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.

SXC Allowed Input
Cert. No. 20144

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
• Apply 2-4t/ha annually broadcast or banded. • New plantings apply 5-15t/ha banded in row, bed or mound.	• Apply 2-6t/ha before pulling up hills or beds.	• Apply 1-3t/ha before sowing or before breaking autumn rain.

Worm Tech

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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

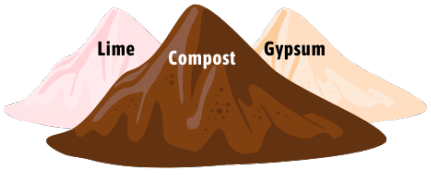
The combination with compost is the perfect way to deliver lime and gypsum to the paddock. By blending them all together the compost reduces the leaching of sulphur and allows the calcium to be more effective in the soil. This combination delivers a number of bioavailable nutrients and organic carbon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

Warning

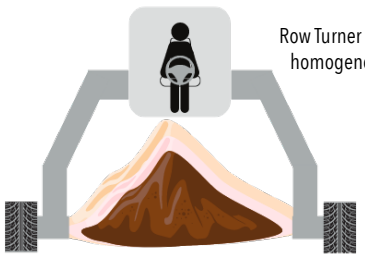
This product is made from recycled materials and contains micro-organisms and potential inorganic contaminants. Wear particulate mask if dusty to avoid breathing dust or mists. Wear appropriate gloves and footwear as a precautionary measure as this product has low risk of containing sharp materials.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

Compost Blending Process

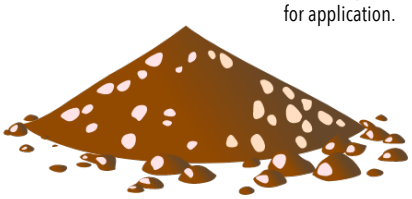
Components weighed and laid out. Custom blends are available.



Row Turner delivers a homogenous mix.



Perfectly blended product ready for application.



Worm Tech

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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.

Allowed Input
Cert. No. 20144

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
• Apply 2-4t/ha annually broadcast or banded. • New plantings apply 5-15t/ha banded in row, bed or mound.	• Apply 2-6t/ha before pulling up hills or beds.	• Apply 1-3t/ha before sowing or before breaking autumn rain.

Worm Tech

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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

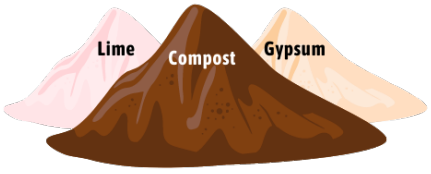
The combination with compost is the perfect way to deliver lime and gypsum to the paddock. By blending them all together the compost reduces the leaching of sulphur and allows the calcium to be more effective in the soil. This combination delivers a number of bioavailable nutrients and organic carbon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

Warning

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

Compost Blending Process

Components weighed and laid out. Custom blends are available.



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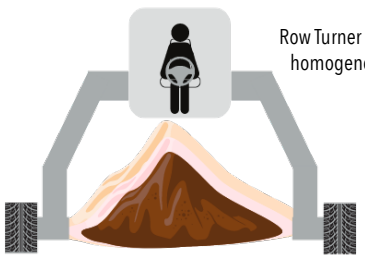
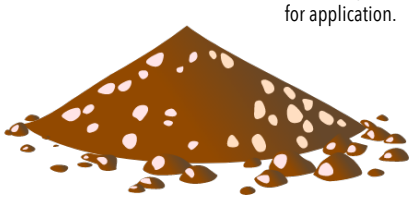


Perfectly blended product ready for application.



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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.

Allowed Input
Cert. No. 20144

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
• Apply 2-4t/ha annually broadcast or banded. • New plantings apply 5-15t/ha banded in row, bed or mound.	• Apply 2-6t/ha before pulling up hills or beds.	• Apply 1-3t/ha before sowing or before breaking autumn rain.

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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.

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Lime

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Gypsum

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Compost Blending Process

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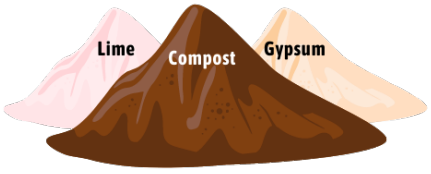

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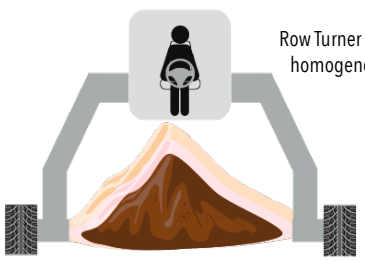
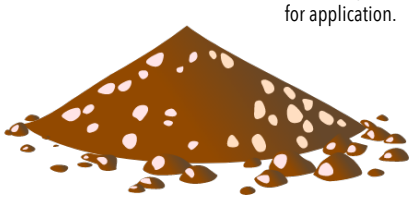


Perfectly blended product ready for application.



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