

Organic Compost

All soils can benefit from a boost in organic matter. Incorporating Worm Tech's Organic Compost will add both organic carbon and micro-organisms to your soil, increasing soil fertility for better, healthier plant growth.

Benefits

- Increases organic carbon in the soil.
- Increases soil friability and aggregation.
- Improves water infiltration and distribution.
- Increases nutrient uptake by plant roots.
- Provides an environment for micro-organisms to flourish.
- Improves plant resilience against disease and extreme conditions.
- More constant soil temperatures - cooler in summer and warmer in winter and spring.



Pack Sizes

- 1 tonne bulka bag
- Bulk

Application

Suited to belt spreader application

Made From

Organic material that has been composted and pasteurised to Australian Standards through aerobic and thermophilic process. Sources include:

- Food organics
- Garden organics
- Commercial and agricultural organic waste streams

It is this combination and variety of different organic materials that creates a high-quality compost.

Tree Crops and Permanent Horticulture	Irrigated Row Cropping and Horticulture	Dryland Broadacre and Pasture
<ul style="list-style-type: none"> • Apply 2-4t/ha annually broadcast or banded. • New plantings apply 5-15t/ha banded in row, bed or mound. 	<ul style="list-style-type: none"> • Apply 2-6t/ha before pulling up hills or beds. 	<ul style="list-style-type: none"> • Apply 1-3t/ha before sowing or before breaking autumn rain.



Analysis

Element	Analysis	2.5t	5.0t	7.5t	10.0t	t/ha
Carbon (C)	18.38%	459.5	919	1378.5	1838	kg/ha
Nitrogen (N)	2.22%	55.5	111	166.5	222	kg/ha
Phosphorous (P)	0.56%	14	28	42	56	kg/ha
Potassium (K)	1.30%	32.5	65	97.5	130	kg/ha
Calcium (Ca)	3.27%	81.75	163.5	245.25	327	kg/ha
Magnesium (Mg)	0.61%	15.25	30.5	45.75	61	kg/ha
Sulphur (S)	0.23%	5.75	11.5	17.25	23	kg/ha
Sodium (Na)	0.25%	6.25	12.5	18.25	25	kg/ha
Chloride (Cl)	0.35%	8.75	17.5	26.25	35	kg/ha
Iron (Fe)	1.09%	27.25	54.5	81.75	109	kg/ha
Manganese (Mn)	326	815	1630	2445	3260	g/ha
Zinc (Zn)	178	445	890	1335	1780	g/ha
Copper (Cu)	52	130	260	390	520	g/ha
Boron (B)	56	140	280	420	560	g/ha
Molybdenum (Mo)	1.2	3	6	9	12	g/ha

This is a typical analysis w/w dry basis. Bulk density 0.6-0.85. Moisture typically 20-30% as per AS-4454.

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

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

Humic & Fulvic Acids

Worm Tech Organic Compost reaches full maturity over an 8-12 week composting process. There is limited volatile nitrogen remaining in the ammonium form that can burn young roots. This long process also produces good levels of stable carbon, like fulvic and humic acids to buffer pH and increase nutrient uptake.

Fungal Dominant

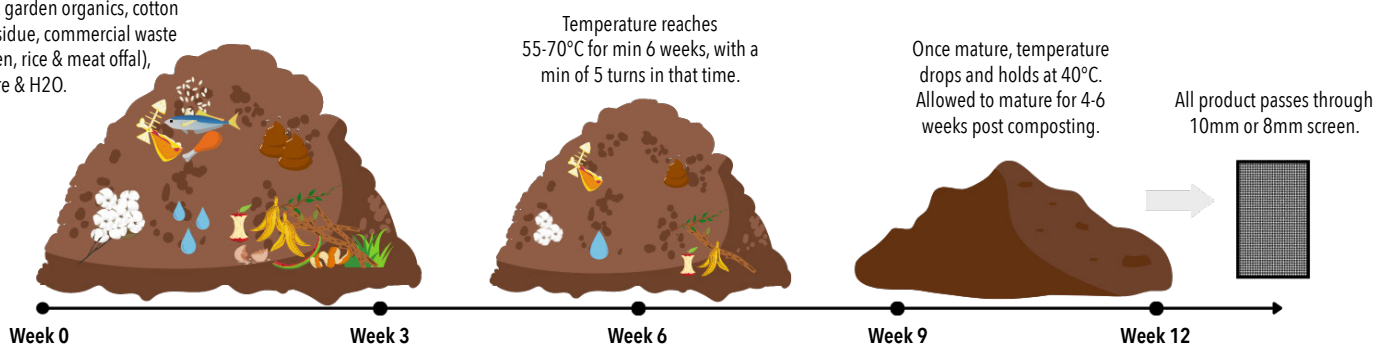
Worm Tech Organic Compost helps bring biological balance to soils by giving seeds, young plants and new roots access to bioavailable nutrients. This provides long term sustenance for any crop and the best chance of success in your farming system.

