



## MANTILLO BURÉS

The preservation and maintenance of the environment in which we live play a very important role in our life quality. This is why green areas are becoming larger in urban areas.

**MANTILLO BURÉS** is a mixture of vegetal components designed to satisfy the needs of professional gardening. The high quality and its easy use are the two main characteristics of **MANTILLO**. Its balanced physical and chemical properties make its direct application possible on a wide range of crops.

It is especially recommended for gardening and horticultural use, as an organic amendment component of substrates, soil improver, mulch or seed coverer.

### properties

**MANTILLO** is made through the aerobic composting of leaves, pine bark, crushed seeds and pruning rests.

Its main physical and chemical properties are shown on the table below:

PARAMETER	UNIT	VALUE
HUMIDITY (Mín-Máx)	% m/m.	25-40
pH	-	7,0 - 8,0
CONDUCTIVITY	dS/m	1,5 - 2,5
ORGANIC MATTER	% s.m.f.	30 - 35
TOTAL NITROGEN	% s.m.f.	1,3
ORGANIC NITROGEN	% s.m.f.	1,1
ORGANIC CARBON	% s.m.f.	20,5
HUMIC ACIDS	% s.m.f.	6,0
C/N	-	17
Heavy metal	Class	A
E. COLI	u.f.c / g	< 3,0
GRANULOMETRY	-	< 10mm
SALMONELLA		NONE

The heavy metals content is lower than the authorized limits for this classification (A).

Through the composting process the material is cleansed, as it reaches 70°C for a whole hour, which ensures the elimination of all odours, adventitious smells and weeds.

**MANTILLO** is sieved at an homogenous, <16mm granulometry

The whole production process, as well as the final product, is under our strict quality controls, based by Normas ISO-9001 y 14001, with the aim of ensuring customer's satisfaction and environmental respect in all our activities.

### applications

**MANTILLO** is applied before plantation, mixing it with the soils' surface, or on old cultivations, adding it to the surface. It increases the organic matter percentage and brings nutrients to the soil.

Its balanced composition allows for use in the following crops:

CULTIVO	DOSE
FRUTA	2.000-2.500 kg/ha
CITRIC	2.000-2.500 kg/ha
HORTICULTURE	2.000-3.000 kg/ha
OLIVES	500-750 g/cepa
GARDENING	50 kg/100m <sup>2</sup>
GRASS	25 kg/100m <sup>2</sup>

It is recommended to use **MANTILLO** to improve the soils' fertilization, spreading it first over the plant and then burying some 10-25cm deep,

It's also used as a substrate, on its own or mixed, and as mulch to protect seeds and roots.

Effects of **MANTILLO BURÉS** on the soil:

- Activates and stimulates the microorganisms Diversity on the soil, promoting vegetal growth and eliminating pathogens.
- Brings organic matter, so that humus can be formed, which is a natural soil fertilizer.
- Improves physical and Chemicals properties of the soil, as well as its porosity, water retention and structure.
- Its mineralization brings nutrients to the plants