



Calcium Ammonium Nitrate

CAS Number: 15245-12-2

Calcium Ammonium Nitrate is a high-efficiency, water-soluble granular fertilizer supplying both calcium and nitrogen in readily available forms. It is neutral in reaction, supports rapid plant nutrient uptake, and enhances soil structure while improving crop yield and quality.

KEY FEATURES & APPLICATIONS

- Dual nutrient source: calcium for soil conditioning and nitrogen for fast plant uptake
- Improves soil quality by reducing acidity and active aluminum levels
- Enhances root, stem, and leaf growth
- Extends flowering period and improves fruit color, brightness, and sweetness
- Widely used in agriculture and horticulture for vegetables, fruit, and cash crops

PRODUCT SPECIFICATIONS

Item	Specification
Total Nitrogen	≥ 15.5%
Nitrate Nitrogen	≥ 14.4%
Ammonium Nitrogen	≥ 1.1%
Calcium Oxide (CaO)	≥ 26.0%
Water Insoluble	≤ 0.10%
Iron (Fe)	≤ 0.005%
Chloride (Cl ⁻)	≤ 0.02%
Phosphate (PO ₄ ³⁻)	≤ 0.05%
pH (10% solution)	5–7
Appearance	White Granule



**LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.**

Chemport Pty Ltd provides the information contained in this document in good faith based on the best knowledge available at the time of publication. While we believe the information to be accurate and reliable, it is intended for general guidance only and is provided without warranty of any kind, express or implied.

Users are solely responsible for determining the suitability of this product for their specific application and for ensuring compliance with all relevant regulations, industry standards, and intellectual property rights. The product must not be used in violation of any law, statute, or third-party rights.

Chemport Pty Ltd shall not be liable for any direct, indirect, or consequential loss or damage arising from the use of this product or reliance on the information provided in this document. Users should refer to the current Safety Data Sheet (SDS) and perform their own evaluations, including any necessary testing, to confirm the product's suitability for use in their particular conditions.

This document is subject to revision without notice as new data becomes available.

TECHNICAL SUPPORT
+61294103317
info@chemport.com.au

Level 9 Tower A
821 Pacific Highway
Chatswood NSW 2067
Australia

chemport.com.au

PACKAGING

- 25 kg PP/PE bags
- Customized packaging available on request

STORAGE & HANDLING

- Store in a cool, dry, and well-ventilated place.
- Protect from moisture and direct sunlight.
- Reseal opened bags to prevent caking and loss of solubility.

SAFETY

- Avoid dust inhalation; use protective mask and goggles during handling.
- Wear gloves to prevent skin contact and irritation.
- In case of eye contact, flush with plenty of water and seek medical attention.