



APPLICATION INSTRUCTION

BIOCOMPLEX-BTU®

for pre-planting seeds treatment of cereal, leguminous, technical crops and plants spraying during vegetation period

Description: From cream to brown coloured liquid with slight specific smell.

Composition:

Living bacteria:

- nitrogen-fixing: supply nitrogen for plants;
- phosphor and potassium mobilizing: convert low-solubility compounds into the forms assimilable for plants: P, K, etc;
- bacteria with fungicide properties, which protect plants from bacterial and fungous diseases;

Biologically active products of bacteria vital processes: phytohormones, vitamins, antibiotics, fungicides, enzymes, amino acids as well as nutritional medium components (macro- and micro-elements, organic nutrient sources).

Biocomplex-BTU® effect

- uniform shoots emergence time acceleration, seeds germinating capacity boost;
- plants protection from a wide range of disease agents without habituation effect;
- enhanced tolerance to negative natural factors and pesticide impact;
- balanced micro- and macro-elements rich nutrition of plants, hormones and vitamins supply, development improvement and ripening rates acceleration;
- products chemical composition enhancement (nitrates content decrease; proteins and fibrin content increase);
- 10-30% crops yields increase;
- 15-30% mineral fertilizers, pesticides and microelement consumption cut;
- soil fertility enhancement.

Maximal protective and growth-stimulation effect can be achieve combining pre-plating seeds treatment with plants spraying during vegetation

Biocomplex-BTU® use

Biocomplex-BTU® is applied as a water solution. Shake up the preparation toughly before use then dissolve the rated amount of Biocomplex-BTU® in the required volume of water in line with the recommended consumption rates (see Table).

To enhance Biocomplex-BTU® effect, add biopreparation Liposam®, which promotes Biocomplex fixation on the treated seeds and plants.

Biocomplex-BTU®-r can be applied with other crop-protection agents (herbicides, insecticides, fungicides) and microelements.

When using Biocomplex-BTU® together with Liposam®, chemical protection agents and micro-elements, all the components are added in the following order: chemical agents, micro-elements, other preparations, Liposam®

solution and finally Biocomplex-BTU® after careful mixing. In this case the chemical agents and micro-elements consumption rates are cut respectively by 30-50% and 30%.

***Biocomplex-BTU® solution is prepared on the day of treatment!
If needed store the solution in a cool dark place no longer than for 4 hours!***

Pre-planting seeds treatment and plants spraying

Seeds are treated by the prepared solution (see Table). The treated seeds are sowed immediately or dried in the shadow and used over the span of 24 hours.

Plants are sprayed 2-3 times during vegetation period. To ensure better effect add 7-8kg/ha of carbamide (urea) to the spraying mixture.

Any standard equipment (treaters, seeders, sprayers) from domestic and foreign vendors can be use for seeds treatment and plants spraying.

The treatment should be carried our avoiding direct sunlight in the morning or evening!

Table - Biocomplex-BTU® consumption rates

Agricultural crop	1 tonne of seeds treatment		1 ha of planting praying	
	Biocomplex-BTU®, l/t	Solution volume, l	Biocomplex-BTU®, l/ha	Solution volume, l
Cereal: wheat, rye, barley, oats, millet, corn. Buckwheat	1.0-2.0	7-15	0.3-0.8 *	100-300
	1.5 – 2.0	20-24		
Legumes: Beans, lentil, haricot, chick-pea, peavine, etc.	1.0-2.0	5-10	0.25-0.50	
Technical crops: rape, sunflower, poppy, mustard, etc.	3.0-6.0	10-15	0.35-0.70	
	Fiber flax, hemp, etc.			
Sugar beet	3.0-6.0			

Note:

****The recommended consumption rate for spraying winter wheat during vegetation accounts for 0.3-0.5 l/ha.***

Precautions:

Biocomplex-BTU is non-toxic for humans, animals and insects! Wash off the preparation if contacting skin or eyes.

Storage:

Biocomplex-BTU® is stored in hermetically sealed package in the light-protected place.

Guaranteed storage life from the production date:

12 months at 4 °C to 10 °C temperature or 6 months at 10 °C to 15 °C temperature.

State registration certificate: series A # 03133

Producer:

Private company BTU-Center, Ukraine, 24321, Vinnytsa region, town Ladyzhyn, Budivelnykiv Str., 35

tel./fax (04343) 6-44-84, tel. (04343) 6-02-94

Sales and marketing department: tel./fax (044) 594-38-83