

Technical Product Declaration for Symactiv Pellet

Product Name: Symactiv Pellet

Active Ingredients: Active green manure microbial tea, fermented grain substrate, biochar, minerals.

Dry Matter Content (DM): 89.4 %

Organic Matter: 77.2 % MS

pH: 6.0

Application Rate: Apply 200g per square meter or one handful per plant pot. Mix lightly and bury in the topsoil layer.

Environmental Impact: This product regenerates soil microbiology and stores carbon in the soil, enhancing soil biodynamics and increasing plant nutrient uptake. It aims to restore degraded soils, sequester large amounts of carbon, and create climate-resilient soils.

Safety Information: Keep out of reach of children. Do not ingest.

Manufacturer: Symactiv

Certifications: Currently under testing with FiBL and OFAG. No certificates available at this time. All ingredients are fully biodegradable and sourced from natural materials and waste streams.

Declaration: This product innovates in soil fertilization to maximize biodynamics and increase nutrient absorption by plants, leading to improved yield, water retention, and soil life.

Nutrient Content:

- Total Nitrogen: 6.5 g/kg DM
- Phosphorus (P₂O₅): 4.1 g/kg DM
- Potassium (K₂O): 6.6 g/kg DM
- Calcium (Ca): 13 g/kg DM
- Magnesium (MgO): 6.5 g/kg DM

C/N Ratio: 59.5

Heavy Metals:

- Lead (Pb): 6 g/t DM
- Cadmium (Cd): 0.1 g/t DM
- Copper (Cu): 9 g/t DM
- Nickel (Ni): 9 g/t DM
- Mercury (Hg): <0.1 g/t DM
- Zinc (Zn): 40 g/t DM

