



# BIOACTIVE LIQUILIFE+™

## The soil and plant health enhancer fueled by Small Particle Carbon Technology

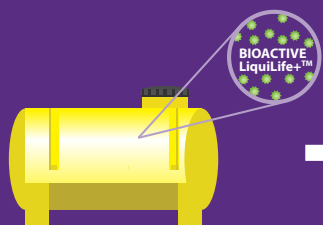
Enhance soil and plant health with one easy to use liquid: **BIOACTIVE LiquiLife+™**. This is a 100% plant-based liquid biological, containing broad-spectrum beneficial microbiology. Thousands of fungal and bacterial strains are driven to the soil and plant by small particle carbon that shields exudates and metabolites, enhancing the rhizosphere. **BIOACTIVE LiquiLife+™** is an effective and flexible tool in building soil health and nutrient use efficiency throughout the growing season. Approved for certified organic growers, as well as in conventional systems.

MORE SPECIES EQUALS MORE  
FUNCTIONS  
MORE FUNCTIONS MEANS A  
GREATER CHANCE FOR SUCCESS

### Contains hundreds of microbe genera including:

- *Nitrifying Bacteria*: a robust collection of microbial species assisting with N availability
- *Trichoderma*: enhances nutrient uptake
- *Arthrobotrys*: nematode grabbing fungus
- *Pseudomonas*: blocks pathogens
- *Mortierella*: phosphorous-solubilizing fungus

### General Use Recommendations:



1) Add BIOACTIVE LiquiLife+™ to the tank (can be used in place of water).



2) Add fertility inputs.

In-furrow: 1-3 gal/ac

Foliar: 1-3 gal/ac

Broadcast: 2-5 gal/ac

Residue Management: 2-5 gal/ac

DO NOT FREEZE. USE WITHIN 365 DAYS.

*A food source is recommended to stimulate microbes at time of use. A carbon or sugar source will work to activate the dormant biology. For best results, use BIOACTIVE™ Supercharger from Purple Cow Organics.*



# BIOACTIVE LIQUILIFE+™

## PROVIDES A DIVERSE BUFFET OF BIOLOGY FOR YOUR PLANTS!

BIOACTIVE LiquiLife+™ is designed to stimulate growth and improve plant vigor and nutrient uptake. This biological product promotes plant-stress tolerance. All biology in BIOACTIVE LiquiLife+™ is naturally occurring with no synthetic or lab grown additives.

### USE INSTRUCTIONS - Use only as directed

- Agitate before dispensing and during applications
- Add 4 lbs of BIOACTIVE™ Supercharger per 275 gallons of BIOACTIVE LiquiLife+™.
- Apply within 24-48 hours of adding BIOACTIVE™ Supercharger

#### General Application Rates:

Furrow Applications	1-3 gal/acre
Foliar Applications	1-3 gal/acre

**Expires: 365 Days**

**Net Volume: 275 Gallons**  
**Net Weight: 2,300 lbs (8.4 lb/gal)**

## CONTAINS NON-PLANT FOOD (ACTIVE) INGREDIENTS

### GUARANTEED ANALYSIS-SOIL AMENDING INGREDIENTS:

#### Species - Bacteria

<i>Bacillus Niacini</i> .....	4 X 10 <sup>6</sup> cfu/mL
<i>Bacillus Firmus</i> .....	1 X 10 <sup>6</sup> cfu/mL
<i>Mesorhizobium Tamadaye</i> .....	5 X 10 <sup>5</sup> cfu/mL
<i>Pseudomonas Stutzeri</i> .....	1 X 10 <sup>5</sup> cfu/mL
<i>Mesorhizobium Opportunism</i> .....	4 X 10 <sup>5</sup> cfu/mL
<i>Bacillus Megaterium</i> .....	4 X 10 <sup>5</sup> cfu/mL
<i>Rhizobium Daejeonense</i> .....	1 X 10 <sup>6</sup> cfu/mL
<i>Paludibacter Propionigenes</i> .....	1 X 10 <sup>6</sup> cfu/mL
<i>Geobacillus Thermodenitrificans</i> .....	4 X 10 <sup>5</sup> cfu/mL

#### Species - Fungi

<i>Mortierella Hyalina</i> .....	2 X 10 <sup>6</sup> ppg/mL
<i>Aspergillus Clavatus</i> .....	4 X 10 <sup>5</sup> ppg/mL
<i>Trichoderma Hypocrea Lixii</i> .....	7 X 10 <sup>4</sup> ppg/mL
<i>Penicillium Citreonigrum</i> .....	1 X 10 <sup>4</sup> ppg/mL

## TOTAL OTHER (INERT) INGREDIENTS

Water based culture media.....	99.99%
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## STORAGE AND HANDLING

- Store in a place out of direct sunlight
- Do not allow to freeze
- Store under 120 degrees F
- Not for human consumption

### BIOACTIVE LiquiLife+™ User Tips and Recommendations - In Furrow, Sprayer/Foliar, Streamer Bar Applications

**BIOACTIVE™ Supercharger:** Put the desired amount of BIOACTIVE™ Supercharger (powder) into a small bucket. Have ready a separate container of dechlorinated water (approximately two times the volume of the powder). While stirring, slowly add the water to the powder. NOTE: The order here is important. Powder first, water second. Thoroughly stir the water into the powder, first to a paste and then to a slurry. This properly mixed slurry will dissolve easily into the BIOACTIVE LiquiLife+™ you have set aside for the crop application.

**Pressure:** Use the largest orifice and reduce pressure to obtain proper application rate. BIOACTIVE LiquiLife+™ can be used as a stand alone product or mixed with products such as liquid fish or molasses. Ideal pressure for coverage and droplet size is 40-50 psi. Lower or higher pressure will not adversely affect BIOACTIVE LiquiLife+™.

**Strainers and Filtering:** 20 mesh Banjo™ T-Strainer or equivalent. Filter BIOACTIVE LiquiLife+™ and all tank mixes using a Banjo™ K-Strainer fitted with 20 mesh filter.

**Maintenance:** Flush tank and booms with clean water after use. Use an approved sanitizer for long term storage or removal of bio-film.

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## PRODUCT OVERVIEW

BIOACTIVE LiquiLife+™ is a liquid biological concentrate that preserves and delivers diverse beneficial microbes for agricultural and horticultural applications. BIOACTIVE LiquiLife+™ stimulates growth and improves plant vigor and nutrient uptake. It may also improve tolerance against drought, salt, heat and stress. Application of LiquiLife+ stimulates microbial activity in the rhizosphere. All biology in BIOACTIVE LiquiLife+™ is naturally occurring with no synthetic or lab grown additives.

## BROAD SPECTRUM MULTI-SPECIES

There are many new and exciting biologicals on the market that promote soil and plant health, but some actually create more issues with handling and stability. Teas can be hard to use and prone to pathogens. Manure-based products can be heavy in salt and not well adapted to soils. Fermented products can be bacterially imbalanced.

## What makes BIOACTIVE LiquiLife+™ unique?

BIOACTIVE LiquiLife+™ is manufactured adhering to stringent quality controls of the plant based, carbon-based culture media. The thousands of microbial species in this product are not limited to the mere 1% of soil microbes that can currently be reproduced in a lab. BIOACTIVE LiquiLife+™ is extremely flexible when used with other fertility inputs and throughout the growing season. Shelf stable for 365 days, this product offers easy handling with the option of being used in place of water in any tank mix.

Contact us for the latest trials, product information, and testimonials.



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