

# Pre-Empt (Soil Profiler)

- Can be sprayed with herbicides, insecticides, fungicides, and nematicides.

## Directions for use:

**Vegetables:** Apply 1 gallon per acre with spray program, 1 gallon in transplant water, 1 gallon weekly through drip irrigation system.

**Citrus:** Apply 1 gallon per acre with spray program.

**Row Crops:** Apply 1-2 gallons in bed and 1 gallon per acre with spray program.

**Sod:** Apply 1 gallon per acre every 2-4 weeks with spray program.

**Golf Course:**

**Fairways -** Apply 1-2 gallons per 100 gallons of water every 1-2 months.

**Greens -** Apply 1 pint per 5000 square feet with spray program.

**Hydroponic:** Test the EC of your source water using a high quality EC meter (check with Distributor). Add approximately 1-2 ounces of Pre-Empt per gallon of water or enough to raise your total EC by 1.0 EC for leafy greens, and 1.5 EC for vine crops. The lower the EC of source water, the longer the reservoir life. The pH will fluctuate using Pre-Empt. If using Pre-Empt as a stand alone product, no pH adjustment is required.

Guaranteed by:  
COASTAL FERTILIZER & SUPPLY INC.  
1275 COMMERCE DRIVE  
LABELLE, FL 33935  
F002175

Coastal Fertilizer & Supply Inc.  
"GROW DIFFERENT"



# Pre-Empt (Soil Profiler)

- Can be sprayed with herbicides, insecticides, fungicides, and nematicides.

## Directions for use:

**Vegetables:** Apply 1 gallon per acre with spray program, 1 gallon in transplant water, 1 gallon weekly through drip irrigation system.

**Citrus:** Apply 1 gallon per acre with spray program.

**Row Crops:** Apply 1-2 gallons in bed and 1 gallon per acre with spray program.

**Sod:** Apply 1 gallon per acre every 2-4 weeks with spray program.

**Golf Course:**

**Fairways -** Apply 1-2 gallons per 100 gallons of water every 1-2 months.

**Greens -** Apply 1 pint per 5000 square feet with spray program.

**Hydroponic:** Test the EC of your source water using a high quality EC meter (check with Distributor). Add approximately 1-2 ounces of Pre-Empt per gallon of water or enough to raise your total EC by 1.0 EC for leafy greens, and 1.5 EC for vine crops. The lower the EC of source water, the longer the reservoir life. The pH will fluctuate using Pre-Empt. If using Pre-Empt as a stand alone product, no pH adjustment is required.

Guaranteed by:  
COASTAL FERTILIZER & SUPPLY INC.  
1275 COMMERCE DRIVE  
LABELLE, FL 33935  
F002175

Coastal Fertilizer & Supply Inc.  
"GROW DIFFERENT"



## Guaranteed Analysis:

Calcium (Ca)	0.02%
Magnesium (Mg)	0.02%
Iron (Fe)	0.01%
Manganese (Mn)	0.01%
Zinc (Zn)	0.01%
Boron (B)	0.002%

Derived from fermented sugar cane molasses

## Non-Plant Food Ingredients:

Molasses	30.00%
----------	--------

*Derived from fermented sugarcane molasses.*

**Purpose:** To increase microbial activity and enhance nutrient uptake.

**CAUTION:**  
KEEP OUT REACH OF CHILDREN  
DO NOT INGEST

TEST PRIOR TO USE FOR PLANT AND CHEMICAL COMPATIBILITY  
**CAUTION:** Not recommended for use on tender leaf plants such as Sweet Pea, African Violets, Japanese Maple, Delicate ferns, etc  
**STORAGE:** Avoid freezing. Keep container closed when not in use  
**DISPOSAL:** No special precautions. Dispose of according to state and local regulations.  
**FIRST AID:** Irritation to eyes and skin. Always make sure sprayer is turned away from eyes. If irritation occurs, flush with water. If irritation persists, seek medical attention.

BUYER ASSUMES ALL RESPONSIBILITY FOR USE, STORAGE, HANDLING, AND DISPOSAL OF THIS PRODUCT NOT IN ACCORDANCE WITH LABEL DIRECTIONS. COASTAL FERTILIZER AND SUPPLY INC AND ITS DISTRIBUTORS LIMIT OF WARRANTY EXTENDS ONLY TO REPLACEMENT OF DEFECTIVE PRODUCT.

## Guaranteed Analysis:

Calcium (Ca)	0.02%
Magnesium (Mg)	0.02%
Iron (Fe)	0.01%
Manganese (Mn)	0.01%
Zinc (Zn)	0.01%
Boron (B)	0.002%

Derived from fermented sugar cane molasses

## Non-Plant Food Ingredients:

Molasses	30.00%
----------	--------

*Derived from fermented sugarcane molasses.*

**Purpose:** To increase microbial activity and enhance nutrient uptake.

**CAUTION:**  
KEEP OUT REACH OF CHILDREN  
DO NOT INGEST

TEST PRIOR TO USE FOR PLANT AND CHEMICAL COMPATIBILITY  
**CAUTION:** Not recommended for use on tender leaf plants such as Sweet Pea, African Violets, Japanese Maple, Delicate ferns, etc  
**STORAGE:** Avoid freezing. Keep container closed when not in use  
**DISPOSAL:** No special precautions. Dispose of according to state and local regulations.  
**FIRST AID:** Irritation to eyes and skin. Always make sure sprayer is turned away from eyes. If irritation occurs, flush with water. If irritation persists, seek medical attention.

