

LOVOFERT CN 15.5 + B
N (CaO) 15.5 (26.3)
EU FERTILISING PRODUCT

Manufacturer: Lovochemie, a.s., Terežínská 57, Lovosice, 410 02, Czech Republic.

Distributor:

Type designation: PFC 1(C)(I)(a)(i) Straight solid inorganic macronutrient fertiliser

Chemical and Physical Properties

Feature	Value
Total nitrogen as N in wt %	15.5
Nitrate nitrogen as N in wt %	14.3
Ammonium nitrogen as N in wt %	max. 1.5
Calcium water - soluble as CaO in wt %	26.3
Boron as B in wt %, as sodium salt, total	0.3
Particles 2 – 5 mm in wt % min.	90
Particles below 1 mm in wt % max.	3
Particles over 10 mm in wt %	0

The product is a granular fertiliser of white colour.

Contaminant content: the fertiliser meets the contaminant content limits for the type of fertiliser according to Regulation (EU) No. 2019/1009.

Usage:

Calcium nitrate is a fully water - soluble fertiliser with a fast action. It is very beneficial on more acidic soils, as the calcium from the fertiliser reduces the effect of soil acidity. Due to the high mobility of nitrogen in the soil and the risk of leaching, higher doses of calcium nitrate are not recommended on light sandy soils, in areas of high rainfall and generally single doses above 300 kg/ha. It is recommended mainly for regenerative fertilisation of winter crops, for late (qualitative) side - dressing of cereals, for side - dressing of weakened clover covers, for side - dressing of sugar and fodder beet, poppy, maize, meadow grass, vegetables and for operational removal of calcium deficiency in plant nutrition. The fertiliser is applicable for final nutrient applications to a wide range of cash crops with increased boron requirements.

Application:

Crop	Dose in kg/ha
Fruit trees grown	200 – 500 – 2 applications – at flowering and early fruiting
Melons, pumpkins	180 – 240
Summer barley	250 – 400 in spring
Summer wheat	150 – 200 in spring, 200 – 250 during the growing season
Row crops	250 – 400 in spring, 250 – 400 during the growing season
Meadows and pastures	200 – 600 in spring, 300 – 600 during the growing season
Root vegetables, cole crops	180 – 360 during the growing season
Fruiting vegetables	180 – 240 during the growing season
Onion and leafy vegetables	max. 180 during the growing season
Early potatoes	max. 180 during the growing season
Leguminous crops	max. 140 during the growing season
Pome fruits, stone fruits, bush fruits	180 – 360 during the growing season (depending on fertility level)

Strawberries	max. 360 during the growing season
Grapevine	150 – 200 during the growing season
Carrot, carrot (<i>Daucus carota</i>)	300 during the growing season
Cauliflower	200 – 250 during the growing season

Recommended application in the form of an aqueous solution	Dose in kg / l
Dripp irrigation system	Dissolution 0.05 - 1.5 kg / 1000 l of water
Hydroponic solution	Dissolution of 1 kg / 1000 l of water
Foliar applications	Dissolution of 0.5 – 0.8 kg / 100 l of water (use max. 10 times per season)

These doses set out the approximate amount of fertiliser recommended for application for a given crop. Specific doses and total amounts must be specified according to local conditions and applicable legislation. The use of soil and plant analyses or other diagnostic tools is very relevant.

Use only in case of real need. Do not exceed the specified dosage.

Labelling according to Regulation (EC) No. 1272/2008 (CLP):

Acute Tox. 4; H302

Eya Dam. 1; H318

Repr. 1B; H360FD

Hazard symbols:



Signal word:

Hazard

Standard hazard statements:

H302 – Harmful if swallowed.

H318 – Causes serious eye damage.

H360FD – May impair reproduction ability. It can damage the fetus in the mother's body.

Rules for safe handling:

P280 – Wear protective gloves, protective clothing, eye protection.

P305+P351+P338+P313 – IN CASE OF CONTACT WITH EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 – Immediately call a TOXICOLOGICAL INFORMATION CENTRE / doctor.

P405 – Store locked.

According to REACH, Annex XVII

Restricted for professional users only.

Hazardous ingredient: calcium nitrate $\text{Ca}(\text{NO}_3)_2$, disodium octaborate tetrahydrate $\text{Na}_2\text{B}_8\text{O}_{13} \cdot 4 \text{H}_2\text{O}$

UFI: 4220-Y02Y-9002-PE52

A list of all ingredients constituting more than 5% by weight of the fertiliser:

Calcium nitrate CAS 10124-37-5 (CMC 1), ammonium nitrate CAS 6484-52-2 (CMC 1)

This product is regulated by Regulation (EU) No. 2019/1148: all suspicious transactions and significant disappearances and thefts should be reported to the relevant National Contact Point.

The fertiliser falls within the scope of Council Directive 91/676/EEC on the protection of waters against pollution caused by nitrates from agricultural sources. The fertiliser contains nitrogen and can therefore be used on a limited basis in vulnerable areas. The fertiliser can be used without restriction in habitats outside the endangered areas.

Additional or detailed information with regard to safe handling and environmental impact, including first aid instructions, is given in the safety data sheet for the fertiliser in question.

Transport and storage:

Packaged fertiliser of up to 50 kg is stored in bags stacked one on top of another up to max. 1.5 m. When fertiliser bags are stored on pallets, the pallets can be stored up to two layers. Fertiliser must be stored on a floor with an impermeable surface. It must be protected from direct sunlight and radiant heat, otherwise the granules are destroyed and the fertiliser hardens. It is stored separately from other fertilisers and it must be protected against contamination. The storage area must be protected against moisture penetration. It is recommended to cover the stored fertiliser with a PE tarpaulin.

Package Volume: 25, 500, 1,000 kg

Shelf Life: 24 months when stored in the original undamaged packaging and under storage conditions

Date of manufacture: