

Orgro

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HAZARDOUS

COMPOSTS, POTTING MIXES AND OTHER ORGANIC GARDENING MATERIALS

These products are made from organic materials, including composted pinebark, and contains living micro-organisms, including bacteria, fungi and protozoa. May also contain mineral and fertiliser additives.

RISK

Inhalation of dust and/or liquid mists may irritate, inflame or sensitize the nose, throat and lungs resulting in illnesses ranging from hayfever or asthma, to pneumonia (e.g. Legionnaire's disease) or pneumonia-like illnesses. Direct contact with this material or its dust and/or liquid mists (bioaerosols) may cause skin irritation (dermatitis), and skin or eye infection or irritation. People particularly at risk are those suffering from asthma or allergies, and those whose immune defence systems are compromised.

SAFETY

Avoid contact with eyes and skin.

Avoid breathing dust and/or liquid mists (bioaerosols).

Wear suitable protective clothing and standard duty gloves (*AS/NZS 2161.2*).

If exposed to dust and/or liquid mists, also wear dust resistant eye protection (*AS/NZS 1336*) and particulate respirator (*AS/NZS 1715 and AS/NZS 1716*).

Wash thoroughly immediately after handling.

Wash work clothes regularly.

Clean up by wet sweeping or vacuuming.

Store these products in a cool location.

FIRST AID

Irrigate eyes with plenty of water for 10 minutes.

Wash skin with soap and water.

Seek medical attention for any persistent skin, eye or respiratory symptoms.

DISPOSAL

Follow above safety precautions and collect in containers for disposal as trade waste in accordance with local authority guidelines.

MANUFACTURER Orgro

For further information refer to the Product Data Sheets for these products which is available from Orgro

Extracted from *AS 4419-2003*

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Pasteurised Forest Mulch

Description:	Chipped tree loppers green organics subjected to a minimum of three turns with three consecutive days between each turn with the internal temperature reaching a minimum of 55°C. This process will significantly reduce the number of plant and animal pathogens and plant propagules. Processed to conform to <i>AS 4454 – Coarse Mulch</i> .
Application:	As a mulch 50 to 100 mm thick. Mulch should have at least 70% (by mass) of its particles with a maximum size of greater than 16 mm.
Physical Properties:	Bulk density: approx. 600 kg/cubic metre Size: +15 mm - 35 mm
Chemical Properties:	pH: 5.5 to 7.5
Recycled Content:	100%

Warning: This mixture is made from natural materials which contain a variety of living micro-organisms. Such organisms may, in rare instances, cause respiratory or other infections. Inhalation of the product should be avoided and we recommend **always wash your hands after working in the garden**.

Note: This data is provided for your information. Specifications may change without notice.

Pasteurised Forest Fines

Description:	Chipped tree loppers green organics with a high percentage of leaf matter that has been subjected to a minimum of three turns with three consecutive days between each turn and the internal temperature reaching a minimum of 55°C. This process will significantly reduce the number of plant and animal pathogens and plant propagules. Processed to conform to <i>AS 4454 – Fine Mulch</i> .
Application:	As a fine mulch / soil conditioner 25 to 50 mm thick.
Physical Properties:	Bulk density: approx. 600 kg/cubic metre Size: < 15 mm
Chemical Properties:	pH: 5.5 to 7.5
Recycled Content:	100%

Warning: This mixture is made from natural materials which contain a variety of living micro-organisms. Such organisms may, in rare instances, cause respiratory or other infections. Inhalation of the product should be avoided and we recommend **always wash your hands after working in the garden**.

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Potting Mix

Description:	A mix of sand, composted barks, coal ash and nutrients manufactured to <i>Australian Standard AS 3743</i> .		
Application:	For the culture of a wide range of plants in containers, this mix contains sufficient nutrients to sustain good plant growth for at least one month (begin to use a balanced fertiliser at the end of this period).		
Physical Properties:	Bulk density:	600 kg/cubic metre	
	Size:	< 20mm	
	Air filled porosity:	> 13%	
	Wettability:	< 5 min for 10 ml water	
Chemical Properties:	pH:	5.5 to 7.5	
	Electrical conductivity:	< 1.8 dS/m	
	Nitrogen (ammonium plus nitrate):	> 50 mg/l	
	Nitrogen drawdown index:	> 7	
Recycled Content:	70%		

Warning: This mixture is made from natural materials which contain a variety of living micro-organisms. Such organisms may, in rare instances, cause respiratory or other infections. Inhalation of the product should be avoided and we recommend **always wash your hands after working in the garden**.

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Composted Soil Conditioner

Description: Based on shredded green organics with the addition of recycled gypsum and fowl manure that have undergone controlled aerobic and thermophilic biological transformation through the composting process where the core temperature has been maintained at 55°C or higher for 15 days or longer.

Application: As a **soil amendment** to:-

- Improve soil structure
- Slowly release plant nutrients
- Increase water holding capacity
- Add beneficial micro-organisms

This product must be incorporated into soil. It is not a mulch.

