

5Ca(NO₃)₂·NH₄NO₃·10H₂O

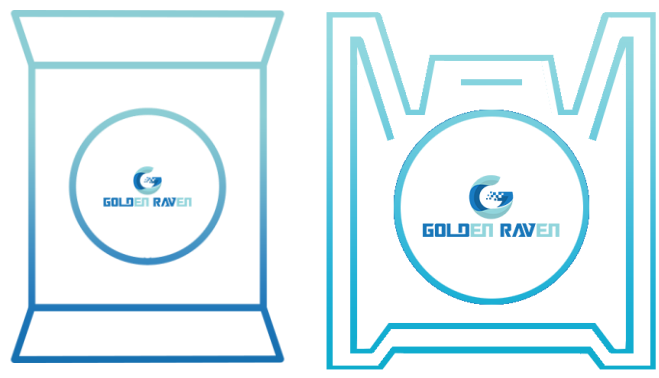
CALCIUM AMMONIUM NITRATE – CAN

Calcium Ammonium Nitrate is a highly soluble fertilizer that provides both calcium and nitrogen to plants. It supports plant growth by enhancing root development, boosting cell wall strength, and improving nitrogen uptake. 5Ca(NO₃)₂·NH₄NO₃·10H₂O is commonly used to correct calcium and nitrogen deficiencies in crops like vegetables, fruits, and cereals, promoting healthier growth and higher yields. It is typically applied through soil or fertigation for optimal nutrient absorption.



GENERAL DESCRIPTION	
Grade	Formula
Fertilizer Grade	5Ca(NO ₃) ₂ ·NH ₄ NO ₃ ·10H ₂ O
Molecular Weight	CAS No.
1080.71	15245-12-2

PHYSICOCHEMICAL PROPERTIES	UNIT	TYPICAL	GUARANTEED
Appearance	-	Granular	Conform
Total N	% w/w	≥ 15.5	15.56
Nitrate – Nitrogen	% w/w	≥ 14.4	14.48
Ammonium Nitrogen	% w/w	≥ 1.1	1.12
Ionic Calcium	% w/w	≥ 18.5	19.02
Water insoluble matter	% w/w	≤ 0.1	0.07
Color	-	White	Conform
Phosphate	% w/w	≤ 0.05	0.024
PH Value	-	4.8-5.2	5.0



Available Package
25 kg 1000 kg 1200 kg 1250 kg 25 kg in BB
Packaging is customizable

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