



Cultiplant

Advanced

CULTICAL ULTRA

Description

Brand Name	CULTICAL ULTRA
Chemical name	Calcium Ammonium Nitrate with IDHA-chelated Trace Elements
Chemical Formula	$\text{CaNH}_4(\text{NO}_3)_2$ trace elements
Color	Greenish flakes

Chemical Composition

Total Nitrogen (N)	14.6%
Nitric N (N- NO_3)	13.9%
Ammonium N (N- NH_4)	0.7%
Calcium Oxide (CaO)	26.5%
Trace Elements	
Boron (B)	0.025%
Copper (Cu), IDHA chelated	0.01%
Iron (Fe), IDHA chelated	0.07%
Manganese (Mn), IDHA chelated	0.04%
Molybdenum (Mo)	0.004%
Zinc (Zn), IDHA chelated	0.025%

Physical Properties

Density	0.95 +/- 0.05 g/cm ³
Solubility in water	2.0 kg/L (at 20°C)
EC	1.25 mS/cm (in 0.1% solution)
pH	6.5 - 7.5 (in 10% water solution) 5.5 - 6.0 (in 1% solution)
Water Insoluble	< 0.01%