



BIORG Fully Organic Substrate

BIORG Fully Organic Substrate is specially designed for greenhouse farms. It is an organic mixture of BIOHUMUS, ferti soil, BIOMAX, BACTOVIT and special peat. Special peat was used to increase aeration in **BIORG Fully Organic Substrate** substrate.

All mentioned above ingredients were invented and patented by our company **AqriBioEcoTex LLC**.

The function of BIORG Fully Organic Substrate is based on two main connecting effects:

- **BIORG Fully Organic Substrate** gives balanced correlation of micro and macro elements, fast development of root system and initial stage of growth.
- **BIORG Fully Organic Substrate's** micro flora decomposes original components, it dissimilates substance easier for feeding a root system and it extends effective action during all period of vegetation.

CHARACTERISTICS (Typical Figures)

Components	Quantity
Color	Black/Dark brown
Smell	Absent
PH-solution	6,5-7,2
Total nitrogen (N)	> 1,5%
Total Phosphorus (P2O5)	1,5-1,7%
Potassium (K2O)	1,8-2,1%
C/N	18-19
EC ms/cm	2,4
Calcium (Ca)	4,5%
Kadmium (Cd)	0,4 mg/kg
Nickel (Ni)	8,0 mg/kg
Plumbum (Pb)	4,3 mg/kg
Magnesium (Mg)	0,6%
Iron (Fe)	0,34%
Copper (Cu)	7,5 mg/kg
Manganese (Mn)	58 mg/kg
Moisture	20-30%
Dry organically substance (by content it close to soil's humus)	60%
Gross humin+fulvo	10%
Mikroflora (CFU in 1ml)	2,4 x 10 ⁹
Stannum (Sn)	1,1 (ppm) mg/kg
E. koli in 1 qr	Not found
Colibacillus	Not found
Salmonella 50 qr	Not found
Sibir ulcer	Not found



BIORG Fully Organic Substrate

BIORG Fully Organic Substrate also has big water capacity, perceptibility to water, mechanical durability, granulation (granules have very high durability), a lot of useful microorganisms, different ferments, soil antibiotics, vitamins, hormones of growth.

It is important that **BIORG Fully Organic Substrate** decreases quantity of nitrates in 8-10 times, increase productivity and improves firmness to diseases and to pests (immunity improves), taste of vegetables and fruits is more better, increase terms of keeping.

APPLICATION

BIORG Fully Organic Substrate can be used for all types of plants: vegetables, potato, fruit production, decorative bushes, flowers and roses production, berries production and etc.

Note: Collaborative use of BIORG Fully Organic Substrate, BIOMAX, BACTOVIT and BIOBITPEST liquid bio-products brings to the maximization of the final results.

BENEFITS

Comparison with analogue products

Advantages of **BIORG Fully Organic Substrate** over COCO PEAT SUBSTRATE, PEAT SUBSTRATE, MINERAL WOOL:

- the ability to retain moisture (water economy) - **30%**
- the use of chemical fertilizers (fertilizers economy) - **25%**
- electricity savings (since less water and fertilizers used) - **25%**
- the revival of natural taste - **100%**
- price is cheaper - **40%**

DIMENSIONS

BIORG Fully Organic Substrate has:

1000x200x90 mm. (L x W x H). Capacity: 18L.

Product can also prepare 1090x20x90 mm. (L x W x H) with capacity of 20L. Price will differ.

APPROVALS AND CERTIFICATES:

- IMO CONTROL CERTIFICATE
- BIOCONTROL CERTIFICATE
- ÖKO GARANTİ CERTIFICATE