

#### ecoSolv Products

Distributed by Fortis Solutions LLC



### ecoAgra Growth Enhancement

- An amazing breakthrough in agriculture
- Created by nature... and perfected by science



#### **Intro**

ecoAgra<sup>™</sup> is a bio-based noncolloidal plant surfactant formula that can be used on its own, or with fertilizers, pesticides or herbicides.

The nano-scale size of these cleansing molecules allows them to enter the plant cells or the leaves, which causes an accelerated increase in photosynthesis.

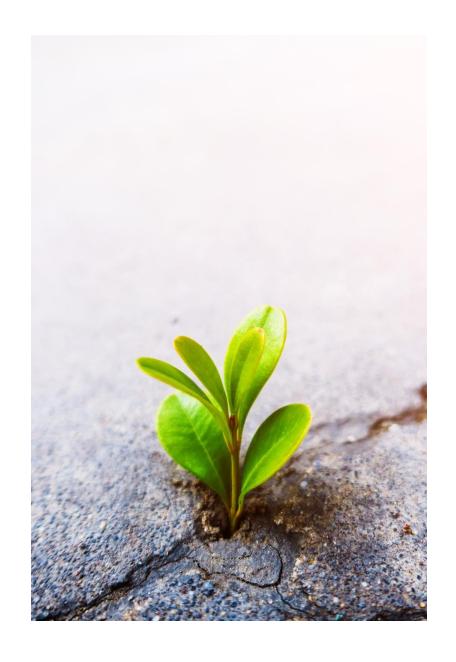
This allows the plant to feed better, as well as grow healthier and stronger. Their healthier root systems also produce larger yields.

## Purpose

- Photosynthesis is the process by which plants utilize the sunlight to produce sugar. Sugar forms the basis for starches, cellulose, waxes, carbohydrates, oils and proteins that are the building blocks for plant growth. The leaf is full of photosynthesis cells.
- When ecoAgra is sprayed on the plant, colloidal Micelles penetrate the pores of the root, stalk and leaf. This results in increased natural photosynthesis.

### The Benefits

- Versatile, and can be used on vegetables, fruits, trees, grass, flowers
- ➤ Helps plants fight disease and pests
- ➤ Allows plants to feed better
- Promotes strong root systems
- Reduces seed germination time



#### Benefits cont.

Faster seed germination due to better moisture absorption

Improved soil health

Soil nutrients are more efficiently delivered to plants Better absorption of N, P, K and micro-nutrients results in an INCREASED CROP YIELD - YEARLY

Increases in yield vary from 10 – 15% or more

Water requirements are reduced by up to 20%

Fertilizer/Herbicide requirements are reduced by up to 20%

### **Additional Benefits**

- Healthier, bigger and stronger plants
- ➤ Helps protect plants from freezes
- ➤ Increased plant growth and crop yields
- ➤ Increases BRIX levels (Natural Plant sugar)
- ➤ Low cost of application, easy to spray



#### Benefits, cont.





Increased Root Mass – greater access to soil nutrient uptake Deeper root mass results in less dependency on water



Less dependency on finite resources

#### **Additional Benefits**

- No EPA or regulatory issues required when spraying
- No health hazards to humans and other animals
- No concerns of chemical drift or watershed runoff
- No special storage or disposal worries

# **Product Information**

- Made in the USA
- Formulated from extracts of corn, soybeans and other crops grown by American Farmers
- Increases the yield of its own ingredients, making it truly sustainable technology

### Product Info, cont.





May be mixed with pesticides and herbicides - always follow instructions on label

Self cleans spray equipment



Shown to have positive impact on Goss' Wilt (field test available)

# **Environmentally Safe**

ecoAgra™ is a readily biodegradable, biobased nano-colloidal plant formula.

#### When used alone:

- ➤ No EPA red flags
- No warning signs needed when spraying
- No concern for chemical drift or run-off
- No protective clothing or respirator needed
- No health hazards
- No special storage needed
- Safe for use around people and animals
- Safe for the environment

## **Cost Effectiveness**



PER GALLON WHEN
DILUTED



ONE GALLON OF EA300 MAKES 300 GALLONS OF READY TO USE SPRAY



SPRAY AT A RATE OF 12
GALLONS OF RTU PER ACRE
- THIS REQUIRES 5.2
OUNCES OF EA300



REDUCTION IN CHEMICAL
USE HAS BEEN
EXPERIENCED BY SOME
FARMERS

## Current Industries Using ecoAgra

- Crop Growers
- ➤ Nursery's and Greenhouses
- > Landscaper's
- Golf Course Operators
- Sports Fields
- Fruit Grove Owners
- Corporate Grounds
- ... and even homeowners!

# Current Countries Using ecoAgra

- Australia
- > Brazil
- Canada
- Columbia
- > India
- Mexico
- Pakistan
- South Africa
- United Kingdom
- United States

#### **Examples**

#### ecoAgra Field Test

#### Conducted By:

Robert Thomassin, President Distrival Canada Limitée Fortierville, Quebec

#### Verified By:

Line Lafrance, Marketing Director

#### SOYA

No chemical fertilizers used, however liquid manure was applied Treated Soya with System "D" while in the seeder

First Spray: Sprayed with ecoAgra and Roundup Ready 3 weeks after sowing

Sowing date: May 28th 2011 Harvest date: October 6th 2011

**Yield Comparison** 

Without ecoAgra: 1.00 ton/acre

With ecoAgra: 1.50 ton/acre, disease free

#### CORN

No chemical fertilizers used, however liquid manure was applied Treated corn seeds while in bags with ecoAgra 12 hours prior to sowing

First spray: ecoAgra with Roundup Ready 3 weeks after sowing Second spray: ecoAgra with System "D" 10 days after 1st spray

Sowing date: May 15th 2011 Harvest date: November 5th 2011

**Yield Comparison** 

Without ecoAgra: 3.75 ton/acre

With ecoAgra: 4.50 ton/acre, disease free



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# Plant Root Examples

- Roots on the left are treated with ecoagra.
- Roots on the right are not.

### Examples, cont.

These pepper seedlings were planted at the same time. The plants on the left were sprayed once with ecoAgra. The difference is obvious, and will result in sweeter crops, higher yield and less water use.



**How to Order** 

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