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AGROCALCIUM DATA SHEET

AGROCALCIUM is a product obtained by the fine calcar milling, with a calcium carbonate of min. 90%.

◆ **Fields of use: agriculture**

◆ **Physical-chemical features:**

| | |
|--|---------|
| Granularity, passing through: | 100 |
| - 2 mm sizer, % | min. 95 |
| - 0,125 mm sizer, % | min. 90 |
| - 0,063 mm, % | |
| Humidity, % | ≤ 0,5 |
| Carbonate content (CaCO ₃) % | ≥ 90 |

◆ **Method of use in agriculture:**

- agrocalcium may be used for all soils and for most plants that need calcium, and the chalking doses shall be performed based on the soil agrochemical analysis;
- soil pH is one of the fundamental factors that determine soil quality;
- CaCO₃ additions improve the physical, chemical and biological soil characteristics, increasing the neutralization power;

◆ **Agrocalcium use benefits:**

- it treats soil acidity
- it allows the rise in production by increasing the degree of fertilizer use;
- it improves soil structure, a better strength under extreme weather (dryness, acid rains);
- coat free soil and high air and water permeability;
- it helps carbon hydrants circulation in the plat and it speeds the decomposition of the spare protein substances in the germinating seeds;
- it annihilates the K (potassium) cation toxicity
- it improves the microbial life in the soil

◆ **Method of administration:**

- the best results are achieved when agrocalcium fertilization is made during ploughing, because it mixes with the soil and has a quick reaction (preferable in autumn or in early spring);
- field crops 3/ha depending on the degree of soil acidity;
- fruit trees 2,5 kg/tree depending on age;
- small areas, clay soils 0,5 kg/m²

◆ **Use frequency:** - whenever needed to correct soil acidity;

◆ **Delivery:** in bulk, in bags, plastic boxes or in tank cars with pneumatic unload;

◆ **Term of validity:** indefinite

◆ **Transport, handling and storage minimum rules:**

- it shall be protected during transport, handling and storage against impurity;
- during transport, the bag pallets shall be secured to prevent movement and tilting;
- the wrapped pallets may be also stored in open areas on concrete platforms provided that the foil is kept intact;
- Bags shall be protected against bumps, perforations and cuts;

This data sheet was issued on 22.05.2018 and shall be periodically reviewed, whenever necessary.