



Registered office: Mun. Campina, Str. Drumul Taberei nr. 46, cam.11, et.1, Jud. Prahova;
ORC J29/636/27.04.2020; CUI 20796950; Registered capital: RON 21,401,400;
office@cemrom.ro; CEC Bank, account: RO58CECEIF0130RON4291874
place of business: Str. Industriala nr.2A, Sat Luminita, com Corbu, Jud. Constanta

TECHNICAL SHEET AGROCALCIUM GRANULATED

PFC 2 ALKALINE MINERAL AMENDMENT

AGROCALCIUM GRANULATED is a product obtained by the micronisation of limestone, containing Calcium Carbonate CaCO_3 , followed by the pelletisation thereof.

- **Areas of usage: agriculture, horticulture**
- **Physical-chemical features:**

Neutralising value (CaO), %	51-54
Granulometry (as mass passing through screens with apertures between 1-5 mm)	90-95
Total Calcium Oxide (CaO), %	50-53
Reactivity (test with hydrochloric acid) %	91-96
Calcium Carbonate (CaCO_3) %	90-95
Density, g/cm^3	1,07

- **Way of usage in agriculture, horticulture:**
 - **Agrocalcium granulated** can be used in all kinds of soil and with most plants requiring Calcium, and the dosages of limestone amendments are established based on the agro-chemical analysis of the soil;
 - Soil pH is one of the basic factors determining the soil quality;
 - The doses of CaCO_3 micronised enhance the physical, chemical and biological properties of the soil, thus increasing the soil fertility.
- **Advantages of using Agrocalcium granulated:**
 - it has a higher effectiveness than a common amendment, because the product is micronised, thus resulting a very large active contact surface of the particles neutralising a very big soil acidity;
 - treatment of soil acidity, increase of soil pH, or maintaining the soil pH.
 - enables a production increase by enhancing the degree of usage of the fertilisers.
 - improves the soil structure, a better resistance under extreme conditions (drought, acid rain)
 - crustless soil and increased permeability for air and water;
 - favours the circulation of carbon hydrates within the plant and accelerates the decomposition of back-up proteic substances from the sprouting seeds;
 - annihilates the toxicity of the K (potassium) cation;
 - improves the microbial life in the soil;
 - recommended for usage in ecological agriculture.
- **Way of administration:**
 - the best results are obtained when fertilisation with **Agrocalcium granulated** is done during the preparation of the seeding bed or on spring or autumn sowing, or administrated in the vegetation period without incorporation;
 - field cultures of 0,5-1,0 ton/ha, depending on the degree of soil acidity;
 - fruit trees 0,3-0,5 kg/tree, depending on the tree age;
 - small surfaces, loamy soil: 0,5 kg/sm.

- **Frequency of usage:**
 - whenever it is necessary in order to correct the soil acidity or to maintain the pH value.
- **Delivery:** big bags, plastic sacks, of various weights;
- **Validity term:** unlimited
- **Minimum rules for transport, handling and storage of Agrocalcium:**
 - keep it during transport, handling and storage away from the impurification with foreign matters and humidity;
 - during transport, the pallets with sacks shall be secured to prevent movement and capsizing.
 - wrapped pallets can be stored in open spaces on concrete platforms as well, provided the foil should be kept intact.
 - the sacks shall be kept away from blows, punctures and cuts.

This Technical Sheet has been revised on 15.11.2023.