



**PRODUCT INFO
& DATASHEET**

CAL-AM-NIT® + 4 MgO

CALCIUM AMMONIUM NITRATE

with Magnesium 27% N + 4% MgO
(greyish or brownish granulated pellets)

1) PRODUCT:

Calcium Ammonium Nitrate 27% N + 4% MgO (CAN 27% N + 4% MgO)

E.C. fertiliser (Methods of analysis & tolerances & deviations as per EU regulations.)

Calcium Ammonium Nitrate (CAN) with Magnesium is a nitrogen fertiliser with a content of 27% nitrogen and 4% MgO.

It consists of a mixture of ammonium nitrate with a finely milled dolomite in a form of whitish, greyish or light brown granules with a size of 2 to 5 mm. Their physical mechanical properties guarantee an excellent storage ability.

The product is surface treated against agglomeration.

2) CHEMICAL FORMULA: $NH_4NO_3 + CaCO_3 + MgCO_3$

3) BRAND: CAL-AM-NIT+ 4 MgO Calcium Ammonium Nitrate 27% N + 4% MgO

4) TYPICAL SPECIFICATIONS:

a) Average analysis:

	Guaranteed (%)	Calculated Analysis (%)	Specification
Total Nitrogen (N)	27		13.5% Nitric N 13.5% Ammoniacal N
MgO		4	soluble in mineral acid
Calcium Oxide (CaO)		6	
Moisture		1 (max.)	
Screen analysis			between 4.0 - 5.0 mm: approx. 15% between 2.0 - 4.5 mm: approx. 85%

b) Packing: 25/50/500/1,000/1,200 kg big bags

5) APPLICATIONS & USE

As soil fertiliser in agriculture, horticulture and on grassland.

Dosage to be used depends on local factors, crops and climatological conditions..

CAL-AM-NIT with Magnesium is suitable for all soils and climatic conditions, especially for soils with a very low to satisfactory magnesium content and with a pH value under 6. It comes in use in particular for crops and plantations with high demands of magnesium, like potatoes, legumes, hop, fruit trees, vegetables and grapevine.

Owing to its composition, it is also appropriate for additional fertilisation of meadows and leas.

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

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

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SICO FERTILISERS
 EVERY TIME THE *right* SOLUTION



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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 farm 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 and unauthorized persons.
- * Wash hands carefully after use and treat with a regenerative cream.
- * Can endanger the health, especially when ingested, when it comes into contact with the eyes or mucosas and at a repeated contact with skin.
- * The fertiliser dust irritates the skin, the airways and the eyes.
- * It can cause an allergic reaction or even eczemas.
- * When manipulating the fertiliser, it is necessary to use the protective equipment for protection of skin and eyes and to avoid eating, drinking and smoking.

7. STORAGE

CAL-AM-NIT with Magnesium 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.

NO LIABILITY

Because of the wide variability in soil properties and fertility, climate conditions, irrigation practices and of course the kind of crop, dry broadcasting, liquid feeding or foliar spraying, the application of any fertilisers sold by us should be made on the basis of local experience and recommendations for fertilisation.

Consult the fertilisation extension service or local advisor for recommended practices about nitrogen and calcium etc. application rates that meet crop demand and local conditions. We cannot be held responsible for the results obtained.