



BioComplete™ Liquid Amendments

Lecture 1- Definitions (Part 1)



BioComplete™ Liquid Amendments: Extracts and Teas

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Tools for Biological Management

1. Solid Applications:

- a. **BioComplete™ Compost**
- b. **BioComplete™ Vermicompost**

2. Liquid Applications:

- a. **BioComplete™ Extract**
 - > **Soil Drenches**
 - > **Injections**
- b. **BioComplete™ Tea**
 - > **Foliar sprays:**
 - Annuals (first true leaf, monthly)**
 - Perennials (bud swell, break, monthly)**

**A tea brewer can
be used to make
BioComplete™
Teas as well as
BioComplete™
Extracts**





Topics

Definitions

BioComplete™ Compost

BioComplete™ Extracts

BioComplete™ Teas

Leachates

Plant Teas

Ferments

Manure Tea

Put-to-Sleep Teas



Topics

General Concepts

Assurance of Success

Foods

Biomass Levels

Diversity

Water Quality

Temperature

Aeration



Topics

Extracts

Massaging

Duration

Storage

Teas

Foods

Extraction

Aeration

Duration

Application

Pumps

Timing

Cleaning



Definitions: Compost, Extract, Tea

BioComplete™ Compost:

Aerobically decomposed, highly diverse organic materials, which results in a food web that cycles nutrients, builds soil structure and maintains aerobic conditions.

BioComplete™ Extract:

Aerobic, Water-Extract of BioComplete Compost.

BioComplete™ Tea:

Aerobic, Brewed with Additional Foods, Water-Extract of BioComplete Compost.

BioComplete™ Extract

Aerobic

Rolling boil to extract organisms;

No foods added

Water Extract

Water quality critical, energy to extract organisms,
soluble nutrients

Of BioComplete™ Compost

No brewing time, No added foods

All the organisms possible



BioComplete™ Tea

Aerobic, Brewed

Foods are added to increase biomass/numbers

Rolling boil to extract organisms

Water Extract

Water quality critical: pH, salts, temperature

Energy to extract organisms/soluble foods

of BioComplete™ Compost

As many bacteria and fungi making glues as possible

