

Benefits & Features

Soil Drainer:

Greater root depth and greater oxygenation of the soil.

pH Stabilizer:

CaSO promotes the solubility of salts and therefore the formation of soluble salts that favor enzymatic reactions. Balancing soils quickly

Biological Control (Pesticide):

By the action of beneficial microorganisms

MINERVITAL

Fertilizer:

It unlocks nutrients and increases radiation, hindering nitrogen loss.

Reduction of Inputs:

It reduces the need for irrigation and preserves the presence of nitrogen in the soil. It also fights soil acidification caused by common chemical fertilizers such as NPK and urea.

Decreased Plant Stress:

It increases your metabolism and improves the balance of energy loads.

MINERVITAL

It is a 100% natural product of mineral origin that acts on the soil for agricultural or forestry use, focused on improving its behavior in the crops it supports.

MINERVITAL is a very simple product with very sophisticated scopes, both for natural, organic or conventional agriculture (B. Wiederkehr, CEO Agrofamilia)

Institutions participating in the project.



AGROFAMILIA



MINERVITAL®

Soil Regenerator for Agriculture & Forestry Systems



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MINERVITAL is a formula developed by **AGROFAMILIA** with a carrier that is calcium sulfate of optimal quality and purity, to restore the balance of the soil in a natural way. 100% natural product.

A primary task is the rebalancing of soils to contribute to the well-being of the planet. This approach promotes sustainability and increases organic and efficient agricultural production.

4 LEVELS OF INTERACTION

PHYSICAL: Contribution of pure, micronized rock flours that can be integrated into the territory 100% in an agronomic cycle. Soil structure after its integration into it.

CHEMICAL: *Composition and association of its macro and microelements with others that were already in the soil before its arrival.*

BIOLOGICAL: *The ability conferred on the soil to promote microbial life in it. Microbial activity stimulates root growth and plant development.*

ENERGETIC: *Adaptation of the load balance on the ground, which allows a modification of its conditions and the consequent improvement of the nominal capacities for production. It originates from a main carrier that is Calcium Sulphate dihydrate - CaSO_4 .*

As a soil **REGENERATOR**, it directly influences:

- Increasing Soil SUPPRESSIVITY
- Increasing organic matter

The recommended dose is 600 kg/Ha per year, a relatively low amount, and can be applied manually or with a spreader.

MINERVITAL PRINCIPLES

INTEGRAL SUSTAINABILITY.

Minervital seeks to ensure that agricultural production is respectful of the environment. This involves reducing environmental impact, improving groundwater, and decreasing the need for irrigation.

CUTTING-EDGE TECHNOLOGY.

Minervital is not only a natural product, but is enriched with technology. An energy balance of loads is carried out on the ground. Cutting-edge technology in its production and constant research for continuous improvements.

ECONOMY AND COMPETITIVENESS.

The aim is for farmers to obtain better harvests without having to make large investments. The improvement in the quality and yield of crops allows them to be more competitive in the market.

ADAPTABILITY TO ANY SOIL OR CROP.

The product can be applied to any type of soil or crop. It does not modify the usual agronomic protocol and is not a fertilizer, but a soil improver, so it can be used in combination with other products.

MULTIPLE IMPROVEMENT.

The fifth principle refers to **MINERVITAL'S** ability to have a positive impact on several aspects at the same time. It focuses on the physical improvement of the soil (aeration, drainage, structure), plant health (roots, vitality, resistance) and the economics of the crop.