L (at 20°C)