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GRO4

PREMIUM

Earthworm Castings

Gro4 Earthworm Castings provide highly concentrated, easily absorbed nutrients. They are rich in nitrogen, phosphorus, potassium, calcium and magnesium.

Soil organisms play an incredibly important role in soil structure. Gro4 premium earthworm castings contain a multitude of these organisms that include beneficial bacteria, protozoa, nematodes, fungi and so much more. In a healthy soil ecosystem, soil organisms work together to transform and maximize available nutrients to be used as food for plants. Gro4 earthworm castings help sustain an active and balanced soil structure when added.



A Quality
Product By:



earthaliveTM
NATURE'S FORCE

Benefits

- All natural, odorless and non-toxic
- Rich in humus which helps with seed germination
- Improves soil drainage, structure and aeration
- Contains nitrogen and PH fixing bacteria
- Demonstrated fungicide and insect repelling properties
- Won't burn delicate plants
- PH neutral
- Adds active microbial life and inoculates
- Increased growth and size of plants
- High contents vitamins, enzymes and hormones such as auxins and gibberellins
- Significantly cuts added nutrient needs
- Excellent water retention which substantially reduces irrigation
- Free from harmful pathogens and protects against disease

Promotes plant growth and root structure • Contains high microbial organic matter



Analysis Summary

Fertilizer/Lime Analysis			
Parameter	Analysis Result	Detection Limit	Method Reference
Nitrogen (Total)	2.10	0.10	ENV-G-003-6
Phosphorus (Available P205)	3.22	0.05	ENV-G-013-6
Potassium (Soluble K2O)	1.31	0.05	ENV-G-013-6
Manure Analysis			
Parameter	Analysis Result	Pounds Per Ton	
Bulk Density	641 kg/m ³	-	
Sulfur	2669 ppm	-	
Dry Matter	32.6 %	-	
Nitrogen (Total)	0.67%	13.4	
NH4-N	0.05%	1.0	
Conductivity (@ 25 deg C)	1.61 ms/cm	-	
Phosphorus (Total)	0.03 %	-	
Phosphate (P as P205)	0.07 %	1.4	
Potassium (Total) %	0.03 %	-	
Potash (K as K2O) **	0.04 %	0.7	
Organic Matter *	19.5 %	-	
pH	6.80	-	
Carbon:Nitrogen Ratio (C:N)	16 : 1	-	
Sodium	0.132 %	2.6	
Aluminum	1051 ppm	-	
Boron	5 ppm	33.1	
Calcium	1.66 %	-	
Copper	6 ppm	-	
Iron	2799.8 ppm	-	
Magnesium	0.17 %	3.4	
Manganese	59.9 ppm	-	
Zinc	21 ppm	-	



* Organic Matter is reported on an as is basis.

**Available nutrients are reported as total available. Only a portion of these nutrients will be available the year of application.

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**AVAILABLE IN 20L BAGS
 OR BY THE CUBIC YARD.**

SLOW RELEASE PELLETS ALSO AVAILABLE.

