



EKO - SP

organomineral
degradator

ECO-PURE PRODUCT

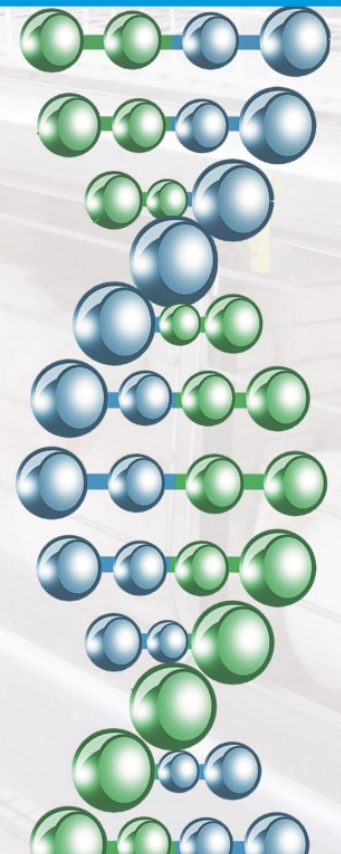
BIRD DROPPING
CONVERSION FROM THE 3d
HAZARD CLASS TO THE 4th
CLASS WITHIN **72 HOURS**

COMPLETE ODOR REMOVAL
WITHIN 48 HOURS

TECHNOLOGY IS BASED ON ACCELERATED
BIOCONVERSION BY «EKO-SP» ECOLOGICALLY
PURE ORGANOMINERAL DEGRADATOR

INNOVATIVE MICROBIOLOGY

- 1 Removes unpleasant odor
- 2 Reduces the cost of recycling
- 3 Preserves nutrients
- 4 Forms a new model of continuous litter recycling technology



«EKO-SP» ORGANOMINERAL DEGRADATOR IS

A COMPLEX MICROBIOLOGICAL PREPARATION WITH HIGH LEVEL OF HUMIC COMPOUNDS, MICRO/MACROELEMENTS, AMINO ACIDS, HAVING HIGH OXIDATION-REDUCTION REACTIONS AND MICROBIAL CONSORTIUM, WITH PRONOUNCED NITROGEN-FIXING PROPERTIES.

BENEFIT OF USE:

ECONOMICAL BENEFIT

- 1 Litter utilization is cheaper by 664 rub/ton according to the Decree of the Government of the Russian Federation No. 913 of 13.09.2016 "On payment rates for a negative impact on the environment".
- 2 Possibility to plan and implement at once the litter mass with 3 persons involved
- 3 Saving of man-hours and equipment
- 4 Cost savings for purchasing moister-absorbing materials (peat, straw, sawdust)
- 5 Reduction of technological processes for mass utilization
- 6 No need for maintenance costs on the composting site
- 7 Prime product cost reduction
- 8 Production of commercially attractive and eco-pure fertilizer

ECOLOGICAL BENEFIT

- 1 Conversion of organic mass into the 4th hazard class
- 2 Unpleasant odor removal in the territory
- 3 No need for storage spaces
- 4 Reduced pollution and environmental emissions
- 5 Sufficient increase of beneficial microflora in the organic litter mass and tenfold reduction of pathogenic microflora
- 6 Preservation of nitrogen and other nutritious elements



COMPOSITION:

- Microorganisms and its metabolic products;
- Enzymes; Ferments; Peptides; Amino acids;
- Bacteria - antagonists of pathogenic species of fungi and bacteria;
- Phosphorus - and potassium-mobilizing soil humic bacteria;
- Natural endophytic and soil nitrogen-fixing bacteria;
- Humic acids;
- Macro- and microelements



PACKING: 10 LITERS

- ▶ TR 20.14.33-001-19354396-2017
- ▶ Certificate of Conformity № ESTD1.B002.A0241
- ▶ Statement of the Federal Service for Veterinary and Phytosanitary Surveillance № ФС-НВ-2/247
- ▶ Environmental Compliance Certificate CEP (2603)-Г-549/ОС-51

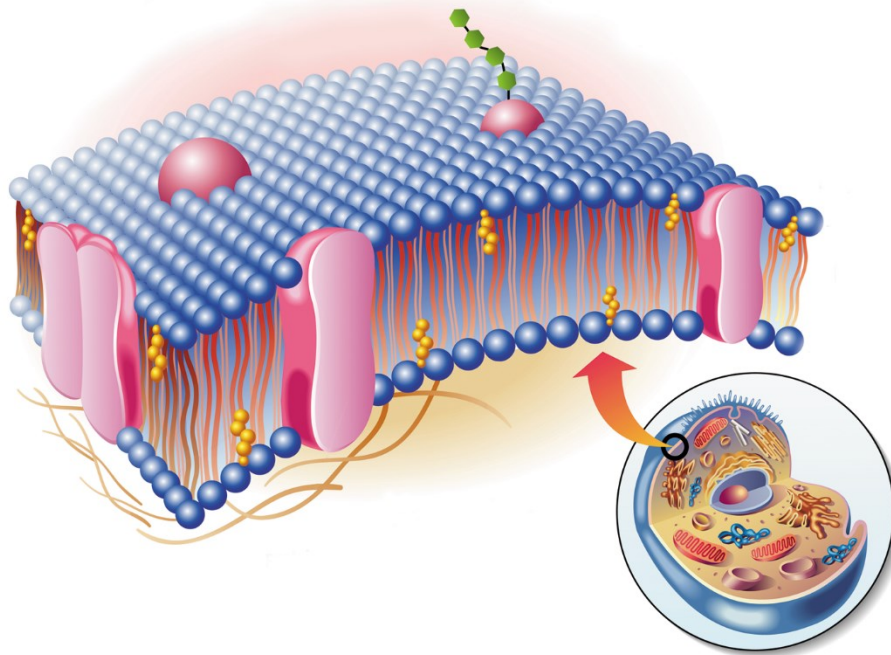


Accelerated bioconversion is a transfer of fresh bird dropping from the 3d hazard class to THE 4th class at minimum labor, time and financial costs, while retaining the maximum possible beneficial properties of the mass as a raw material for the production of fertilizers.



The **PURPOSE** is to provide poultry farms with a low-budget solution that gives the highest quality result in reducing the material and labor costs in litter utilization.

BASIC PRINCIPLES OF ACCELERATED BIOCONVERSION



Mixed with an organomineral degradator
(with high redox potential)

Forms aerobic and anaerobic groups of microorganisms
(with hydrolytic exoenzymes)

Starts a complex process of organic conversion
(due to the simultaneous flow of two multidirectional processes)

MICROBIOLOGICAL TRANSFORMATION

The technology of accelerated bioconversion using “EKO-SP” organomineral degradator is **applied independently**, and can also be **successfully integrated** into litter utilization technologies provided in the Information-technical reference book for best available technologies “Intensive Poultry Breeding”

The technology of accelerated bioconversion with the use of “EKO-SP” organomineral degradator is a new way to improve the efficiency and implementation of production reserves for the poultry business.