

Calcium Ammonium Nitrate (CAN)



Calcium Ammonium Nitrate (CAN) is a high-efficiency nitrogen fertilizer that provides essential nutrients for plant growth. It contains both ammonium and nitrate forms of nitrogen, ensuring a steady and balanced nutrient supply. The presence of calcium enhances soil structure, improves nutrient absorption, and reduces soil acidity. CAN is widely used in agriculture to boost crop yields and promote healthy plant development.

Specifications:

Parameters	Limits
Total Nitrogen	27% ±0.5
Nitric nitrogen (N)	13.5% ± 0.25
Ammoniacal nitrogen (N)	13.5% ± 0.25
Total Calcium (CaO)	Min 5%
Total Magnesium (MgO)	Max 5%
Moisture	Max 0.3%
Bulk density	920 – 1050 kg/m ³
Hardness	Min 3 KP
Granule size (2-5mm)	≥90 wt.%
Granule size (<1mm)	1 wt.%
pH of 10% water solution	4.5 – 8

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