YLAD Living Soils *Putting life back into the land*

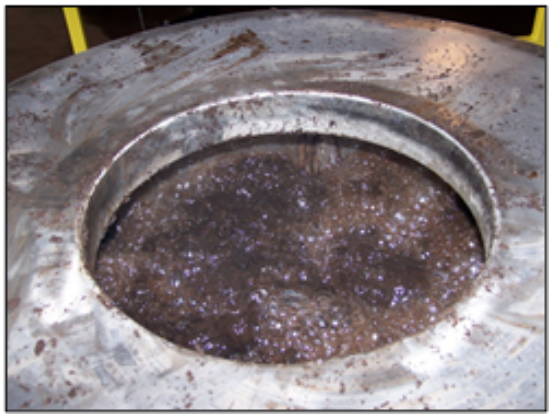
YLAD Humus Extracted Tea

Soil Balancing | Cropping | Pasture & Animal | Foliar & Fertigation

YLAD Humus Extracted Tea (previously Bio TX500) is a water based solution/ suspension of microbes, enzymes, nutrients and humus polymer produced using the Aeromaster Compost Tea Extraction Unit.

Description

Compost Tea Extraction is a process that removes the valuable microbial and non-microbial contents from high quality compost and places it into a water suspension. An activator and microbial food sources are added to the extracted tea just prior to field application which stimulates the microbial population and starts rapid microbial reproduction. With the extraction process, the rapid microbial reproduction takes place on the leaves of the plant and in the soil. These natural environments allow all the extracted microbe species to rapidly reproduce.



Benefits

- Australian Certified Organic (ACO) Allowed Input 12430
- Helps to improve soil structure and nutrient cycling by repopulating the soil with beneficial soil biology and humus substances.
- This Humus Extracted Tea applied twice per annum at 50-100 l/ha helps build beneficial soil biology, reduces disease causing pathogens and creates an environment in which plants thrive.

Packaging

Available in the following volumes:

- 20 L
- 200 L
- 1000 L

Certified Allowed Input ACO CERT. NO. 12430

YLAD Living Soils

APPLICATION RATES

Foliar Spray:

Vegetables, Orchards & Vineyards, Ornamental & Turf
90 – 100 L/ha high production Tea (HP)
Apply every 2 – 4 weeks or as required

Broadacre Crops
90 – 100 L/ha low production Tea (LP)
Apply during early Spring for crop enhancement

Pasture
90 – 100 L/ha low production Tea (LP), apply as required

Fertigation:

90 – 100 L/ha high production Tea (HP)
This tea applied monthly at 50-100 l/ha helps build beneficial soil biology, reduces disease causing pathogens

Liquid Injection:

50 – 90 L/ha low production Tea (LP)
Always consider N & P crop requirements for starters based on reliable soil test data.

Microbiology Laboratories Australia – Key Microbe Groups

Group	Biomass (mg/kg) Yours	Guide
Total microorganisms	228.7	50.0
Total bacteria	82.5	15.0
Total fungi	106.3	33.8

Click here for Trial Results:
Agritech Trial Results
Maarten Stapper Biological Cropping Trial

ANALYSIS

Research prepared for Resource Consulting Services in 2019 showed the following:

MG Name	Total phylogenetic markers seqs	Number of genera	Bacterial genera	Archaeal genera	Eukaryota (all) genera	Fungi genera	Viral + uncl.
YLAD Humus Extracted Tea	9508	520	408	4	106	15	2
Other popular Industry foliar Product	4807	398	327	3	66	6	2

YLAD Extracted Humus Tea was the only sample that contained a genius known as **Gemmatimonas**. Gemmatimonas was first reported in 2014, which expanded the list of known bacterial phyla capable of performing photosynthesis.

Enzyme relating to P cycling:
Phosphorus cycling is an abundant capability of the microbial communities present, by various mechanism.

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LIVING YLAD COMPOST

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