

HOW DOES ECOTEA™ WORK?

The secret is our unique **THREE PART SYSTEM**



For the home indoor or outdoor garden you will need our **5 gallon brewer** to prepare ECOTEA™.



Part B is the source of the microbes, but when grown in the presence of **Part A**, the plant beneficial ones are targeted for growth and the less desirable ones are suppressed. Add **Part C** just before application and our microbes are further stimulated and will dominate wherever they are applied.

Find a Thompsons branch near you
www.ThompsonsLimited.com

FARMERS

For larger acreage (10+) you can use our **3 part mix and go system**.

Your Thompsons EcoTea™ Rep. will custom prepare an application specifically for your needs. You can mix and apply directly or Aerate on the Farm for further benefits.



CALL or EMAIL to arrange your order and connect with a Thompsons representative.

1.800.265.5225
INFO@THOMPSONSLIMITED.COM

EcoTea™ contains...



Bacteria | Protozoa | Fungi | Nematodes | Micro-Invertebrates

and the basic elements
plants need.



Nitrogen | Calcium | Iron | Magnesium | Zinc | Copper

Why EcoTea™?

IT IS DIVERSE, with 129,000 species, and can be used on any crop, plant or tree. One gallon contains roughly the same number of microbes as 2000 lbs of worm castings!

IT IS 100% NATURAL and safe for our pets and kids. There are no harmful chemicals and it is pathogen free. It will never burn your plants.

IT BREAKS DOWN TOXIC COMPOUNDS, reducing nutrient leaching and minimizing salt build up. The effects increase and improve with time.

WHAT ELSE DOES ECO-TEA™ OFFER?

- Restores Soil Biodiversity
- Provides Immediate Nutrients
- Stimulates Plant Growth
- Improves Soil Nutrient Retention
- Improves Soil Structure
- Increases Pest Resistance
- Suppresses Disease

Plant Beneficial Microbes
for your Farm or Garden

EcoTea™

PROBIOTICS FOR THE SOIL™

MAKE BETTER USE OF NUTRIENTS
CONTROL DISEASE NATURALLY
MINIMIZE SALT STRESS

APPROVED FOR ORGANIC PRODUCTION BY

Pro-Cert
APPROVED INPUT



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MICROBES FOUND IN ECOTEA™

ECOTEA™ MICROBE FUNCTIONS

THE BENEFITS OF ECOTEA™

FUNGI



PENICILLIUM



ASPERGILLUS



TRICHODERMA

PROTOZOA



AMOEBA



FLAGELLATE

BACTERIA



BACILLUS



PSEUDOMONAS



RHIZOBIUM



AZOSPIRILLUM



BURKHOLDERIA



ENTEROBACTER



STREPTOMYCES



Antibiotic Producing



Iron Scavenging



Phosphorus Solubilizing



Nutrient Cycling



Nitrogen Fixing



Plant Hormone Producing

In the presence of a pathogen, some of our microbes can produce antibiotics to fight against it.

Some EcoTea™ bacteria help plants find and take up iron, which improves plant quality.

Some EcoTea™ microbes can solubilize phosphorus that is locked up in soil aggregates. This can reduce the amount of Phosphorous applied, by up to 20%.

Our protozoa “feed” off of the functional bacteria releasing valuable nutrients in the root zone of the plant.

Bacteria in EcoTea™ are capable of fixing Nitrogen gas (from the atmosphere) to an organic form of Nitrogen available for plants.

Our bacteria can produce a variety of plant growth hormones. (IAA, cytokinins, gibberellins, ethylene)

INCREASES PEST RESISTANCE AND DISEASE SUPPRESSION:

The beneficial microorganisms in EcoTea™ consume harmful herbivores and pathogenic organisms but does not harm beneficial insects. As well the microbes compete for the space and resources with harmful bacteria and pests, thus inhibiting their presence. Stronger and healthier plants are better suited to resist the attack of pest insects. Also, in the presence of pathogens, several of our microbes have the ability to produce small amounts of antibiotics to fend off the disease.

RESTORES SOIL:

Many agricultural soils are under stress from chemical fertilizers, pesticides, herbicides and fungicides. These chemicals eliminate much of the soil biodiversity and under these conditions micro-invertebrate, bacterial and fungal pests are able to proliferate. EcoTea™ re-introduces the beneficial microorganisms into the soil and restores it to a more natural, healthy form.

PROVIDES IMMEDIATE NUTRIENTS:

The nutrients present in soil must be in particular forms in order for plants to benefit from them and many are locked up in humic materials within soil aggregates. Humic materials are processed by bacteria and protozoa unlocking the stored nutrients, Nitrogen in particular, into forms useful to plants. The beneficial organisms in EcoTea™ feed on substances naturally present in the soil, unlocking them for plant use as required by plants.

STIMULATES PLANT GROWTH:

Our microorganisms release micro-nutrients, plant hormones and enzymes into the root zones, readily available for plant uptake. In return, the plant releases sugars into the surrounding soil as a fuel source for microbes. By utilizing these hormones and enzymes, plants do not need to expend energy creating them and in turn can focus on more vigorous growth

IMPROVES SOIL NUTRIENT RETENTION:

When synthetic nutrients are added to soil, nothing holds them in place. With irrigation and rainfall, nutrients often swiftly drift below the root zone rendering them useless to plants. Nutrient leaching contributes to ground water contamination in areas of intense agriculture and leads to soil acidification. EcoTea™ microbes extend the reach of the plant roots making use of nutrients applied.

IMPROVES SOIL STRUCTURE:

EcoTea™ will naturally improve the structure of your soil via microbial, fungal and invertebrate action. This allows oxygen to move into and through the soil. It allows plants to easily move their roots through the soil, (Many of our Fungi attach to the root hair and can increase the reach of the plant roots. They act as micro highways for the bacteria to travel from the nutrient source back to the plant root.) It improves moisture retention which is a key component in microbe function. It improves your soil's ability to deal with erosion and compaction.