Available Nutrients

Worm Tech Organic Compost has the full range of nutrients, including trace elements essential for healthy plant growth. Nutrients are released during the breakdown process, providing a "slow release fertiliser" that is ideal for any crop. These nutrients help to supplement any synthetic fertilisers used whilst the high carbon levels in Worm Tech Organic Compost also helps to increase the effectiveness of these fertilisers.

Composting process begins with food & garden organics, cotton gin residue, commercial waste (chicken, rice & meat offal), manure & H₂O.

Full Thermophillic Paturisation & Composting Process



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

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Premium Compost

All soils can benefit from a boost in organic matter. Incorporating Worm Tech's Premium Compost will add both organic carbon and micro-organisms to your soil, increasing soil fertility for better, healthier plant growth.

Benefits

- Increases organic carbon in the soil.
- Increases soil friability and aggregation.
- Improves water infiltration and distribution.
- Increases nutrient uptake by plant roots.
- Provides an environment for micro-organisms to flourish.
- Improves plant resilience against disease and extreme conditions.
- More constant soil temperatures - cooler in summer and warmer in winter and spring.

Made From

Organic material that has been composted and pasteurised to Australian Standards through aerobic and thermophilic process. Sources include:

- Food organics
- Garden organics
- Commercial and agricultural organic waste streams

It is this combination and variety of different organic materials that creates a high-quality compost.

Pack Sizes

- 1 tonne bulka bag
- Bulk

Application

Suited to belt spreader application

Tree Crops and Permanent Horticulture	Irrigated Row Cropping and Horticulture	Dryland Broadacre and Pasture
<ul style="list-style-type: none"> • Apply 2-4t/ha annually broadcast or banded. • New plantings apply 5-15t/ha banded in row, bed or mound. 	<ul style="list-style-type: none"> • Apply 2-6t/ha before pulling up hills or beds. 	<ul style="list-style-type: none"> • Apply 1-3t/ha before sowing or before breaking autumn rain.



Analysis

Element	Analysis	2.5t	5.0t	7.5t	10.0t	t/ha
Carbon (C)	18.38%	459.5	919	1378.5	1838	kg/ha
Nitrogen (N)	2.22%	55.5	111	166.5	222	kg/ha
Phosphorous (P)	0.56%	14	28	42	56	kg/ha
Potassium (K)	1.30%	32.5	65	97.5	130	kg/ha
Calcium (Ca)	3.27%	81.75	163.5	245.25	327	kg/ha
Magnesium (Mg)	0.61%	15.25	30.5	45.75	61	kg/ha
Sulphur (S)	0.23%	5.75	11.5	17.25	23	kg/ha
Sodium (Na)	0.25%	6.25	12.5	18.25	25	kg/ha
Chloride (Cl)	0.35%	8.75	17.5	26.25	35	kg/ha
Iron (Fe)	1.09%	27.25	54.5	81.75	109	kg/ha
Manganese (Mn)	326	815	1630	2445	3260	g/ha
Zinc (Zn)	178	445	890	1335	1780	g/ha
Copper (Cu)	52	130	260	390	520	g/ha
Boron (B)	56	140	280	420	560	g/ha
Molybdenum (Mo)	1.2	3	6	9	12	g/ha

This is a typical analysis w/w dry basis. Bulk density 0.6-0.85. Moisture typically 20-30% as per AS-4454.

