



## Worm Granule 531 - Quality Biological Fertiliser

Worm Granule 531 is a hardened granule fertiliser containing beneficial microbes, carbon, nutrients and trace elements. Worm Granule 531 combines worm castings, high quality compost and unique rock minerals to produce a superior nutrient package, in an easy-to-apply granule format suited for agricultural or horticultural use.

### Benefits

- **Balanced Nutrition:** Combines all plant nutrients conveniently held in organic form, ensuring continuous and sustained crop nourishment.
- **Improved Soil Health:** Organic components enhance soil structure and microbial diversity, helping to build soil faster.
- **Environmental Sustainability:** Reduces reliance on high rates of synthetic fertilisers, lowering the risk of environmental pollution.
- **Mineral availability:** Increasing soil biology improves mineral availability to the plant.
- **Enhanced Nutrient Use Efficiency:** The presence of refined labile carbon reduces nutrient leaching, maximising the effectiveness of applied fertilisers.
- **Size & Specific Gravity (SG):** Offers similar size and SG as MAP, for reduced separation in fertiliser box.
- **Organic Allowable Input:** Certified allowable input for organic production. Whether organic or not there is assured confidence that our granule has withstood the rigorous process via third party organic audits.

### Worm Granule 531



### Pack Sizes

- Bulk
- 1 tonne bag
- 20kg Bag

### Certifications



Organic allowable input

**FRESHCARE  
RECOGNISED**



## Analysis

## Worm Granule 531 Consists Of:

### Worm Castings 50%

Worm Castings are nature's most refined animal waste in the world, producing enzymes and signaling molecules that turn on good fungi, bacteria and protozoa. These organisms all play a vital role in nutrient cycling and disease suppression. Worm Castings signal to native earth worms to come to the applied area to increase aeration, water infiltration, nutrient cycling and microbial stimulation in your soils. Worm Castings are dense packages of mature humus ready to do work, with no further breakdown required. They also help buffer pH and increase water holding capacity.

### Premium Compost 35%

Worm Tech Premium Compost undergoes a unique composting process specifically developed to humify carbon and hold nutrients in a stable organic form. This method produces cations ideal for soil conditions with calcium the dominant cation, followed by potassium and magnesium, and with very little sodium compared to animal manure-based fertilisers. Other elements like nitrogen and traces are held in a biologically available form ready for crops. This combination of humified carbon and nutrients is the perfect food source for plants and soil organisms.

### Rock Phos Mineral 15%

Rock Phos Mineral contributes elemental phosphorus and soluble silicates that increase phosphorus uptake. They also help to improve pH in high aluminium soil. This combination enhances plant biomass under stress events.

Nutrient	Analysis	Unit
Nitrogen (N)	1.38	%
Phosphorus (P)	0.62	%
Potassium (K)	0.91	%
Sulphur (S)	0.32	%
Calcium (Ca)	3.41	%
Magnesium (Mg)	0.55	%
Sodium (Na)	0.13	%
Manganese (Mn)	0.051	%
Zinc (Zn)	0.017	%
Boron (B)	0.0033	%
Copper (Cu)	0.0054	%
Molybdenum (Mo)	0.000075	%
Cobalt (Co)	0.0015	%
Silicon (Si)	0.53	%
Carbon	11	%
C/N ratio	7.9	C:N
pH	7.7	pH
EC	3.70	dS/M
SG	1	Kg/M <sup>3</sup>
Screen size (Granule Size)	3-6	mm

## Application Rates

Suitable for air seeder and spreading applications.

Cropping/Sowing	Pastures	Fodder/Pasture Cropping	Vineyards / Orchards
50-200kg/ha	60-80kg/ha	50-100kg/ha	100-200kg/ha

Application rates will vary depending on soil type and other fertiliser requirements.

For further information please contact Ian Forsyth.

Worm Granule is a versatile and effective solution for modern agriculture, promoting sustainable practices while enhancing crop productivity. Its compatibility with synthetic fertilisers and suitability for air seeder applications make it a valuable addition to any fertilisation program.

### 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 and wash hands immediately after use. For further information, refer to the material safety data sheet available at [wormtech.com.au](http://wormtech.com.au).



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For more information, please call our NSW Representative Ian Forsyth  
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