

Pasteur (Thermo) Mulch

All soils can benefit from protection from extreme weather. Covering soils with Worm Tech Pasteur Mulch will add the protective layer soils require to reduce degradation from high temps, wind and rain erosion, while providing a place of refuge for all micro-organisms.

Benefits

- Reduce soil temperature.
- Suppress weeds.
- Increase soil carbon.
- Reduce water evaporation.
- Great home for biology to live in.

Made From

Worm Tech Pasteur Mulch is comprised of mainly garden organics and cotton trash organic material. The Mulch has been pasteurised through aerobic and thermophilic processes to kill any weed seed and potential pathogens.

Application

Suited to belt spreader application

Tree Crops and Viticulture	Landscape and Garden
<ul style="list-style-type: none">• Apply 50-100t/ha banded under row.	<ul style="list-style-type: none">• Apply 100-200mm over soil in spring.

Pack Sizes

- 1 tonne bulka bag
- Bulk



Analysis

Compost Blend 815	Product Analysis	Application Rate	
		1000	Kg/ha
Nitrogen (N)	1.5%	15.47	kg/ha
Phosphorous (P)	0.3%	3.49	kg/ha
Potassium (K)	0.8%	8.33	kg/ha
Sulphur (S)	1.0%	9.79	kg/ha
Calcium (Ca)	6.9%	69.20	kg/ha
Magnesium (Mg)	0.5%	5.00	kg/ha
Carbon (C)	17.0%	170.00	kg/ha
Silicate (Si)	0.0%	0.00	kg/ha
Iron (Fe)	0.9%	8.98	kg/ha
Zinc (Zn)	19.64 ppm	196.35	g/ha
Manganese (Mn)	25.25 ppm	252.45	g/ha
Copper (Cu)	4.42 ppm	44.20	g/ha
Boron (B)	2.92 ppm	29.24	g/ha
Molybdenum (Mo)	0.09 ppm	0.85	g/ha

This is a typical analysis w/w dry basis. Bulk density 0.9-1.0. Moisture typically 20-30% as per AS-4454.

For batch specific analysis please ask your agronomist or contact our office.

Soil Temperature

Pasteur Mulch keeps soil temperatures low in the summer and warm in the winter. In summer bare soil can reach over 50C, killing or displacing many biological forms in the top 50-75mm. Mulch covers have proven to reduce soil temperatures by 50%, keeping soils in the ideal temperature zone of 20-24C. On the contrary, keeping soil temps warm in the winter is just as important as keeping soil temps cool in the summer. This ensures soil micro-organisms work at their most efficient and keep crop roots happy.

Durable & Long Lasting

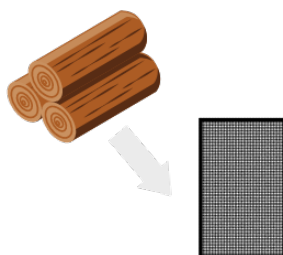
Pasteur Mulch is designed to last up to 2 or 3 seasons. This durability is achieved by only partly composting to maintain the integrity of the organic material. The mulch, while already sterile, with its added durability also helps to keep weeds from germinating underneath applied areas as well.

Full Thermophilic Paturisation & Mulching Process

Garden waste, lawn clippings, tree branches, prunings & cuttings are collected for mulching



Waste is shredded to 150mm, and then screened to <40mm



The shredded waste is pasteurised and turned 3 times



Perfect Garden Mulch produced



Warning

This product is made from recycled materials and contains micro-organisms and potential inorganic contaminants. Wear particulate mask if dusty to avoid breathing dust or mists. Wear appropriate gloves and footwear as a precautionary measure as this product has low risk of containing sharp materials. Remember to wash hands immediately after use. For further information, refer to the material safety data sheet available at wormtech.com.au/certifications.html



For more information, contact Worm Tech on 0429 681 921 or visit wormtech.com.au

All organics recycling enquiries email info@wormtech.com.au

All sales & product enquiries email sales@wormtech.com.au