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Warning

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Humic & Fulvic Acids

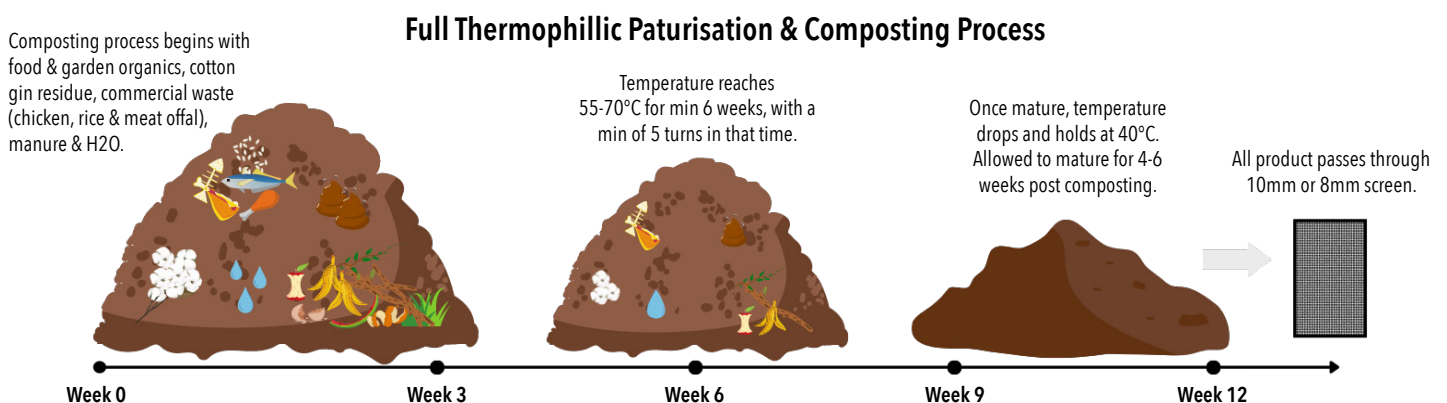
Worm Tech Premium Compost reaches full maturity over an 8-12 week composting process. There is limited volatile nitrogen remaining in the ammonium form that can burn young roots. This long process also produces good levels of stable carbon, like fulvic and humic acids to buffer pH and increase nutrient uptake.

Fungal Dominant

Worm Tech Premium Compost helps bring biological balance to soils by giving seeds, young plants and new roots access to bioavailable nutrients. This provides long term sustenance for any crop and the best chance of success in your farming system.

Available Nutrients

Worm Tech Premium Compost has the full range of nutrients, including trace elements essential for healthy plant growth. Nutrients are released during the breakdown process, providing a "slow release fertiliser" that is ideal for any crop. These nutrients help to supplement any synthetic fertilisers used whilst the high carbon levels in Worm Tech Premium Compost also helps to increase the effectiveness of these fertilisers.



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Compost Blend 442 & 505

All soils can benefit from a boost in organic matter, but some soils require the aid of amelioration products. By incorporating Worm Tech Premium and Premium Organic Compost with Lime and Gypsum we can increase soil fertility for better, healthier plants and improve our soils in one pass.

Benefits

- Ameliorate soil calcium levels for balanced soil.
- Good additions of sulphur and carbon.
- Increases soil friability and aggregation.
- Improves water infiltration and distribution.
- Increases nutrient uptake by plant roots.
- Provides environment for micro-organisms to flourish.
- Improves plant resilience against disease and extreme conditions.



Pack Sizes

- 1 tonne bulka bag
- Bulk

Made From

Worm Tech Composts are made from organic material that has been composted and pasteurised to Australian Standards through an aerobic and thermophilic process. Sources include food, garden, commercial and agricultural organic waste streams.

Compost Blend	442	505
Compost	40%	50%
Lime	40%	0%
Gypsum	20%	50%

It is this combination and variety of different organic materials that creates a high-quality compost. Compost Blend 442 and 505 both contain high amounts of Worm Tech Premium or Premium Organic Compost. Blend 442 has a higher calcium content with 40% lime and 20% gypsum, while blend 505 has a higher sulphur content with 50% gypsum.

Application

Suited to belt spreader application

Tree Crops and Permanent Horticulture	Irrigated Row Cropping and Horticulture	Dryland Broadacre and Pasture
<ul style="list-style-type: none"> • Apply 2-4t/ha annually broadcast or banded. • New plantings apply 5-15t/ha banded in row, bed or mound. 	<ul style="list-style-type: none"> • Apply 2-6t/ha before pulling up hills or beds. 	<ul style="list-style-type: none"> • Apply 1-3t/ha before sowing or before breaking autumn rain.



Analysis

Compost Blend 442	Product Analysis	Application Rate 1000 Kg/ha	
Nitrogen (N)	0.7%	7.28	kg/ha
Phosphorous (P)	0.2%	1.64	kg/ha
Potassium (K)	0.4%	3.92	kg/ha
Sulphur (S)	3.3%	32.84	kg/ha
Calcium (Ca)	18.1%	180.80	kg/ha
Magnesium (Mg)	0.6%	5.88	kg/ha
Carbon (C)	8.0%	80.00	kg/ha
Silicate (Si)	0.0%	0.00	kg/ha
Iron (Fe)	0.4%	4.22	kg/ha
Zinc (Zn)	9.24 ppm	92.40	g/ha
Manganese (Mn)	11.88 ppm	118.80	g/ha
Copper (Cu)	3.64 ppm	20.80	g/ha
Boron (B)	2.41 ppm	24.08	g/ha
Molybdenum (Mo)	0.07 ppm	0.70	g/ha

