

FLORA-L Ltd.

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By taking care of soil and plant health, we preserve the one of ourselves

Dear Sirs, we invite you to cooperation!

Flora-L Ltd. is a manufacturer of premium class organic fertilizers. Our products are safe for people and animals and improve environmental conditions. We use only natural technologies.



Original 3.5 kg plastic package

For small-scale and large scale wholesale buyers we can pack our products into respectively a 50 kg polypropylene bag or 0.5-1.5 t big bag.

Our vermicompost under the trademark "**EBG**" (**EBG Biohumus**) contains a balanced set of micro- and macroelements useful for soil fertility and plant growth.

We use a living biosystem of California Red Worm for composting cattle manure and manufacturing one of the best of existing natural organic fertilizers.

EBG Biohumus contains great amount of humine acids, which bind heavy metals and radionuclides in soil, and affects macroelements, making them reachable for the plants.

EBG Biohumus also contains nutrients, which interact with soil mineral substances and form complex compounds. As a result, they get protected from washing-out and rapid dissolution in water and provide long-term nourishment of plants.

EBG Biohumus enriches soil with bacteria, enzymes, humic acids, vitamins and natural

antibiotics beneficent for soil and plant health.

EBG Biohumus could be a base for formation of fertile soil layer on deserts and unproductive land.

EBG Biohumus is a black granulated substance (fraction size 1-3 mm), outdoor-free, with up to 60% dampness.

EBG Biohumus:

- recovers soil fertility and form fertile soil layer;
- binds heavy metals and radionuclides contained in soil;
- maintains plant immunity;
- reduces germination, growth and fruit ripening time by 12-15 days;
- enriches vitamin content of plants and increases crop capacity 1.5-2-fold
- stimulates plant growth and blossoming, increases colour intensity of lawn grass, leaves and flowers;
- ensures high survival ability of replanted trees.

Our fertilizer is an organic product. We take cattle manure (livestock dropping) and compost it for nearly half a year for all microbiological processes of decomposition could successfully end. Then our workers put the compost in rows and place worms. Special conditions such as air humidity, temperature, aeration are controlled for all the producing cycle. After the fertilizer is ready, and the WHOLE mass of biohumus was passed through organism of Red Californian Worm, our workers manually sieve the fertilizer to remove the worms, accidental pieces or rocks and parts of uncomposted organics.

As a result our fertilizer contain unique complex of soil microorganisms, which not only feed the plants and increase the crop, but restore the soil and turn unproductive mud into fertile agricultural land and have a long-lasting effect.

Our fertilizer doesn't contain any additives to increase the amount of the NPK such as bone meal, dried blood or others, so the numbers for them are lower then in some other samples, but the efficiency of biohumus is higher.

This fertilizer is ideal for organic farming, because it doesn't contain any chemicals, pesticides or any unnatural component. It is absolutely eco-friendly, and the production which is raised on biohumus has better taste, plants are healthier and crops are ready earlier.

For it is NATURAL made, the granules have the size of coprolites (result of worm activity) and the fraction size vary from 1 to 3 mm. The colour is black because high content of humine and fulvic acids and other organic matter

EBG Biohumus chemical composition*:

Total nitrogen (N) content, (mass % on dry basis):	1.55 – 2.50
Available phosphate (P2O5) content, (mass % on dry basis):	0.85 – 1.40
Potassium (K2O) content, (mass % on dry basis):	0.88 – 1.80
Water content, (mass % on dry basis):	50 – 55
Organic matter content, (mass % on dry basis):	>60
pH of salt solution, pH:	6.5 – 7.9
C/H ratio:	12 : 16
Humic and fulvic acid total content, (mass % on dry basis)	7.0 – 8.9

* pH and NPK values may be adjusted to a certain extent.

EBG Biohumus humine acid chemical composition:

Ash content, %	Weight fractions, %				ω	Functional groups,		carbohydrates, % by carbon
	C	H	O	N		COOH	OH	
1,3	53,7	3,9	38,3	4,1	+ 0,23	462	96	19,0

EBG Biohumus organic matter composition:

Organic matter, %	Humine acid, %	Fulvic Acid, %
32,2	10,7	11,7

For more detailed information please contact:

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