LOVOFERT LAD 27

CAN Calcium Ammonium Nitrate with Magnesium

Nitrogen Fertilizer

COMPOSITION, APPEARANCE AND PROPERTIES

Calcium Ammonium Nitrate (CAN) with Magnesium is a nitrogen fertilizer 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 to lightbrown granules with a size of 2 to 5 mm. The physically mechanical properties of them guarantee an excellent storage ability. The product is surface treated against agglomeration.

APPLICATION

CAN 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 below 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 fertilization of greenlands.

PACKAGING, TRANSPORT AND STORAGE

CAN with Magnesium is sold in bulk or on pallets, by 1,200 kg, in 50 kg polyethylene bags, fixed by a PE-foil. It is transported in railway wagons, byships and on covered or open and tilted road vehicles.

CAN with Magnesium is to be stored in stores with a leakproof surface treated floor.The fertilizer must be protected from weather influences so that a secondary pollution and wetting cannnot occure. After filling the fertilizer into the store, it is advisable to cover it with a polyethylene sheet.

CHEMICAL AND PHYSICAL PROPERTIES

Quality characteristics	Value
Total nitrogen content as N in %	27
Nitrate nitrogen content as N in %	13.5
Ammonia nitrogen content as N in %	13.5
Total magnesium content as MgO in %	4
Granulometric analysis – particles:	
2 to 5 mm	min. 90
below 1 mm	max. 3
above 10 mm	0

RECOMMENDED DOSAGE

Culture	Dose in kg / ha
Winter wheat, Winter barley	300 – 450
Spring barley, Spring wheat, Rye, Oat	200 – 350
Spring malting barley	200 – 300
Winter rape	500 – 600
Root crops	450 – 700
Potatoes	250 – 500
Maize for ensilage	600 – 700
Fabaceous crops	100 – 200
Vegetables	150 – 700
Fruits trees	250 – 400
Greenlands	250 – 700

The mentioned doses represent orientation needs of nutrients. For particular crops, the doses as well as the possible dividing of them with the utilization of valid directions, considering the fertilization with farm manures and the influence of the previous crop or of the objective diagnostic procedures (e.g. analyses of soil and plants), are to be specified more accurately.

08/2019

At the birth of your success

LOVOCHEMIE
Terezínská 57, 410 02 Lovosice
www.lovochemie.cz