



Cultiplant

Advanced CULTICAL BOR

Description

Brand Name	CULTICAL BOR
Chemical name	Mixture of Calcium Ammonium Nitrate and Boric Acid
Chemical Formula	$\text{CaNH}_4(\text{NO}_3)_3$ H_3BO_3
Color	White/yellowish flakes

Chemical Composition

Total Nitrogen (N)	15.1% w/w +/- 0.3%
Nitric N (N- NO_3)	14.3% w/w +/- 0.3%
Ammonium N (N- NH_4)	0.8% w/w +/- 0.1%
Calcium Oxide (CaO)	27.0% w/w +/- 0.3%
Boron (B)	0.2% w/w +/- 0.02%

Physical Properties

Density	0.95 +/- 0.05 g/cm ³
Solubility in water	2 Kg/L (at 20°C)
EC	1.2 mS/cm (in 0.1% solution)
pH	5 - 7 (in 10% water solution)
	6.0 - 6.5 (in 1% solution)
Water Insoluble	< 0.01%