

## PELLET ORGANIC FERTILIZER BASED ON PLANT BIOMASS DIGESTATE



*organic • plant based • biofertiliser • high safety • slow release*

### Key facts:

- **Product Category:** organic solid fertiliser.
- **Input material:** plant biomass, fruit pomace, cereal silage.
- **General appearance:** pellet.
- **Nutrient Content (N-P-K %):** 1.5-0.2-0.6. OM 88%.
- **Product status:** introduced to market.
- **Limitation of application:** no technical limitations.
- **Permit availability:** MS market permit 594/19, MS permit for organic agriculture NE/506/2019
- **Geographical area:** EU27
- **Price range:** 8 EUR/5kg for retail customer.



### Summary:

**PLANTEO pellet is an organic fertiliser for organic, low input and conventional agronomic and horticulture application.** The fertiliser is an **environmentally safe innovative fertilizer with multiple applications**, including open fields, gardens, greenhouses, lawns and home applications. It is 100% based on plant feedstock and digested in a modern agricultural biogas plant in Koźanówka, PL. Due to plant origin, it is free of hormones and antibiotics. High organic matter content >80%. The fertiliser improves SOC content and soil structure. Nutrients are slowly released from pellets. PLANTEO contains a natural microbiome, including endophytic bacteria (*Bacillus subtilis* and *Pseudomonas fluorescens*) naturally originating from the digestate, producing beneficial phytohormones. **MS Authority permitted for use in conventional and organic agriculture.**

### How to use:

- **Type of farming:** organic, low input, conventional.
- **Cultivation methods:** open field, greenhouse, garden, home.
- **Recommended crops:** fresh vegetables, fruits, flowers, lawns
- **Application doses:** 1 kg/m<sup>2</sup>

### Contact

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### Key product features:

- **HIGH ORGANIC MATTER CONTENT:** >80% of dry matter
- Pellet formulation.
- 100% plant origin.
- Slow release nutrients
- **Pure** – very low contaminants

### Key product benefits:

- Produced from **renewable agricultural resources**.
- Provides **organic matter to soil**.
- Produced in a process reducing GHG emissions.
- Multiple application variants in horticulture and agriculture.
- No water pollution risk due to slow release of nutrients.
- **Fully organic certified**.
- **Safe to use** – very low contaminant loads.

### Competitive position and advantages:

Produced from natural products using natural process producing renewable energy, without harm to the environment and CO<sub>2</sub> emissions. Planteo fertilizer acts comprehensively and effectively due to macro and microelements and natural microbiome that stimulates plant growth. The fertilizer contains over 80% of organic substances of plant origin, improving soil quality and structure. Planteo does not contain hormones and antibiotics and it is produced without addition of chemicals. They are safe for children, animals and bees and do not cause allergies. Digestate originating endophytic bacteria produce phytohormones, stimulate growth, protect against pathogens and pests and increase their resistance to weather stress. Permitted for conventional and organic production.

