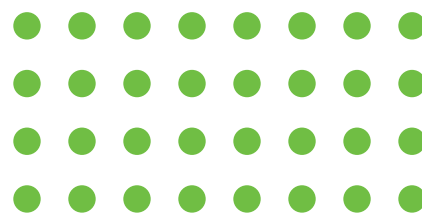


# LOVOFERT LAV 27

## CAN Calcium Ammonium Nitrate

Nitrogen Fertilizer



### COMPOSITION, APPEARANCE AND PROPERTIES

Calcium Ammonium Nitrate (CAN) is a nitrogen fertilizer with a nitrogen content of 27%. It consists of a mixture of ammonium nitrate with a finely milled limestone in form of whitish to light-brown granules with a size 2 to 5 mm. The physical-mechanical properties of them guarantee an excellent storage ability. The product is surface treated against agglomeration.

### APPLICATION

The combination of two nitrogen forms enables one to use the calcium ammonium nitrate both for fertilization prior to seedling or planting and in the growing time of plants. The fertilizer is suitable for all crops and for all soils.

### PACKAGING, TRANSPORT AND STORAGE

CAN 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, by ships and on covered or open and tilted road vehicles. CAN 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 cannot occur. After placing 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
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.

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