

Introducing Wormtec Organic Worm Extract

THE MOST POTENT WAY TO RESTORE SOIL FERTILITY NATURALLY

- Lawn
- Fruit Trees
- Natives
- Vegetables

- Flowers
- Turf
- Gardens
- Pot Plants



Suitable for commercial
and domestic use.

Whether you are a broad-acre farmer, you have parklands or sporting grounds, or you're a hobby gardener, you know how crucial it is that your soil is fertile so your crops, your lawns and your plants thrive.

Wormtec makes it easy and affordable for you to do that. Wormtec Worm Extract Microbial Fertiliser is an environmentally-friendly, organic bio-spray that powerfully restores the fertility of your soil ... naturally. It's a unique blend of worm extracts including biological inoculants, trace elements and microbial food activators.

Better still, it's affordable, it boosts crop production, and reduces your labour costs. Plus - you can buy direct from the manufacturer and **SAVE**.

SUITABLE FOR:

- Broad Acre Farming
- Orchards
- Pastures
- Home Gardens
- Horticulture
- Golf Courses
- Sporting Fields
- Schools

USE IT ON:

- Lawn
- Fruit Trees
- Natives
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BENEFITS TO FARMERS

Wormtec Worm Extract reduces your fertiliser costs, your labour costs and increases your profits by rebuilding your soil which increases crop production and yield.

1. Uses less fertiliser by reducing leaching. Slow microbial nutrient release maximises nutrient retention.
2. Increases water-holding capacity of the soil.
3. Improves soil quality and structure.
4. De-compacts soil naturally using the power of soil microbes.
5. Reduces pest and disease attacks through boosted brix levels.
6. Reduces spraying-related labour costs: Worm Extract is soluble which cuts your fertiliser application labour costs dramatically. It's easy to apply using portable sprayers, drip irrigation, or commercial spraying equipment. It's also compatible with other fertilisers.
7. Increases your crop production rate and output by 42% on average. (source: CSIRO)
8. Easy storage and transportation.



BENEFITS TO CONSUMERS

- Organically grown fruit and vegetables look better and taste better.
- Food has a longer storage life thanks to the higher brix levels.
- More nutritious thanks to the increase in dissolved minerals.
- Consumers aren't ingesting chemicals.

BENEFITS TO THE SOIL & ENVIRONMENT

- Avoids pollution by not being chemical-based.
- Reduces lower ground water pollution.
- No negative impact on environmentally sensitive areas.
- Improved soil structure and water holding capacity which reduces soil erosion.
- Reduces soil compaction, thatch and crop residue.

ABOUT US

Wormtec Worm Farming and Vermiculture are pioneers in helping Australian farmers and gardeners rebuild the fertility back into their soils and crops.

Since 2001, our family owned company has been producing and developing Wormtec Organic Microbial Worm Extract Fertilisers that are cost-effective for broad acre farmers and gardeners and brings the profits back into agriculture in a totally sustainable way. There's no negative impact on the environment, or its inhabitants.

It's a totally Australian formulated and manufactured organic fertiliser, that has been tried and tested on farms in our harsh unforgiving Australian climate for 16 years.



MEET OUR CLIENTS

Our clients include a 'who's who' of broad acre farmers, Government institutions and hobby gardeners who recognise the profitability and sustainability of using worm extract fertilisers.

- Melbourne Cricket Ground
- Office of Australian War Graves
- Scenic Rim Regional Council
- Gold Coast City Council
- Numerous Golf Courses, Bowls Clubs and Schools
- Numerous Community Gardens & Fertiliser Suppliers
- Cricellis Capsicum Castle
- E & M Capsicums
- Palm Trading Company
- Paringi Farms
- Riverdale Organic Farm
- Sandy Creek Orchard Pty Ltd
- Sunshine Strawberry Farm
- Thumm Estate Winery
- Urban Mixed Farm
- Bredhauer Orchards
- Byron Bay Fruits
- Grech Cotton Pty Ltd
- Arborcare QLD
- Rochedale Turf



THE SECRET BEHIND THE MOST POTENT, NATURAL SOIL FERTILITY RESTORER IN AUSTRALIA

To say we're a little obsessed with producing THE most nutrient rich, worm extract possible would be an understatement.

For over 16 years we have been testing, researching and refining our manufacturing processes to produce a worm extract that is superior in quality and effectiveness.

1. Living Worm Castings NOT Run Off

For maximum potency, *Wormtec Organic Worm Extract* contains the living component of worm castings and composts and not worm farm run-off like leachate-based products.

2. Proprietary Micro-Organism Extraction Process

We circulate air and water through the worm castings using our Wormtec Worm Extractor. This dislodges the beneficial micro-organisms (bacteria, fungi, protozoa and nematodes) and creates a liquid solution.

3. Deters Detrimental Soil Organisms from Growing

The problem with a lot of organic fertilisers is that they push the soil into an anaerobic state which encourages detrimental organisms to grow.

