

## EIP-AGRI practice abstract

### Short title:

**Organic soil improver from chicken manure by “Eraspo” process**

### Summary:

GREENLAND is an organic fertiliser made of composted poultry manure. The composting takes place in a controlled batch process, using forced aeration. Temperature and moisture content are constantly monitored. It contains natural trace elements, readily absorbable organic material and nutrients. GREENLAND stimulates the microbial soil life, which considerably improves the soil structure.

GREENLAND is produced in compliance with Regulation (EC) 1069/2009 approved composting plant with registration number NL7348. This product complies with NFU 44051 and Regulation EU 2019/1009 as PFC organic fertilizer and PFC soil improver.

The average analysis is as follows, approx.: Bulk density: 650 kg / m<sup>3</sup>; Dry matter: 55%; Organic matter: 41%; C/N: 11,5; Nitrogen (N): 20 kg/t; Phosphorus (P<sub>2</sub>O<sub>5</sub>): 20 kg/t; Potassium (K<sub>2</sub>O): 20 kg/t; Magnesium (MgO): 7,5 kg/t; Calcium (CaO): 50 kg/t; Sulphate (SO<sub>3</sub>): 10 kg/t.

GREENLAND is a natural product. Agronomic values may vary slightly. The average values were calculated based on various analyses.

The user costs are around € 30,00 - 70,00/ha (excl. transport costs). The product can be applied in open field cultivation. Recommended crops are: Grains, Rape, turnip rape, sunflower seeds and soya, Root crops and plants harvested green from arable land by area, Fresh vegetables, Permanent crops. Advised application doses vary from 3-5 t/ha.

#### Benefits

The organic matter is readily absorbed by the soil and it has a high dry matter content.

GREENLAND contains natural trace elements in the soil and does not contain sand, soil, weed seeds and pathogens. Due to the high dry matter content and it is easily spreadable using a manure spreader.

For more information: [https://nutriman.net/farmer-platform/product/id\\_452](https://nutriman.net/farmer-platform/product/id_452)