Compost Blend 505	Product Analysis	Application Rate 1000 Kg/ha	
Nitrogen (N)	0.9%	9.10	kg/ha
Phosphorous (P)	0.2%	2.05	kg/ha
Potassium (K)	0.5%	4.90	kg/ha
Sulphur (S)	8.1%	81.05	kg/ha
Calcium (Ca)	11.6%	116.00	kg/ha
Magnesium (Mg)	0.2%	2.35	kg/ha
Carbon (C)	10%	100.00	kg/ha
Silicate (Si)	0.0%	0.00	kg/ha
Iron (Fe)	0.5%	5.28	kg/ha
Zinc (Zn)	11.55 ppm	115.50	g/ha
Manganese (Mn)	14.85 ppm	148.50	g/ha
Copper (Cu)	2.60 ppm	26.00	g/ha
Boron (B)	1.72 ppm	17.20	g/ha
Molybdenum (Mo)	0.05 ppm	0.50	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.

Lime

The age-old remedy to "sweetening" the soil, lime can be key to keeping some soils productive. This addition of calcium to the soil, through lime, will help to control cations like sodium, magnesium and potassium when they are in excess. This allows for greater availability of calcium to the plant where it is key to cell wall strength, flower fertility and cell division. In addition to this, calcium can play a role in improving soil biology numbers many fold.

Gypsum

Gypsum is terrific at correcting soils particularly those showing sodic constraints. Calcium sulphate is an excellent source of sulphur, which is necessary for chlorophyll and protein formation. It also promotes nodulation in legumes and increases nitrogen use efficiency when applied with or before fertilisers.

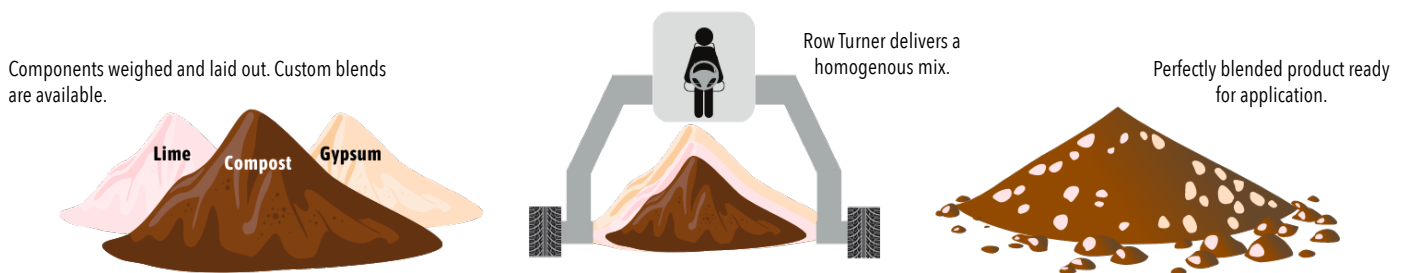
Compost

The combination with compost is the perfect way to deliver lime and gypsum to the paddock. By blending them all together the compost reduces the leaching of sulphur and allows the calcium to be more effective in the soil. This combination delivers a number of bioavailable nutrients and organic carbon at the same time, providing sustenance for any high demanding crop.

Warning

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Compost Blending Process



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Compost Blend 721 & 703

All soils can benefit from a boost in organic matter, but some soils require the aid of amelioration products. By incorporating Worm Tech Premium and Premium Organic Compost with Lime and Gypsum we can increase soil fertility for better, healthier plants and improve our soils in one pass.

Benefits

- Ameliorate soil calcium levels for balanced soil.
- Good additions of sulphur and carbon.
- Increases soil friability and aggregation.
- Improves water infiltration and distribution.
- Increases nutrient uptake by plant roots.
- Provides environment for micro-organisms to flourish.
- Improves plant resilience against disease and extreme conditions.



Pack Sizes

- 1 tonne bulka bag
- Bulk

Made From

Worm Tech Composts are made from organic material that has been composted and pasteurised to Australian Standards through an aerobic and thermophilic process. Sources include food, garden, commercial and agricultural organic waste streams.

Compost Blend	721	703
Compost	70%	70%
Lime	20%	0%
Gypsum	10%	30%

It is this combination and variety of different organic materials that creates a high-quality compost. Compost Blend 721 and 703 both contain 70% Worm Tech Premium or Premium Organic Compost. Blend 721 has a higher calcium content with 20% lime and 10% gypsum, while blend 703 has a higher sulphur content with 30% gypsum.

