

FERTILIZER PRODUCT DATA SHEET

Atlas Agro North America
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Calcium Ammonium Nitrate, CAN-27

27-0-0

GRANULAR FERTILIZER		Other Data	
Total Nitrogen (N)	27.0%	Stabilizer	Limestone (20%)
➤ Nitrate N (NO ₃)	13.5%	Range of Particle size (SGN)	2-4 mm (200-400)
➤ Ammoniacal N (NH ₄)	13.5%	Bulk Density	62 lb/ft ³
Calcium (Ca)	5.0%	Angle of Repose	28°

Calcium ammonium nitrate (CAN-27), a dry, granulated nitrogen fertilizer, guarantees a secure supply of nitrogen to plants. The combination of ammonium- and nitrate-nitrogen and no soil acidifying effect makes CAN the best choice for fertilizer applications to any agricultural crop and soil type. It is produced by mixing ammonium nitrate solution with fine limestone, followed by granulation of the mixture. The excellent granulation and specific surface coating guarantee that it can be stored optimally and has very good spreading properties.

Nitrate is the preferred nitrogen form for many crops, including high-value and horticultural crops. CAN-27 provides nitrate that is immediately available for plant uptake, resulting in timely and predictable growth responses. It is not absorbed into soil particles and is non-volatile, contributing to its ready availability to plants. Nitrate also improves plant uptake of the essential cations potassium, calcium and magnesium.

Benefits and Value

- Nitrate-nitrogen to immediately alleviate N stress
- N fertilizer with a neutral soil reaction creates optimal conditions for nitrogen uptake by plants.
- Fast and needs-based plant nutrition with nitrate nitrogen and ammonium nitrogen
- Lower ammonia emissions, compared to urea, ensures higher nitrogen supply for plants
- Non-hazardous, provides a secure alternative to AN
- Reduces the need for soil liming
- Extremely well suited for site-specific applications using precision ag technologies

Recommendations

Please Read and follow the label.

Apply as needed guided by soil and tissue sampling and consultation with an agronomist

Handling and Storage

This product is not classified as an oxidizer and is not regulated by DOT