

THE BEST ON EARTH

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Laboratory Report To: Beyond Worms
Location: Production Factory
Sample Submitted By: G & C Whitby
Date Sampled: 17/08/2017
Laboratory No.: 7732
Sample Type: Vermi Grow Worm Castings

LABORATORY ANALYSIS				
Appearance		Good	Chloride	mg/L 2.11
Colour		Good	Sodium	mg/L 10.40
Odour		Nil	Sulphate	mg/L 42.00
Nitrogen	Total %	6.72	Boron	mg/L 28.00
Phosphorous	%	3.85	Aluminium	mg/L Nil
Potassium	%	4.00	pH Units	6.68
Calcium	mg/L	2,100.00	Conductivity	uSm/cm 4.11
Magnesium	mg/L	320.00	Carbon	mg/L 260.00
Zinc	mg/L	365.00	Molybdenum	mg/L 11.91
Copper	mg/L	166.00	Sedimentation	mg/L Nil
Iron	mg/L	240.00	Silica	mg/L 27.00
Manganese	mg/L	129.00	Calcium/Magnesium Ratio	6.6:1

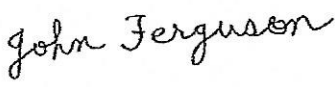
"Trace" or "<" - symbol indicates a level below an acceptable laboratory reading

Colour Code of Material: Dark Brown.

Bacteria Plate Count: 12 million colony forming units per each gram of product.

Remarks:

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

Signature: 

Date: 4 September 2017

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ORGANIC BIOMASS RESULTS OF MICROBIAL READINGS					
Type Of Biomass	Reading ug/ml	Desired Range	Protozoa	Total No ml	Desired Range
Active Bacterial Biomass	410	100-400	Flagellates	19,000	10,000+
Total Bacterial Biomass	849	300-700	Amoebae	17,000	10,000+
Active Fungal Biomass	836	2-10	Ciliates	76	20-85
Total Fungus Biomass	1627	5-20			

Hyphal Diameter (um) 2.8. This indicates mainly ascomycetes species which is suitable for all types of plants.

Microscopic microbial viewing of a prepared slide of the above material.
Numbers reported as per Laboratory Reading Scale of 0 to 20 plus.

Nitrogen Fixing Bacteria	General Bacteria	Fungi	Decomposers	Growth Promoters	Desirable Species	Undesirable Species
18	20+	20	20	20+	20+	<1

Remarks: Good levels of all biomass.

Signature:

John Ferguson

Date: 4 September 2017