Application

Suited to belt spreader application

Tree Crops and Permanent Horticulture	Irrigated Row Cropping and Horticulture	Dryland Broadacre and Pasture
<ul style="list-style-type: none"> • Apply 2-4t/ha annually broadcast or banded. • New plantings apply 5-15t/ha banded in row, bed or mound. 	<ul style="list-style-type: none"> • Apply 2-6t/ha before pulling up hills or beds. 	<ul style="list-style-type: none"> • Apply 1-3t/ha before sowing or before breaking autumn rain.



Analysis

Compost Blend 721	Product Analysis	Application Rate 1000	Kg/ha
Nitrogen (N)	1.3%	12.74	kg/ha
Phosphorous (P)	0.3%	2.87	kg/ha
Potassium (K)	0.7%	6.86	kg/ha
Sulphur (S)	1.7%	17.47	kg/ha
Calcium (Ca)	10.6%	106.40	kg/ha
Magnesium (Mg)	0.5%	5.29	kg/ha
Carbon (C)	14%	140.00	kg/ha
Silicate (Si)	0.0%	0.00	kg/ha
Iron (Fe)	0.7%	7.39	kg/ha
Zinc (Zn)	16.17 ppm	161.70	g/ha
Manganese (Mn)	20.79 ppm	207.90	g/ha
Copper (Cu)	3.64 ppm	36.40	g/ha
Boron (B)	2.41 ppm	24.08	g/ha
Molybdenum (Mo)	0.07 ppm	0.70	g/ha

Compost Blend 703	Product Analysis	Application Rate 1000	Kg/ha
Nitrogen (N)	1.3%	12.74	kg/ha
Phosphorous (P)	0.3%	2.87	kg/ha
Potassium (K)	0.7%	6.86	kg/ha
Sulphur (S)	4.9%	49.47	kg/ha
Calcium (Ca)	8.2%	82.40	kg/ha
Magnesium (Mg)	0.3%	3.29	kg/ha
Carbon (C)	14%	140.00	kg/ha
Silicate (Si)	0.0%	0.00	kg/ha
Iron (Fe)	0.7%	7.39	kg/ha
Zinc (Zn)	16.17 ppm	161.70	g/ha
Manganese (Mn)	20.79 ppm	207.90	g/ha
Copper (Cu)	3.64 ppm	36.40	g/ha
Boron (B)	2.41 ppm	24.08	g/ha
Molybdenum (Mo)	0.07 ppm	0.70	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.

Lime

The age-old remedy to "sweetening" the soil, lime can be key to keeping some soils productive. This addition of calcium to the soil, through lime, will help to control cations like sodium, magnesium and potassium when they are in excess. This allows for greater availability of calcium to the plant where it is key to cell wall strength, flower fertility and cell division. In addition to this, calcium can play a role in improving soil biology numbers many fold.

Gypsum

Gypsum is terrific at correcting soils particularly those showing sodic constraints. Calcium sulphate is an excellent source of sulphur, which is necessary for chlorophyll and protein formation. It also promotes nodulation in legumes and increases nitrogen use efficiency when applied with or before fertilisers.

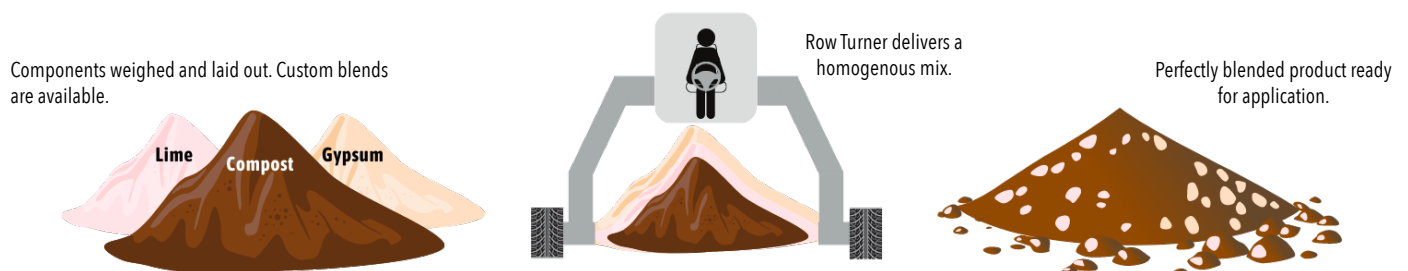
Compost

The combination with compost is the perfect way to deliver lime and gypsum to the paddock. By blending them all together the compost reduces the leaching of sulphur and allows the calcium to be more effective in the soil. This combination delivers a number of bioavailable nutrients and organic carbon at the same time, providing sustenance for any high demanding crop.

