

REVITAL COMPOST 50

Revital Compost 50

The proven partner for sustained yields

Is your soil teaming with life? To be productive it has to be.

- From the smallest bacteria and fungi, to the more complex organisms such as protozoa, nematodes and earthworms, all have an important role in nutrient cycling, soil health, fertility, and disease suppression.
- Quality composts improve the soil environment and provide plants with essential growth nutrients. A healthy soil environment is key to producing healthy, disease resistant plants and better crops.
- Revital Compost 50 is composted green waste and chicken manure. It has been shown to be superior in releasing nutrients than the two raw materials individually. Composting chicken manure improves its physical nature, mineralises nutrients and ensures potential disease causing organisms commonly found in raw manure are eliminated the compost heating process.
- Recent research conducted has shown that composted chicken manure is as effective at releasing phosphorus as triple super phosphate when applied at the same kilograms of phosphate per hectare
- Revital Compost 50 is also excellent source of nitrogen, potassium and calcium.

Where can Revital Compost 50 really help?

Suitable for		Application rates
Dairy	✓	Up to 4,000kgs / ha
Sheep and Beef	✓	Up to 3,000kgs / ha
Cropping	✓	Up to 8,000kgs / ha
Kiwifruit	✓	Up to 10,000kgs / ha

The process used in the production of Revital Compost 50 is Bio-Gro approved.

The advantages of using Revital Composts 50 are:

- Offers organic producers a source of soluble N P and K trace elements
- Improves microbial life in the soil
- Improves soil structure and pH
- Increases fulvic and humic acid levels within the soil
- Adds a valuable source of nutrients and organic matter for kiwifruit and horticulture
- Stimulates pasture growth for dairy, sheep and beef
- Revital Compost 50 can be blended with other fertilisers to produce custom blends tailor made for your farm or orchard

Production Outputs - %

N 1.4	P 1.0	K 1.0
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S 0.3	Mg 0.3	Ca 4.4
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Kg nutrients supplied when applied @ 4000kg/ha/pa

N 56	P 40	K 40
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S 10.8	Mg 12	Ca 176
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FOR SUSTAINABLE PROFIT

REVITAL COMPOST

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The proven partner for sustained yields

Is your soil teeming with life? To be productive it has to be. From the smallest bacteria to giant earthworms, all play important roles in soil fertility, nutrient cycling, soil health and disease suppression.

- Revital composts rejuvenate soils and improves yields.
- Quality compost improves the soil environment and provides plants with essential growth nutrients.
- A healthy soil environment is vital to producing healthy, disease resistant plants and better crops.
- Our composts are made to the highest standards using carefully selected and balanced inputs and strictly controlled production methods. This ensures our finished product is ready to go to work when applied, releasing nutrients and improving soil and plant health immediately. Our products are Bio-Gro certified.

Where can Revital Compost really help?

Suitable for	Application rates
Kiwifruit	✓ Up to 10 tonnes / ha
Avocado	✓ Up to 10 tonnes / ha
Market Gardens	✓ Up to 10 tonnes / ha
Potting Mixes	✓ Up to 50% of blend
Fruit Trees	✓ Up to 10 tonnes / ha
Viticulture	✓ Up to 10 tonnes / ha

The advantages of using Revital Composts are:

- Provides a slow-release fertiliser, all nutrients are in plant-available form
- Stimulates the growth of beneficial soil micro-organisms
- Improves the soil's water holding capacity
- Assists in de-compacting heavy soils, allowing better root penetration
- Buffers temperature extremes in the soil
- Buffers pH changes in soil
- Suppresses weeds when applied in a layer at least ten centimetres thick
- A natural way of returning soil nutrients and organic elements that have been extracted
- Re-inoculates the soil with beneficial soil organisms improving nutrient cycling, plant vigour, disease suppression and soil health

TYPICAL SOIL FOOD WEB ANALYSIS

PROTOZOA	REVITAL COMPOST	DESIRED RANGE
Active bacterial (µg/g)	80.2	15 - 25
Total bacterial biomass (µg/g)	1731	100 - 3000
Active fungi (µg/g)	34.8	15 - 25
Total fungal biomass (µg/g)	526	100 - 300
Fungi hyphal diameter (µm)	2.5	2.5 - 5
Flagellates numbers /g	83,318	10,000+
Amoeba numbers /g	90,011	10,000+
Ciliate numbers /g	84	20 - 50
Plant available N supply from predators Kg /ha /yr	271 kg N /ha	

- Good protozoa populations are essential for nutrient cycling
- The amount of nitrogen released by feeding of protozoa

NUTRIENT ANALYSIS - Typical Hills Analysis

C/N Ratio 14:1	pH 7.5	Organic Matter 37.7%	Total N% 1.54	
Total P mg/Kg 3310	Total K mg/Kg 13500	Total Ca mg/Kg 24400	Total Mg mg/Kg 3170	Total Na mg/Kg 2110



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