

COMPOST AS SOIL IMPROVER FROM GREEN WASTE BY TUNNEL COMPOSTING



compost • carbon rich • soil improver • stabilized • slow acting

Key facts:

- **Product Category:** organic soil improver.
- **Input material:** selectively collected biodegradable green materials – grass and leaves.
- **General appearance:** compost with loose structure.
- **Nutrient Content (N-P-K %):** maximum content 1.5-0.6-1.5. OM 31%.
- **Product status:** introduced to market.
- **Limitation of application:** no technical limitations.
- **Permit availability:** MS Authority permit numbers: G-678/17 (Kompo Master 1) and G-701/17 (Kompo Master 2).
- **Geographical area:** Poland.
- **Price range:** 2.5 €/t.



Summary:

Kompo Master 1 and Kompo Master 2 are produced in a process of tunnel composting of selectively collected green waste – grass and leaves. They differ with grass to leaves proportion and are produced in different parts of the season. It is carbon rich soil improver recommended for a wide range of crops, lawns, horticultural applications and land reclamation. The product has a loose structure and is sieved through 2 mm after composting. The product is environmentally safe, high sanitary quality, stabilized with slow release nutrients, without chemical additions. Improves soil structure, soil water retention and organic matter content. MS Authority permitted.

How to use:

- **Type of farming:** conventional.
- **Cultivation methods:** open field.
- **Recommended crops:** Wide range of crops, energy crops, lawns, flowers.
- **Application doses:** 15 t/ha.

Contact

Name: Bartosz Gogol

Company: MASTER - ODPADY I ENERGIA Sp. z o.o.

Web:
www.master.tychy.pl/index.pl.html

e-mail: biuro@master.tychy.pl



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Key product features:

- High organic matter content >30% and multi nutrient (P, K, Mg)
- Produced in tunnel composting.
- 100% green waste origin.
- pH 7.0-8.0.
- free of pathogens.
- stabilised with slow nutrient release
- 2 mm sieved.
- produced all year round.

Key product benefits:

- Produced fully from renewable materials - selectively collected green waste.
- Supplies soil with organic matter and nutrients.
- Improves soil water retention and soil structure.
- Low cost.
- Applicable for a wide range of crops and uses.
- Composted in tunnels with controlled GHG emissions.
- Safe to use – slow release, low contaminants and pathogen free.

Competitive position and advantages:

Produced from natural and selectively collected resources. It is produced in modern and fully controlled composting process and with a maturation phase enabling full stabilisation of the product. The Kompo Master soil improvers are fully market available all year round since the technologies are adjusted to feedstock availability and proportion. They improve soil structure, water retention and provide nutrients and carbon to soil. Compost stabilisation enables slow release of nutrients. MS permitted for conventional agriculture, horticulture and land reclamation. Approved by scientific institutes as safe for humans, animals and the environment.

