



**PRODUCT INFO
& DATASHEET**

CAL-AM-NIT 27% N

CALCIUM AMMONIUM NITRATE

white granulated pellets

1) PRODUCT

Calcium Ammonium Nitrate 27% N (CAN 27% N)
E.C. fertiliser (Methods of analysis & tolerances & deviations as per EU regulations.)

2) CHEMICAL FORMULA

$\text{NH}_4\text{NO}_3 + \text{CaCO}_3$

3) BRAND

SICO CAL-AM-NIT 27%

4) TYPICAL SPECIFICATIONS

a) Calculated analysis

	<u>Guaranteed (%)</u>	<u>Specification</u>
Total Nitrogen (N)	min. 27 of which	13.5% Nitric N 13.5% Ammoniacal N
Calcium Oxide (CaO)	12	12% soluble in mineral acid

b) Physical Properties

Density	950 kg/m ³
Granules average diameter	3.0 - 3.8 mm (D50)
Sieve analysis	between 2.0 and 5.0 mm: min. 90%

5) APPLICATIONS & USE

As soil fertiliser in agriculture, horticulture and on grassland. Dosage to be used depends on local factors, crops and climatological conditions. Please contact your local agronomist or importer.

Orientation fertiliser doses:

Winter wheat, winter barley	100 - 200 kg/ha in spring and during the growing time
Rye	80 - 180 kg/ha in spring and during the growing time
Spring barley, spring wheat	120 - 135 kg/ha in spring
Spring malting barley	90 - 200 kg/ha in spring
Winter rape	100 - 150 kg/ha in spring, 150 - 250 kg/ha during the growth time
Root crops	150 - 200 kg/ha in spring and during the growing time
Maize for ensilage	200 - 400 kg/ha in spring
Meadows and leas	150 - 200 kg/ha in spring and during the growing time
Root vegetables	100 - 300 kg/ha in spring, 100 - 200 kg/ha during the growth time
Cabbages	200 - 400 kg/ha in spring, 100 - 200 kg/ha during the growth time
Fruit vegetables	150 - 250 kg/ha in spring, 100 - 150 kg/ha during the growth time
Oniony vegetables	100 - 300 kg/ha in spring, max. 100 kg/ha during the growth time
Pome and stone fruits*	50 - 300 kg/ha in spring, 100 - 200 kg/ha during the growth time
Small fruits*	max. 250 kg/ha in spring, 100 - 200 kg/ha during the growth time

(*) according to fertility degree

The mentioned doses represent orientational needs of nutrients. For particular crops, the doses as well as the possible dividing of them with the utilization of valid directions, considering the fertilisation with far manures and the influence of the previous crop or of the objective diagnostic procedures (eg. analysis of soil and plants), are to be specified more accurate. Please always contact your local agronomist.

6) PRECAUTIONS

Always keep the bag closed when not in use. Store out of direct sunlight and damp. Keep out of reach of children. Wash hands after use.

7. STORAGE

CAL-AM-NIT is to be stored in stores with a leak proof surface treated floor. The fertiliser must be protected from weather influences so that a secondary pollution and wetting cannot occur. After filling the fertiliser into the store, it is advisable to cover it with a polyethylene tilt.

Store dry, cool, away from direct sunlight in well vented space which protects product from moistening.

Protect from rapid temperature changes which can cause granules to disintegrate and form powder which is easy to cake esp. when exported to warm and humid countries: please store in ventilated and cold warehouse (with max. temperature 32° C).

8) PACKING: 25/50/500/1,000/1,200 kg big bags

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy itself of the suitability for its own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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