

## 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
<b>Broadacre Crops &amp; Pastures</b>	Seed Dressing	5-8L/t of grain
	Liquid Injection	2-20L/ha
	Foliar	5-20L/ha
<b>Vines &amp; Tree Crops</b>	Planting Root Dip	10% solution
	Planting Water Jet	5-20% solution
	Fertigation	10-40L/ha
	Foliar	10-25L/ha
<b>Ornamentals</b>	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.



For more information, contact Worm Tech on 0429 681 921 or visit [wormtech.com.au](http://wormtech.com.au)

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