

ThompsonsLimited.com

Tel: (800) 265-5225

 @ThompsonOrganic



 **THOMPSONS
REVOLUTION**

Organically-Approved Input Information Sheet

Eco-Tea™ Liquid Seed Treatment

Source: Woodland Services, Dorchester, ON (under license from Overton Environmental)

Analysis: N/A - Eco-Tea™ is a CFIA-registered bio-stimulant



Product Notes:

- Eco-Tea™ Liquid Seed Treatment is a 3-part system:
 1. **Inoculum** – earthworm castings and plant-based compost “brewed” on-site into a super-concentrated liquid (much more concentrated than soil or foliar products)
 2. **Microbial foods** – humic, fulvic, and long-chain amino acids, help extract, simple and complex carbohydrates, and enzymes designed to feed the array of beneficial bacteria, fungi, and protozoa (this food is customized to different end uses – e.g. foliar vs soil vs seed).
 3. **Catalyst** – used to activate the biodiverse populations of plant beneficial microbes in the liquid.
- Eco-Tea™ Liquid Seed Treatment is shipped to the producer in 3 parts: 1) concentrated liquid inoculum 2) microbial food, and 3) catalyst. The producer tank mixes the microbial foods and catalyst prior to application to “activate” the microorganisms.
- Eco-Tea™ concentrated inoculum has a shelf life of 60 days (before the addition of the microbial foods and catalyst) given it is stored out of direct sunlight.
- Eco-Tea™ Liquid Seed Treatment must be used within 3 days of mixing.
- Treated seed must be planted within 3 days of treatment (the sooner the better).
- **Uses:**
 - Eco-Tea™ Liquid Seed Treatment inoculates seeds with abundant populations of diverse plant growth promoting and ecologically functional microbes, including bacteria, fungi, and protozoa.
 - These microbes improve root development, nutrient use efficiency, and disease tolerance.

Application Rates and Timing:

- Cereals: 500ml treats 70-115 lbs of seed (i.e. 250ml/unit)
- Beans: 500ml treats 50-70 lbs of seed (i.e. 500ml/unit)

Bringing the Thompsons Revolution to Ontario's Organic Farmers.

JOIN THE **REVOLUTION**

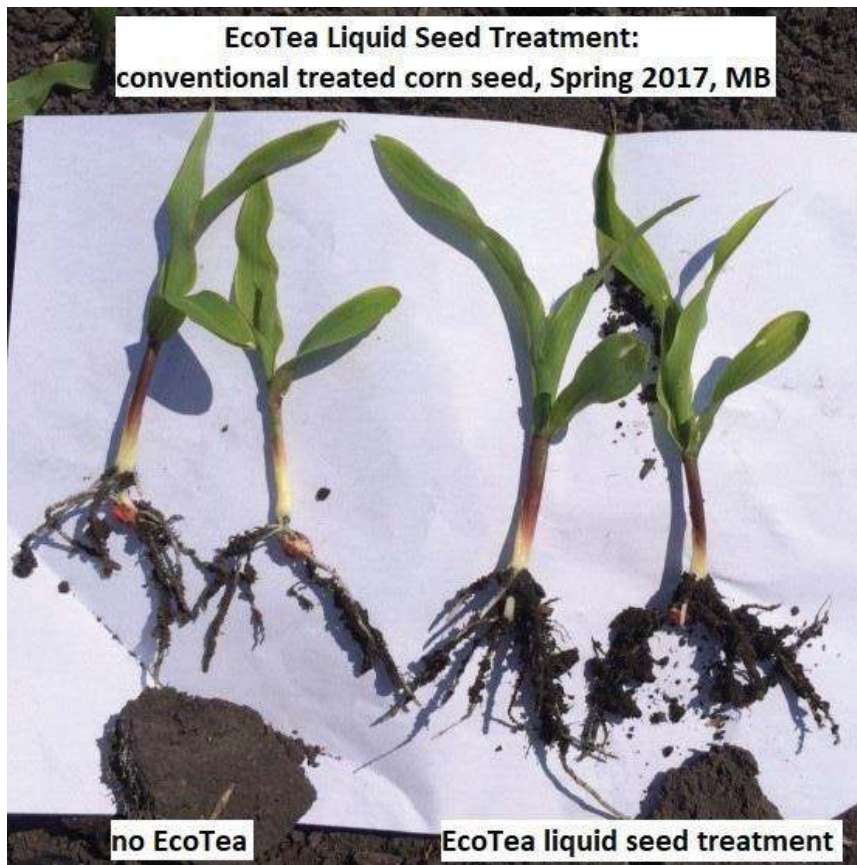


**THOMPSONS
ORGANICS**

- Forage & Small-Seeded Crops (alfalfa, canola, etc.): use EcoTea HDI in-furrow
- Mix the 3 components and apply to seed within 3 days.
- Plant treated seed as soon as possible, no later than 3 days after treatment
- Beans do require some time after inoculation to dry or else seed may bridge or become challenging to work with. Treating the seed one step before making the final transfer to the seeder will help eliminate bridging potential. Use “HDI” in-furrow treatment for best results with beans.

Comments:

- Compared to EcoTea “HDI” soil treatment, the liquid seed treatment is more economical but will have less of a beneficial impact on overall soil health: this product inoculates the seed rather than the soil
- ‘Bombarding’ the developing root system with as many biodiverse beneficial microbes as possible is the biologically engineered success of Eco-Tea.
- Experience has shown a positive impact on root development even in seeds that are also treated with conventional fungicides and insecticides
- EcoTea products are approved for organic production by Pro-Cert



THOMPSONS

REVOLUTION

PEOPLE • PRODUCTS • KNOWLEDGE

ThompsonsLimited.com | ThompsonsMobi.com

 @ThompsonOrganic