Our technology forces the worm casting organisms into a dormant state so the soil stays aerobic at the time of application. Plus, it extends the shelf-life of the product.

HOW WORMTEC COMPARES

THE EFFECTIVENESS OF EARTH WORM FERTILISERS

Wormtec Organic Worm Extract Fertiliser is ideal if you are looking for a product to re-build your soil health and help break down heavily compacted soils while inoculating the soil with the full range of soil microbes required to cycle nutrients and minerals.

Better still, it's effectiveness is proven.

The CSIRO conducted studies on the effectiveness of Earth Worm Fertiliser in monitored conditions in Australia.

It found that, on average, crop output increased by 42%.

Results of laboratory testing conducted on Wormtec Organic Worm Extract

Laboratory Analysis
For Greg Plevey – Wormtec Worm Extract

Appearance	Good	Chloride	mg/L	2.96
Colour	Good	Sodium	mg/L	14.50
Odour	Nil	Sulphate	mg/L	13.00
Nitrogen	Total % 4.45	Boron	mg/L	1.99
Phosphorus	% 2.18	Aluminium	mg/L	Nil
Potassium	% 3.61	pH Units		6.61
Calcium	mg/L 100, 600.00	Conductivity	uSm/cm	4.10
Magnesium	mg/L 262.00	Carbon	mg/L	25.00
Zinc	mg/L 180.00	Molybdenum	mg/L	4.10
Copper	mg/L 110.00	Sedimentation	mg/L	Nil
Iron	mg/L 91.00	Silica	mg/L	10.20
Manganese	mg/L 102.00	Calcium/Magnesium Ration		6.1:1

Colour Code of Material: Dark Brown

Bacteria Plate Count: 8.2 million colony forming units per each milliliter of liquid

Remarks: A prepared slide of this liquid was viewed under a microscope and observation was that microbial life was extremely numerous and highly active. This liquid has a good, even balance of all required nutrients and would benefit to the growth and production of all types of plants and crops.



Wormtec vs. Other Earth Worm Fertilisers

1. CHEMICAL-FREE AND TOTALLY ORGANIC GUARANTEED

Wormtec Organic Worm Extract is produced from our own worm castings. We control all aspects of the manufacturing process and guarantee that:

- It is totally organic
- Contains a full range of nutrients and minerals
- And has no negative effects on the environment.

2. BUILDS DEGRADED SOILS MORE POWERFULLY

Most worm-based products are produced from waste water runoff from a worm farm which means they contain very few soil-biological micro-organisms which are a vital element to rebuild degraded soils.

Wormtec uses a specially brewed and extracted process of actual worm extract (not run-off) so it's far more nutrient-rich.



Wormtec vs. Natural Fertilisers

While chicken and cow manure are popular with home gardeners, they smell and they're messy to apply. Not only that, chicken manure is acidic so it needs to be broken down first. Plus, due to limited production availability, they aren't suitable for commercial use.

Then there's aerated compost tea which is far better than chemical fertilisers however Wormtec Worm Extract is more nutrient-rich and more practical to use.

1. MORE BENEFICIAL TO YOUR SOIL AND CROPS

Wormtec Organic Worm Extract contains a much larger quantity of dissolved minerals, growth hormones, and other beneficial organisms.

2. LONGER STORAGE LIFE

Wormtec Worm Extract lasts up to 6 months unopened.

3. LARGER VOLUMES AND READY TO USE IMMEDIATELY

Wormtec is available in commercial quantities whereas aerated compost tea needs to be brewed for 24 hours, It's often only available in small volumes and isn't suitable for commercial use (must be used within 2 hours).

HOW TO APPLY

Through extensive onsite testing we have found that *Wormtec Organic Worm Extract Fertiliser* produces the best results when used as a soil drench product. We feed the micro-biology contained in our product at application time with the organic foods your soil requires.

Once applied, the biological component then becomes active and starts colonising your soil, plants or crop and starts rebuilding you soil and plant health.

The nutrients contained in our worm extract fertiliser are in a plant available form and are available to the plant within twenty minutes.

You can easily apply Wormtec Worm Extract Fertiliser using spray equipment boom sprays, boomless nozzles or hose, but we recommend the use of a diaphragm pump.



TWO METHODS OF APPLICATION

1. ACTIVATED

We add microbial food sources like *fish, kelp and molasses* which bring the microbes out of dormancy. They start breeding and working on your soil and plants immediately which improves soil structure faster.

2. NON-ACTIVATED

This allows the plants to control activation with plant root exudates (sugars), which work in conjunction with moisture and air temperature. This stimulates the organisms to start improving the soil structure.

Our trials have shown that soil organisms have a far greater survival rate using this method as the plant can control the microbe's activity.



Whether you're a broad acre farmer or gardener,
Wormtec Worm Extract Microbial Fertiliser offers you
an affordable way to increase your crop yield
dramatically ... in an environmentally sustainable way.

Buy direct from the manufacturer and SAVE.

Visit www.wormtec.com.au or
call us on 0413 807 176.