

Biogel

AGROLINIJA Organic Soil Improver

Concentrated gel of 100% natural organic origin is a source of organic matter, micro and macro nutrients, humic and fulvic acids for soil, produced from beef cattle manure compost using innovative technology. BIOGEL® contains organic carbon bioactive microorganisms, macro (N, P, K) and micro (Fe, B, Mo, Mn, Cu, Zn, Ca, Se) nutrients, and humic and fulvic acids.

To be used for:

- Improvement of soil productivity properties.
- Treatment of seed sand planting material.
- Fertilizing through watering systems, capillary watering to plant root zone.
- Stimulate mineralization processes of stubble and straw remnants.
- Suitable for all sorts of agricultural crops.

Composition	w/w	g/l
pH	8,5	
Total amount of organic substances	47%	550
Total amount of humic and fulvic acids	8,7%	103
Total nitrogen (N)	1,7%	20
Total phosphorus (P ₂ O ₅)	0,7%	8,3
Total potassium (K ₂ O)	6,3%	74
(Fe,Ni,Cu,Zn,Ca,Mg,Na,Mo, Mn,B)	>1%	12
Density	1,18 g/ 1 cm ³	



Package: 2 l, 10 l, 20 l

Benefits:

- It improves chemical and physical characteristics of all soils, regenerates biological activity of soil.
- Slows down erosional processes of soil and increases humus accumulation.
- Due to biological activity and humic acids, it converts nitrogen, phosphorus, potassium and other elements to form that is accessible and easy consumable.
- Reduces concentration of salts deriving from fertilizers as well as ammonia toxicity in soil.
- Stabilizes mineral nitrogen reserves in soil.
- Increases mineralization of stubble and straw remnants in soil.
- Increases seed germination and vitality.
- After seed treatment, bioactive microorganisms make up a natural barrier on the surface of plant roots and this prevents from attachment of pathogenic microorganisms.
- Improves development of root system of all kinds of plants.
- Increases natural resistance to diseases, pests and adverse weather conditions.
- Grown production gets of better quality.

It is suitable to use in ecological farming according to Council Regulation (EC) Nr.834/2007 and to Council Regulation (EC) Nr.889/2008.



**5-8 liters
for insertion
into soil**



Usage guidelines:

For improvement of soil fertility.

Spring time - pour or spray to soil before sowing or planting prepared and mixed solution with water, rate 5-10 l/ha. Amount of water 200-250 l/ha.

Autumn time - pour or spray stubble or before sowing prepared and mixed solution with water, rate 6-10 l/ha. Amount of water 200-250 l/ha.

The product can be mixed with soluble fertilizers after test mixing is performed. A combination BIOGEL® +KAS is an irreplaceable solution for watering soil in early spring.

Seed treatment.

The solution must be utilized within 6 hours after treatment of seeds of 12-14% humidity; the seeds can be stored for one month maintaining minimal variations of temperature, rate 1.0-2.0 l/t of seeds.

For treatment of planting material.

For treatment of seedlings' roots, produce 5.0-10% concentration solution, the roots should be soaked for 4-8h.

CULTURES	Watering or spraying to soil l/ha	USAGE TIME
Cereals, rape, peas, beans, corn, sugar beets	5-8	before or after sowing
Potatoes	6-10	100% germinated plants (4 leaves)
Leafy vegetables	6-10	1-2 days after planting, during early growth two times, every 10-14 days.
Root vegetables	6-10	1-2 days after planting, during early growth two times, every 10-14 days.
Berry gardens (raspberries, strawberries, currants and others)	6-12	early growth once, during vegetation two times every 10-14 days.
Gardens (apple trees, pears, cherries, walnuts, and others.)	6-15	during vegetation 2-3 times

In smaller farms and gardens, the product can be used for watering by an ordinary watering-can. Up to 0,1-0,2 l of BIOGEL® should be added into water and mixed thoroughly with 20 l of water. Prepared solution of 0,5-1% is used for watering, it is suitable for vegetables, berries, flowers, berry bushes, in open or closed grounds.



Storage:

Product BIOGEL® is to be stored in closed original package, protected from direct sun light, in dry, cool and well ventilated place, away from incompatible materials, foodstuffs and beverages. Storage temperature is +1°C to +35°C. Properly stored, the product shall retain its quality for 24 months.

Package management:

Package shall be washed and utilized according to the laws of Lithuania.

Disclaimer

Our products are of high quality and we believe that they are suitable as mentioned herein, however, since we cannot control mixing, usage or weather conditions during usage and after, no terms and warranties shall be valid with regard to quality or suitability, and we shall not assume any responsibility for damage or injuries that occur due to storage or usage.