Warning

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Compost Blending Process



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Compost Blend 815 & 901

All soils can benefit from a boost in organic matter, but some soils require the aid of amelioration products. By incorporating Worm Tech Premium and Premium Organic Compost with Lime and Gypsum we can increase soil fertility for better, healthier plants and improve our soils in one pass.

Benefits

- Ameliorate soil calcium levels for balanced soil.
- Good additions of sulphur and carbon.
- Increases soil friability and aggregation.
- Improves water infiltration and distribution.
- Increases nutrient uptake by plant roots.
- Provides environment for micro-organisms to flourish.
- Improves plant resilience against disease and extreme conditions.



Pack Sizes

- 1 tonne bulka bag
- Bulk

Made From

Worm Tech Composts are made from organic material that has been composted and pasteurised to Australian Standards through an aerobic and thermophilic process. Sources include food, garden, commercial and agricultural organic waste streams.

Compost Blend	815	901
Compost	85%	90%
Lime	10%	0%
Gypsum	5%	10%

It is this combination and variety of different organic materials that creates a high-quality compost. Compost Blend 815 and 901 both contain high amounts of Worm Tech Premium or Premium Organic Compost. Blend 815 has a higher calcium content with 10% lime and 20% gypsum, while blend 901 has a higher sulphur content with 10% gypsum.

Application

Suited to belt spreader application

Tree Crops and Permanent Horticulture	Irrigated Row Cropping and Horticulture	Dryland Broadacre and Pasture
<ul style="list-style-type: none"> • Apply 2-4t/ha annually broadcast or banded. • New plantings apply 5-15t/ha banded in row, bed or mound. 	<ul style="list-style-type: none"> • Apply 2-6t/ha before pulling up hills or beds. 	<ul style="list-style-type: none"> • Apply 1-3t/ha before sowing or before breaking autumn rain.



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

Compost Blend 901	Product Analysis	Application Rate 1000	Kg/ha
Nitrogen (N)	1.6%	16.38	kg/ha
Phosphorous (P)	0.4%	3.69	kg/ha
Potassium (K)	0.9%	8.82	kg/ha
Sulphur (S)	1.8%	17.89	kg/ha
Calcium (Ca)	4.9%	48.80	kg/ha
Magnesium (Mg)	0.4%	4.23	kg/ha
Carbon (C)	18%	180.00	kg/ha
Silicate (Si)	0.0%	0.00	kg/ha
Iron (Fe)	1.0%	9.51	kg/ha
Zinc (Zn)	20.79 ppm	207.90	g/ha
Manganese (Mn)	26.73 ppm	267.30	g/ha
Copper (Cu)	4.68 ppm	46.80	g/ha
Boron (B)	3.10 ppm	30.96	g/ha
Molybdenum (Mo)	0.09 ppm	0.90	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.

Lime

The age-old remedy to "sweetening" the soil, lime can be key to keeping some soils productive. This addition of calcium to the soil, through lime, will help to control cations like sodium, magnesium and potassium when they are in excess. This allows for greater availability of calcium to the plant where it is key to cell wall strength, flower fertility and cell division. In addition to this, calcium can play a role in improving soil biology numbers many fold.

Gypsum

Gypsum is terrific at correcting soils particularly those showing sodic constraints. Calcium sulphate is an excellent source of sulphur, which is necessary for chlorophyll and protein formation. It also promotes nodulation in legumes and increases nitrogen use efficiency when applied with or before fertilisers.

Compost

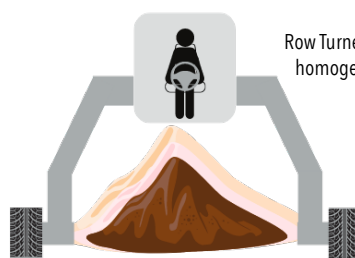
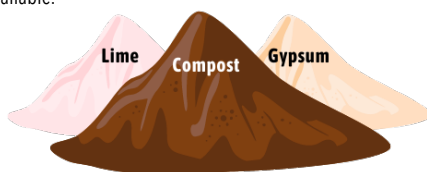
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Warning

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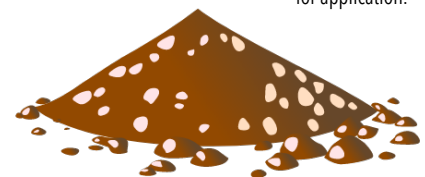
Compost Blending Process

Components weighed and laid out. Custom blends are available.



Row Turner delivers a homogenous mix.

Perfectly blended product ready for application.



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

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Worm Casting & Compost Casting Blend 8020

Worm castings are one of the most potent soil supplements you can get, and it doesn't take much to make a big difference to your soils and crops. Worm castings have many unique properties that can bring nutrition and biology to your soils, while also increasing the number of earthworms.

