

83729-1

9/4/2008

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7511C)
1200 Pennsylvania Avenue NW
Washington, DC 20460

EPA Reg. Number: 83729-1
Date of Issuance: 9/4/08

Term of Issuance: Conditional

Name of Pesticide Product: Yea! Yield Enhancing Agent

NOTICE OF PESTICIDE:

X Registration
Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

AgriHouse, Inc.
307 Welch Ave.
Bertoud, Colorado 80513

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.
Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency.
The registration application referred to above, submitted in connection with registration under § 3(c)(7)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you do the following terms and conditions.
1. Submit/cite all data required for registration of your product under FIFRA § 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit production information for this product to Mr. Owen Beeder of Registration Division (7505C) for the fiscal year in which this product is conditionally registered, in accordance with FIFRA § 29.
3. This registration is registered under FIFRA § 3(c)(7)(C) because of outstanding data of your product.

Table with columns for SYMBOL, SURNAME, DATE, CONCURRENCES (with handwritten signatures and dates), and Date.

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You must submit a one year storage stability and corrosion characteristics study by September 20, 2009.

Submit five (5) copies of the revised final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,

*W. Michael McDavit* 9/4/08

W. Michael McDavit, Associate Director  
Biopesticides and Pollution  
Prevention Division (7511P)

# YEA!® Yield Enhancing Agent

**Agricultural, Ornamental, Nursery and Home & Garden Use**

Alternate brand Names: YEA!®, YEA!® for Seeds, YEA!® for Trees, YEA!® for crops, ODC, ECOSEED

When used as directed on this label, YEA!® can boost seed germination and vitality, stimulate emergence and sprouting, enhance plant vigor, promote growth, suppress diseases and pathogens, activate plant resistances to environment stress and disease pressures, including the suppression of parasitic nematodes, increase crops yields, and improve crop quality.

For use as a seed treatment on corn, soybeans, potatoes, vegetables, herbs, grains, legumes, fruit and citrus trees.

For use on grasses, pine and deciduous trees, shrubs, ground covers, bedding plants, and flowers.

## ACCEPTED

SEP 04 2008

**Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 83729-1**

**Active Ingredient:**

Chitosan .....	0.25%
Other Ingredients .....	99.75%
TOTAL .....	100.00%

Product contains 0.021 lb (0.01 kg) of chitosan / gallon

**KEEP OUT OF THE REACH OF CHILDREN**

**CAUTION**

SEE SIDE PANEL FOR A PRECAUTIONARY STATEMENT STATEMENTS

<b>MANUFACTURED BY:</b> AgriHouse, Inc. 307 Welch Ave Berthoud, Colorado 80513		Establishment No. 83729 - X EPA Registration No. _____
Net Contents	<input type="checkbox"/> .1 ml <input type="checkbox"/> 1 ml <input type="checkbox"/> 5 ml <input type="checkbox"/> 1/2 oz <input type="checkbox"/> 1 oz <input type="checkbox"/> 4 oz <input type="checkbox"/> 8 oz <input type="checkbox"/> 12 oz <input type="checkbox"/> 16 oz	<input type="checkbox"/> 500 ml <input type="checkbox"/> 1 liter <input type="checkbox"/> 1 gallon <input type="checkbox"/> 2.5 gallons <input type="checkbox"/> 5 gallons <input type="checkbox"/> 55 gallons

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<b>FIRST AID</b>	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 – 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.</p>	

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals – CAUTION:** Causes moderate eye irritation. Avoid contact with eyes. Wash thoroughly with soap and water after handling.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash waters.

[For 5 gallon product: Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless in accordance with the requirements of National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer without previously notifying the sewage treatment plant authority. For guidance, contact your State Water board or regional Office of the EPA.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear: Long-sleeved shirt, long pants, waterproof gloves, protective eyewear, and shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**DIRECTIONS FOR USE**

It is a violation of federal laws to use this product in a manner inconsistent with its labeling.

To prevent contamination of the dilute solution of YEA!™ by possible pesticide or other chemical residues in the spraying equipment, use dedicated equipment, or be sure that the equipment is thoroughly clean before use.

**For Agricultural Use:**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**Agricultural Use Requirements**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted entry intervals (REI). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not allow worker entry into treated areas until sprays have dried.

