

# Ecoster<sup>®</sup>

MANAGE THE DECOMPOSITION OF PLANT RESIDUES

**3 mln ha**

are treated with Ecoster  
in 14 countries annually

**90 %**

of farmers see the positive  
result after application

**100+ \$/ha**

of average increase  
after Ecoster application



- Decomposes crop residues effectively
- Balances soil microflora
- Enriches organic matter and available elements of plant nutrition
- Increases crop yield
- Enhances soil C-capture processes
- Available in liquid and dry forms

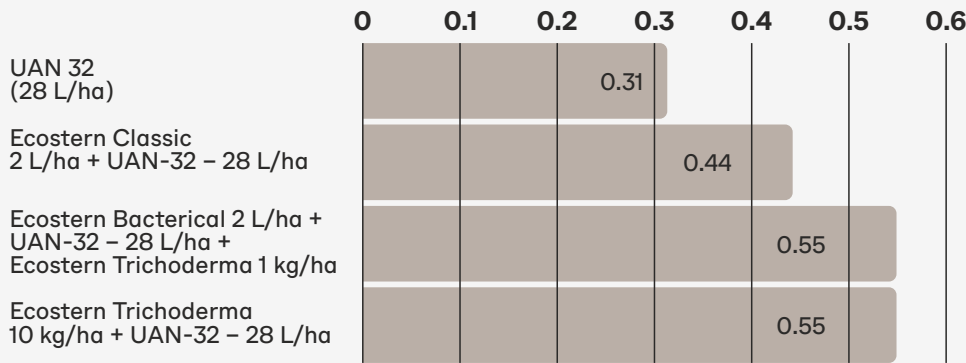
### Ecostern Classic, SC

### Ecostern Premium, WP

Active ingredients	Titre	Shelf life
8 strains of the genus <i>Bacillus</i> , <i>Paenibacillus</i> , <i>Priestia</i> , <i>Enterococcus</i> , <i>Agrobacterium</i> and 2 strains of fungi of the genus <i>Trichoderma</i> .	1.0 × 10 <sup>9</sup> CFU/ml	12 months at a temperature of 2 °C to 6 °C or 6 months at a temperature of 6 °C to 10 °C
Complex of different live microorganisms (of fungi and bacteria) <i>Bacillus</i> , <i>Paenibacillus</i> , <i>Priestia</i> , <i>Agrobacterium</i> , <i>Trichoderma</i> spp, mineral salts of trace elements, sugar, molasses, corn extract, yeast and water.	1.0 × 10 <sup>8</sup> CFU/mg	18 months at 4 °C to 10 °C or 12 months at 10 °C to 25 °C

## ECOSTERN EFFECT ON SOIL LABILE CARBON ACCUMULATION

### Labile carbon content in the soil, % (2020 - 2023 trial)



**0.19%**

Average increase of soil labile carbon content

**~6000 kg**

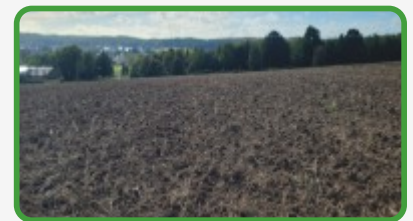
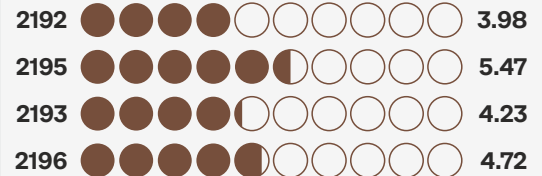
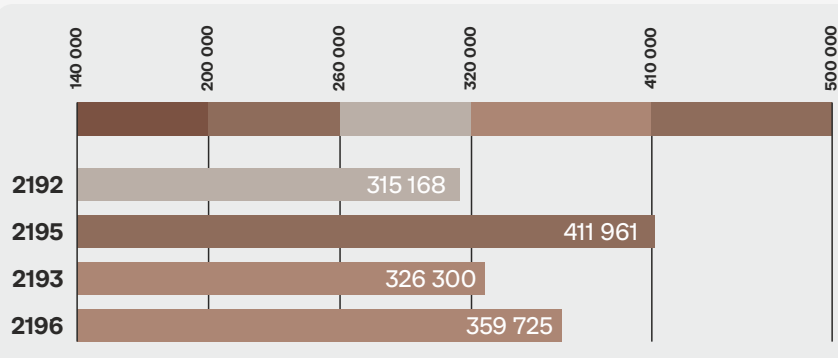
Of organic compounds per ha

**~8300 kg**

Of accumulated CO<sub>2</sub> per ha

### BIOTREX. ECOSTERN. ENZYMATIC ACTIVITY AND BIODIVERSITY IN REGENERATIVE FARMING, 2023

Location: **Germany** Date of soil samples: **22.11.2023** Type of analysis: **BIOTREX 31/95**

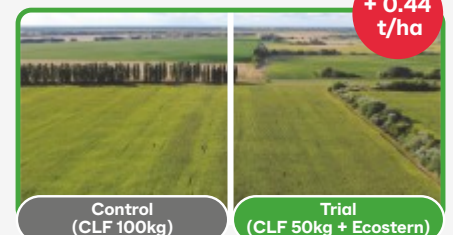


Sample	Sample name	Sample	Sample name
2192	Bangert: Haus Feld Control	2193	Bangert: Feld 2 Control
2195	Bangert: Haus 1 Ecostern 1.5 L	2196	Bangert: Feld 2 Ecostern 1.5 Kg (trocken)

### ECOSTERN SC trial on corn with decreased rate of CLF\*

Location: **Ukraine**  
Study crop: **corn**  
Previous crop: **sunflower**

Application method	Basic tillage
Application rate	1.5 l/ha
Trial yield	9.80 t/ha
Control yield	10.24 t/ha
Increase to control	<b>+0.44 t/ha</b>



The product complies with EU Regulations No. 2018/848 (verified by Organic Standard). Listed in the input list for organic farming in Germany by FIBL.

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