Physical Properties: **Bulk density:** approx. 600 kg/cubic metre
Size: < 15 mm

Chemical Properties: **pH:** 5.5 to 7.5
Phosphorus (total): < 0.1 % dry mass
Nitrogen (total): > 6 % dry matter
Organic Matter: > 25 % dry matter

Recycled Content: 100%

Warning: This mixture is made from natural materials which contain a variety of living micro-organisms. Such organisms may, in rare instances, cause respiratory or other infections. Inhalation of the product should be avoided and we recommend **always wash your hands after working in the garden.**

Note: This data is provided for your information. Specifications may change without notice.

Organic Soil Blend

Description:	A lighter weight soil blend with a high organic matter content manufactured from scrub soil, sand, compost, peanut shell and feedlot manure manufactured to <i>Australian Standard AS 4419</i> .	
Application:	As a general purpose garden soil, an amendment to existing gardens or for use in raised planting areas or large landscape containers.	
Physical Properties:	Bulk density:	900 kg/cubic metre
	Size:	< 20 mm
	Air filled porosity:	N/A
	Wettability:	> 5 mm/minute
	Water holding capacity:	N/A
Chemical Properties:	pH:	5.5 to 7.5
	Electrical conductivity:	< 2.5 dS/m
	Organic matter:	10 to 20 %
	Ammonia:	< 200 mg/litre
Recycled Content:	60%	

Warning: This mixture is made from natural materials which contain a variety of living micro-organisms. Such organisms may, in rare instances, cause respiratory or other infections. Inhalation of the product should be avoided and we recommend **always wash your hands after working in the garden**.

Note: This data is provided for your information. Specifications may change without notice.

Garden Soil Blend

Description:	A general purpose soil mix of red soil, sand, compost, minerals, gypsum, and feedlot manure manufactured to <i>Australian Standard AS 4419</i> .	
Application:	In general purpose landscape construction where a heavier soil is required than Organic Soil Blend or in applications where peanut shell is to be avoided.	
Physical Properties:	Bulk density:	1000 kg/cubic metre
	Size:	20 mm
	Air filled porosity:	N/A
	Wettability:	> 5 mm/minute
	Water holding capacity:	N/A
Chemical Properties:	pH:	5.5 to 7.5
	Electrical conductivity:	< 2.5 dS/m
	Organic matter:	10 to 15 %
	Ammonia:	< 200 mg/litre
Recycled Content:	73%	

Warning: This mixture is made from natural materials which contain a variety of living micro-organisms. Such organisms may, in rare instances, cause respiratory or other infections. Inhalation of the product should be avoided and we recommend **always wash your hands after working in the garden**.

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Lawn Top Dressing

Description:	A rich blend of fine washed sand (< 2 mm), feedlot manure , gypsum and scrub soil which will not set hard but still having a very high water infiltration rate.
Application:	Top dressing of actively growing lawns to a thickness of 2 to 5 mm.
Physical Properties:	Bulk density: 1100 kg/cubic metre Size: < 5 mm
Chemical Properties:	pH: 5.5 to 7.5
Recycled Content:	16%

Warning: This mixture is made from natural materials which contain a variety of living micro-organisms. Such organisms may, in rare instances, cause respiratory or other infections. Inhalation of the product should be avoided and we recommend **always wash your hands after working in the garden.**

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Under Turf

Description:	A coarser version of lawn top dressing. This mix comprising sand, scrub soil, gypsum, compost, feedlot manure and ash is well drained and will not compact but still has a high moisture holding capability.
Application:	Under lawns between 50 to 100 mm thick.
Physical Properties:	Bulk density: 1000 kg/cubic metre Size: < 20 mm
Chemical Properties:	pH: 5.5 to 7.5
Recycled Content:	48%

Warning: This mixture is made from natural materials which contain a variety of living micro-organisms. Such organisms may, in rare instances, cause respiratory or other infections. Inhalation of the product should be avoided and we recommend **always wash your hands after working in the garden.**

Note: This data is provided for your information. Specifications may change without notice.

Range Red Soil

Description:	Based on composted red soil with the addition of manure and composted green organics that have undergone controlled aerobic and thermophilic biological transformation through the composting process where the core temperature has been maintained at 55°C or higher for 15 days or longer.
Application:	As a general purpose garden soil that has a lower organic content than Garden Soil Blend. Also as a underlay for turf lawns, especially Kikuyu lawn.
Physical Properties:	Bulk density: approx. 1000 kg/cubic metre Size: < 20 mm
Chemical Properties:	pH: 5.5 to 7.5 Organic Matter: > 15% dry matter
Recycled Content:	100%

Warning: This mixture is made from natural materials which contain a variety of living micro-organisms. Such organisms may, in rare instances, cause respiratory or other infections. Inhalation of the product should be avoided and we recommend **always wash your hands after working in the garden.**

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Gypsum (natural)

Description:	Gypsum is a naturally occurring hydrated calcium sulphate.
Application:	To improve the structure of hard setting and surface crusting soils. Soils with dispersive clays can be ameliorated by adding gypsum to flocculate (stabilize) the clay particles. Add .5 to 1 kg per square metre
Physical Properties:	Bulk density: 1200 kg/cubic metre Size: 90% by volume < 5 mm
Chemical Properties:	Calcium sulphate Ph neutral
Recycled Content:	0%

Warning: This mixture is made from natural materials which contain a variety of living micro-organisms. Such organisms may, in rare instances, cause respiratory or other infections. Inhalation of the product should be avoided and we recommend **always wash your hands after working in the garden.**

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