

APPLICATION INSTRUCTION STUBBLE BIODESTRUCTOR

(Biocomplex-BTU®)

for acceleration of stubble and other after-harvesting residues decomposition, soil sanitation and fertility enhancement

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

Composition:

- bacteria antagonistic to plants pathogenic fungi and bacteria;
- phosphate-mobilizing soil bacteria;
- natural endophytic and soil nitrogen-fixing bacteria;
- other useful microflora (lactic acid bacteria, cellulose and other enzymes producers);

- bio-fungicides, phytohormones, vitamins, amino acids, macro- and microelements.

Intended use: stubble, other crop residues and soil treatment after harvesting cereals, corn, sorghum, vegetables and other crops *immediately before disking*.

Specific effect: In contrast to traditionally applied technology (after-harvesting residues burning or burying) the offered technology with Stubble Biodestructor application:

- eliminates essential crops residues' organics destruction;
- preserves useful microorganisms inhabiting soil and ensures its fertility;
- eliminates development of pathogenic microorganisms and soil pets, which can scale down agricultural crops yields.

Stubble Biodestructor technology advantages: the treated soil is enriched with organics; it gets more friable, has higher water capacity, is better protected against air/water erosion and drying up; it winter it retains more snow and productive water.

Stubble Biodestructor use enables:

- extermination of pathogenic agents getting into soil via crop residues;
- acceleration of crop residues decomposition;
- soil fertility enhancement via: enrichment with nitrogen-fixing, phosphate-mobilizing, bactericide and fungicide microflora, natural vitamins, enzymes, plants growth hormones, amino acids and microelements;
- 10-30% crops yields increase;
- “green” agricultural goods production.

Consumption rates for stubble and soil treatment, per 1ha acreage:

Crop	Stubble Biodestructor, l	Ammonium nitrate* or urea, kg	Water, l
1. Sunflower (dry mass)	2.0-3.0	30.0	300.0
2. Cereal (wheat, rye, barley, oats, millet), dry mass	1.5-2.0	15.0	
3. Corn (dry mass)	1.0-1.5	10.0	
4. Legumes (haricot, pea, beans, soya, etc.), dry mass	0.8-1.0	5.0	
5. Green manure:			250.0
- mustard, clover, etc. (except legumes)	1.0	10.0	
- legumes	1.0	-	
- grain legumes mixture	1.0	3.0-5.0	

* Ammonia nitrate amount is adjusted depending on nitrogen content in crop residues

Stubble, soil treatment order

1. Prepare the working solution for 1ha acreage: dissolve 3-90kg of ammonia nitrate or urea in 250-300 l of water.
2. Then add the rated amount of Stubble Biodestructor to the solution and stir it up thoroughly.
3. Treat the stubble acreage uniformly with the ready working solution in the morning or evening.
4. The treated acreage should be preferably disked immediately after the treatment; avoid exposing the preparation on soil to the direct sunlight.

The working solution should be prepared immediately before treatment!

The treatment should be carried out avoiding direct sunlight in the morning or evening preferably when the weather is windless!

Biocomplex-BTU® (Stubble Biodestructor) complies with sanitary and hygienic norms, does not contaminate environment.

Wash off the preparation if contacting skin or eyes.

Storage:

The preparation 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:

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