BUYER ASSUMES ALL RESPONSIBILITY FOR USE, STORAGE, HANDLING, AND DISPOSAL OF THIS PRODUCT NOT IN ACCORDANCE WITH LABEL DIRECTIONS. COASTAL FERTILIZER AND SUPPLY INC AND ITS DISTRIBUTORS LIMIT OF WARRANTY EXTENDS ONLY TO REPLACEMENT OF DEFECTIVE PRODUCT.

# SAFETY DATA SHEET

## SECTION 1 - Identification

Product Name: Pre-Empt  
Description: Brown liquid

Manufacturer: Coastal Fertilizer & Supply, Inc.  
209 Adams Ave E.  
Immokalee, FL 34142  
Phone: 863-342-8168  
Emergency Contact: Tommy Parker +1 863-342-8168

Product is designed for use in closed NFT Hydroponic systems or can be used in DTW bucket hydroponic systems  
No restrictions on use. Use according to the label.

## SECTION 2 - Hazard identification

Principal hazardous components: N/A

## SECTION 3 - Composition

Natural microbial food source for plant growth made from fermented molasses and natural plant extracts.

## SECTION 4 - First Aid: Irritation to skin and eyes

If irritation occurs flush with water, if irritation persists seek medical attention. Ingestion: drink several glasses of water and seek medical attention

## SECTION 5 – Fire Fighting Measures

Non Flammable Water Based product

## SECTION 6 – Accidental Release Measures

If a spill of the concentrated product occurs:

Respiratory protection - dust mask recommended with significant exposure/handling

Eye protection – goggles recommended with significant exposure/handling

Gloves – recommended with significant exposure/handling

Work/hygienic practices – wash to remove liquid after use

## SECTION 7 – Handling and Storage

Adequate ventilation should be provided.

Store in cool dry place and out of direct sunlight

Liquid product can cause slippery surface if spilled

## SECTION 8 – Exposure controls/personnel protection

Avoid contact with skin and eyes.

If there is a risk of product reaching eye, safety goggles should be worn.

Waterproof gloves should be worn.

In case of spill, clean with water and mop. Dispose of material through land farming practice applying diluted material to grassy areas.

## SECTION 9 – Physical and chemical properties

Boiling Point : >210 Degrees

Vapor Pressure -Not Established

Specific Gravity 1.065 (79 degrees at sea level)

Bulk Density 9.01#/\G

Solubility in Water: Partial

Evaporation Rate: Not Established

Appearance and Odor: Brown/Hay-like odor

**SECTION 10 – Stability and reactivity**

Stability: Stable

Incompatibility (products to avoid): None known

Hazardous decomposition of byproducts: None known

Hazardous polymerization: Will not occur

Condition to avoid: N/A

**SECTION 11 – Toxicological information**

No specific health hazards known.

Route of entry - Inhalation: avoid

Skin: avoid open wound

Ingestion: do not eat

Effect of Overexposure – Potential skin irritation

**SECTION 12 – Ecological information**

The product is made of natural ingredients that pose no hazard to the environment

**SECTION 13 – Disposal considerations**

In case of spill, clean with water and mop. Dispose of material through land farming practice applying diluted material to grassy areas.

**SECTION 14 – Transport information**

Transport material in clean plastic or metal containers.

**SECTION 15 – Regulatory information**

Federal and State labeling regulations apply

**SECTION 16 – Other information**

Latest update: September 24, 2020



# THORNTON LABORATORIES TESTING & INSPECTION SERVICES, INC.

1145 E. Cass St, Tampa, FL 33602  
Phone: 813-223-9702 Fax: 813-223-9332  
WWW.THORNTONLAB.COM

22-Oct-2020  
Page 1 of 1

Report For: Coastal Fertilizer & Supply, Inc.  
209 Adams Ave. E.  
Immokalee, FL 34142  
Attn: Sherry Walker

### Sample Identification:

Liquid Fertilizer  
Id: Pre Empt  
9/30/20

Date Received: 15-Oct-2020

Laboratory Number: 434323

### CERTIFICATE OF ANALYSIS

Method	Parameter	Result	Units
AOAC 993.13	Nitrogen, Total (N)	1.91	%
AOAC 958.01	Phosphate, Total (P2O5)	1.62	%
AOAC 958.02	Potassium, Water Soluble (K2O)	1.44	%

Method	Parameter	Result	Units	Analysis Date / Analyst
SM 9221	Escherichia Coli	< 2	MPN/gm	15-Oct-2020 /CG
EPA 1682	Salmonella	< 2.6	MPN/4gm	15-Oct-2020 /CG

THORNTON LABORATORIES  
Steve Fickett, III