PPE requirements for early entry to treated areas (that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water) is:

- coveralls,
- waterproof gloves, and
- shoes plus socks.

**Non-Agricultural Use Requirements**

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses. Keep people and pets off treated areas until spray solution has dried to prevent transfer of this product onto desirable vegetation.

**GENERAL INSTRUCTIONS**

Shake before using. For best results use pH neutral (pH 6.9 to 7.0) mix water. Follow specific crop instructions for dilution rates and application usage. Do not apply within three days of harvesting.

**SEED TREATMENT FOR FOOD CROPS**

**This product can be used as a seed treatment only for all edible food crops.**

**Seed Treatment for True Seed Crops**

- Mix 20 ml into 1 gallon
- Apply directly to seeds. Allow to dry or plant soaked seeds within 60 hours after applying.

**Potato Seed Treatment Applications**

- Pre-dip potatoes prior to planting
- Mix rate: 1 pint into 10 to 50 gallons or more

**NON-FOOD CROP TREATMENT**

**Nursery Crops – Trees & Shrubs**

- Application rate: 1 pint per acre; apply every 30 days as needed.
- Apply by foliar spray, in furrow and/or irrigation
- Mix rate: 1 pint into 20 to 50 gallon or more

**Home & Garden – Trees, Shrubs, Bedding Plants, Flowers and Ornamentals**

- Apply area 1000 sq ft; apply every two weeks as needed
- Apply to soil and spray plants
- May be applied by means of irrigation
- Pre-soak seeds prior to planting
- Mix rate: 20 ml product / gallon

**Turf and Sod**

- Apply area 1000 sq ft; apply every 10 days as needed
- Water area and spray surface area
- May be applied by means of irrigation
- Mix rate: 30 ml product / gallon

**Greenhouse & Horticultural Use – Ornamental Crops**

- Apply area 1000 sq ft; apply every two weeks as needed
- Apply to soil and spray plants
- May be applied by means of irrigation
- Pre-soak seeds prior to planting
- Mix rate: 30 ml product / gallon

**Storage and Disposal**

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store in original container in a cool, dry place, away from sunlight and out of the reach of children and pets. Do not reuse container.

**Pesticide Disposal:** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**Empty Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. (For product less than 5 gallons) [Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.] (For product greater than 5 gallons) [Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. An empty container retains vapor and product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed. Completely empty contents into formulation equipment. Then offer for recycling or reconditioning or, dispose of container in a manner approved by state and local authorities.

**WARRANTY**

AgriHouse Inc. warrants that this product conforms to the chemical description on the label and is reasonable fit for the purposes set forth in the Complete Directions for Use label booklet ("Directions") when used in accordance with those Directions under the conditions described therein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MECHANABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

Manufactured by:

AgriHouse Inc  
307 Welch Ave  
Berthoud, CO 80513  
USA  
Tel 970 532-3554  
Fax 970 532-9800

Batch code: XXX

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**Optional Marketing Claims**

- Natural Elicitor
- Elicitation of plant enzymes for plant vitality
- For Use Throughout the Growing Season
- Easy to Use
- Increases Yields
- Boost Your Production
- Enhance blooms and yields
- Promote Healthier Plants
- Healthier plants resist disease and pathogen attacks
- Improve plant vigor
- Fortifies plant defense mechanisms
- Elicit better crop performance
- Larger Flowers
- Robust Plant Growth Leads to Early Harvest
- Robust Plant Growth Leads to (Increased Yields) (Larger Fruit) (Larger Vegetables)
- Higher Pack-out equals more return per acre
- More large fruit
- Overcomes environmental stress
- Healthier plants develop deeper roots and resist drought
- Elicit immune-like defense responses in the plant
- Healthier plants defend themselves better against nibblers
- Increases germination rates and seed vitality
- Improve sprouting
- Stronger emergence
- Increases bio-mass
- Better Stand Quality
- Induced Systemic Resistance against pathogens and disease
- Alleviate natural defense mechanisms in plants
- Activate natural chemical engines within plants
- Boost Plant Health
- Amendment for better crop performance
- Healthier Stand
- Proprietary Elicitor
- Crop and Yield Promoter