

# Synthetos<sup>®</sup>

Geolife<sup>®</sup> technology

**Natural solution to optimize the composting of garden and kitchen waste, for use on no more than 3m<sup>3</sup>**





## **A Swiss company with more than 30 years of international presence.**

BIOMA is a company active in the production and marketing of "Chemical free" and "GMO free" solutions for the food industry, oenology, agriculture, environmental bioremediation, zootechnics and animal and human well-being.

Our products optimize all biological processes through indigenous microbiology and make it possible to reach an optimal balance in the targeted biomass. We seek to minimize the environmental impact within each structure.

The purpose of BIOMA solutions is to optimize production while guaranteeing economic sustainability.



GMO-free



Chemical-free



Risk-free

## **Geolife<sup>®</sup> technology** **An innovative manufacturing and patented process.**

Geolife<sup>®</sup> is a technology for the extraction and stabilization of organic compounds allowing the activation of our products. This technology makes our products unique, easy to use and safe for the user, animals and the environment.

# Synthetos®

## Bio-enzymatic complex specifically designed for composting

Synthetos® can accelerate the transformation of vegetable waste into quality compost and helps microbial bioremediation.

### OBJECTIVES

**Making nutrients available**

- Optimization of composting processes
- Odorless and leachate-free composting

**Activating proper microbiology**

- Stimulation of aerobic and anaerobic microbial processes, which increases the waste decomposition rate within a shorter span
- Rapid mineralisation, humification and complete maturation of compost within 4-6 month

**Foster soil structuration**

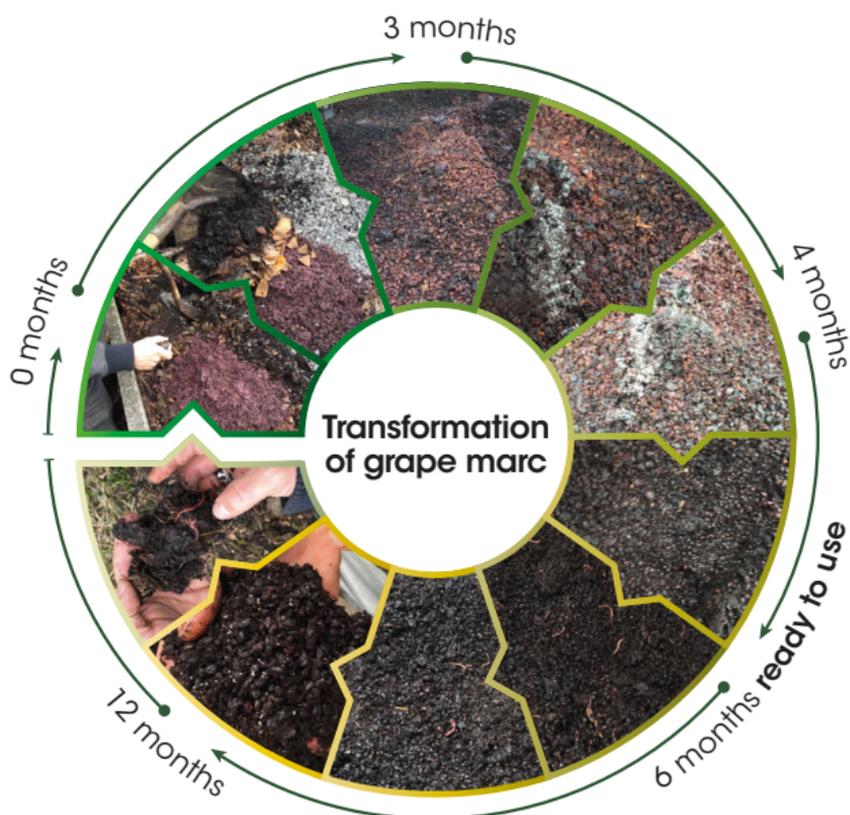
- Acceleration of the degradation of lignin and cellulose in the treated material
- Improvement of the quantity of nutrients immediately available

Into the compost





## Examples: Transformation of grape marc



## Processing of pruning residues

Outside



Inside



## Processing and conservation:

Closed packaging, can be stored for 2 years in a dry and dark room between 10°C and 43°C. Opened packaging, can be stored for 3 months at room temperature and in a dark place (if properly closed and protected from humidity).

## Composition:

### Synthetos®

Dried selected microorganisms cultures in a cereal and talc substrate.

## Compliance:

Synthetos® is permitted for organic use in accordance with EU Regulation 2018/848.

The Synthetos® range includes only organisms that are naturally present in nature and non-hazardous (WHO Class 1) and is totally free of genetically modified organisms (GMO free).

In the EU, the principles of the GHS are ratified in the EU-1272/2008 (CLP) regulation. In accordance with this regulation, the Synthetos® range does not require classification or labelling according to its physicochemical properties, its effects on the health and safety of the environment and does not require a safety data sheet.

Manufacturer

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