Benefits

- Delivers bioavailable nutrients to crops.
- Delivers important hormones, enzymes, vitamins and antibiotics for plant health.
- Influences plant growth and development as well as significantly improve crop quality.
- Improves crop yield, fruit size, fruit set, fruit storage, trunk diameters and more.
- Increases the abundance and diversity of beneficial soil micro-organisms.
- Improves plant resilience against disease and extreme conditions.
- Increases soil water and nutrient retention.
- Improves soil texture.



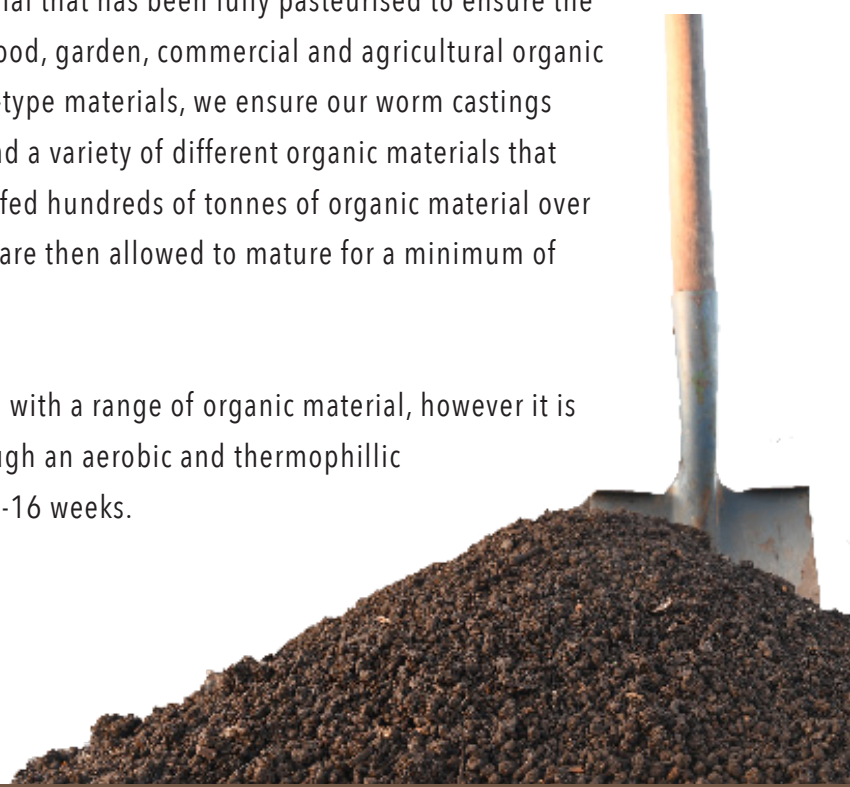
Pack Sizes

- 1 tonne bulka bag
- Bulk

Made From

Worm Tech Worm Castings begin with organic material that has been fully pasteurised to ensure the material is sterilised. The sources of which include food, garden, commercial and agricultural organic waste streams. By incorporating a balance of woody-type materials, we ensure our worm castings have good fungal numbers. It is this combination and a variety of different organic materials that keeps the worms well fed. At Worm Tech, worms are fed hundreds of tonnes of organic material over a period of 6 months before they are harvested and are then allowed to mature for a minimum of 4 months before being screened to 8mm.

Similar to our castings, Worm Tech Compost is made with a range of organic material, however it is completely composted to Australian Standards through an aerobic and thermophilic composting process. This process is completed in 12-16 weeks.



Casting Compost Blend	8020
Compost	80%
Casting	20%

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.

Application

Suited to belt spreader application

Tree Crops and Permanent Horticulture	Irrigated Row Cropping and Horticulture	Dryland Broadacre and Pasture
<ul style="list-style-type: none"> Apply 2-4t/ha annually broadcast or banded. New plantings apply 5-15t/ha banded in row, bed or mound. 	<ul style="list-style-type: none"> Apply 2-6t/ha before pulling up hills or beds. 	<ul style="list-style-type: none"> Apply 1-3t/ha before sowing or before breaking autumn rain.

More Earthworms

Other earthworm species often increase in numbers where worm castings have been applied, which has a number of benefits to both soils and plants. Increasing the number of local earthworms will help increase aeration, water infiltration, nutrient cycling and microbial stimulation in your soils. The benefit of which is an increase in plant available nutrients and the rate of turnover. Additionally, in the earthworm gut, ingested soil particles and organic matter are mixed with water and mucus, and the resulting casting is pH neutral.

