BONAFERT – TECHNICAL DATA SHEET

Description:
Microbiological fertilizer to accelerate biological processes in the soil. Provides rapid accumulation of macronutrients and their transfer into forms digestible for plants. Decomposes and localizes toxins accumulated in the soil.

Application:
Annual crops: Apply directly with seed when sowing.

Universal Agro-dose: 100 - 200 kg/ha.

Perennial crops: Apply in early spring directly above the root system of plants.

Universal Agro-dose: 100 - 200 kg/ha.

Together with mineral fertilizers:

Universal Agro dose: 25 kg. mix in 100 kg. mineral fertilizers.

Ingredients:
Zeolite, Leonardite, Bentonite, Microorganisms.

Aggregate form:
Granule.

Compound:

OPTIONS	ED. MEASUREMENTS (%)
Organic mass	10.00
Nitrogen (N)	0.50
Phosphorus (P2O5)	0.01
Potassium (K2O)	1.00
Calcium (CaO)	5.00
Sulfur (S)	0.30
Magnesium (MgO)	1.70
Manganese (Mn)	0.06
Silicon (Si)	40.00
Iron (Fe)	2.50

Microorganisms:

NAME	CFU/ml	MANUFACTURED PRODUCTS
Bacillus sp. 48	$30*10^8$	Promotes plant growth through: nitrogen fixation, phosphate solubility and the formation of phytohormones.
Bacillus mucilaginosus Cor-4	$30*10^8$	Dissolves soil minerals and releases K (+) and SiO (2) from crystal lattices. Produces organic acids and polysaccharides.
Bacillus subtilis 17	$30*10^8$	Highly active enzymes that decompose plant biomass, such as amylase and cellulase. They not only contribute to the cycle of carbon, nitrogen and phosphorus, but also participate in the decomposition of harmful substances.

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Agrobacterium tumefaciens LBH4001	$30*10^8$	Diazotrophs convert atmospheric nitrogen into usable forms for plants, such as ammonium and nitrate.
bacillus megaterium 118	$30*10^8$	Phosphorobacterin converts complex organophosphorus compounds and mineral phosphates from insoluble forms of phosphorus (P) into forms available to plants.
Cellulomonas Uda	$30*10^8$	Several types of cellulase (polysaccharides and oligosaccharides). Which play an important role in the translation of essential nutrients into plant-assimilable forms.

Complies with EU Organic Law Reg. 2018/848. Compiled in accordance with Regulation EC 1272/2008 and REACH Regulation no. 1907/2006.

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