Castings Humus

It is the Humus in Worm Tech Worm Castings that gives the soils their characteristic dark chocolatey colour. Humus provides binding sites for plant nutrients, such as calcium, magnesium, iron, potassium, sulphur and phosphorus, holding them in a plant available form ready for crops. Humus is also a key factor for increasing the water holding capacity of soils and insulating plant roots from extreme temperatures.

Ideal Microbial Health

The micro-organisms found in Worm Castings are perfect for plants. The presence of this community in your soil encourages or signals a diversity of micro-organisms to flourish in the soil, including fungi, bacteria, protozoa and beneficial nematodes. These organisms all play a vital role in nutrient cycling and disease suppression.

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

Full Worm Casting Production Process

Worms are fed a range of organic materials for 6 months, breaking down all things organic into castings



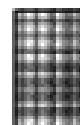
Month 0

After harvesting, worm castings are left for a further 6 months to finish breaking down



Month 6

All product passes through an 8mm screen



Month 12

Finished castings are like a fine wine - it takes time to mature

Month 14



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

Activ8

Worm Tech Activ8 is a microbial diverse and cost-effective soil improver and activator while also performing as a high-quality plant food. Activ8 is derived from worm leachate and worm castings, and is rich in nutrients and loaded with active microorganisms which are essential for plant & soil health.

Soil with a diverse microbial community can cope better with stress, such as extreme heat, frost, and chemical use. Activ8 delivers several beneficial microbes along with biological activators and plant stimulants that help bolster plant resilience both above and below the soil.

Using Activ8 adds to and improves the diversity of the microbial populations in your soil, leading to the breakdown of organic matter, the release of plant available nutrients and improved plant nutrient uptake.



Pack Sizes

Available in 1000L IBC,
filtered to 70 micron

Benefits

- Stimulates soil biology.
- Improves soil friability and soil aggregation.
- Increases uptake of soil nutrients.
- Improves water holding capacity.
- Improves disease and stress resistance.

Application Rates

Crop	Application	Rate
Broadacre Crops & Pastures	Seed Dressing	5-8L/t of grain
	Liquid Injection	2-20L/ha
	Foliar	5-20L/ha
Vines & Tree Crops	Planting Root Dip	10% solution
	Planting Water Jet	5-20% solution
	Fertigation	10-40L/ha
	Foliar	10-25L/ha
Ornamentals	Planting Root Dip	10% solution
	Planting Watering Can	0.5% solution



The increase in nutrients allows the plant to perform the correct functions at the right time, ranging from better photosynthesis to better nitrogen use efficiency and increased reproductive ability.

Another benefit of Activ8 is the improvement of soil structure as a result of enhanced soil biology, creating soil aggregates that improve air and water infiltration to the benefit of all agricultural crops.

A better functioning plant biomass and associated biology, when coupled with well aggregated soils consequently starts a positive cycle of improving productivity. By feeding biology, we feed the plant while building organic matter and deeper soils with reduced watering requirements.

By improving soil biology, through applications of Activ8, we can have a positive effect on all aspects of soil and plant health, leading to better crop performance, yields and resistance to pests and disease. Activ8 helps agricultural soils achieve long lasting productivity.

Element	Unit	Result
pH	pH	7.32
Electrical Conductivity	dS/m	10.005
Total Organic Carbon	C %	0.231
Total Nitrogen	N %	0.037
Phosphorus	P gm/L	79.4
Potassium	K gm/L	117
Calcium	Ca mg/L	181.9
Magnesium	Mg mg/L	410.2
Zinc	Zn mg/L	9
Copper	Cu mg/L	4.2
Iron	Fe mg/L	94
Manganese	Mn mg/L	1.41
Silicon	Si mg/L	0.12
Chlorides	Cl mg/L	21
Sodium	Na mg/L	441
Sulphate Sulphur	S mg/L	21
Molybdenum	Mo mg/L	3
Boron	B mg/L	1.32
Aluminium	Al mg/L	0.5
Total Organic Matter	%	0.44
Carbon/Nitrogen Ratio	C/N	6.24

Case Study

Activ8 was applied on this farm to both citrus trees and pasture cover crop with significant results.

Solution:

- 15L/ha Activ8 applied in late winter to increase plant carbohydrates during frost prone periods.
- 15L/ha Activ8 applied once fruit had set.
- 20L/ha fertigation prior to extreme heat event.

Warning

This product is made from natural materials and contains micro-organisms. Wear gloves and wash hands after use, avoid ingesting and contact with eyes. Wash out immediately with clean water if contact occurs and see your doctor.

This product is living and is best stored in a cool dark position, preferably with the lid loose or off. For best results apply within 6 weeks of manufacture.

