

73550 -2

05/11/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

John Gribble
President
Agresearch Inc.
One Genstar Drive
Joliet, IL 60435

MAY 11 2010

Re: **Registration Review** for Baler Plus
EPA Registration 73550-2
Decision Number 405727
Response to EPA/SRRD Email Dated 12/11/08

Dear Mr. Gribble:

The Agency is in receipt of your revised label submitted January 2, 2009, and has confirmed the specified language with respect to the baling of hay has been added as requested. As previously noted, this change ensures negligible environmental exposure, and therefore, allows the Agency to proceed with a final registration review decision without data call in for the following:

850.4100 Seedling Emergence, Tier 1
850.4150 Vegetative Vigor, Tier 1
830.7050 Ultraviolet/Visible Absorption

The label is acceptable provided the following changes are made:

1. Change the Signal Word from "**DANGER**" to "**DANGER/PELIGRO**"
2. Add the following immediately below the signal word: "Si Usted no entiende la etiqueta, busque a alguien para que se la explique a Usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)"
3. Move the **FIRST AID** box to above the header **PRECAUTIONARY STATEMENTS:**
4. Add the following paragraphs below the section **Hazards to Humans and Domestic Animals:**

"Wear water-proof gloves made of any chemical resistant material, chemical resistant apron, long-sleeved shirt and long pants, chemical resistant footwear, and goggles or face shield when loading application equipment. Avoid working near high concentrations of spray mist/vapor. Use with adequate ventilation. Wash thoroughly after handling.

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them."

5. Add the following text box above the header **Environmental Hazards**:

USER SAFETY RECOMMENDATIONS

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

6. Put the **Storage and Disposal** instructions into a text box to set them off from the rest of the text.
7. Change the CONTAINER DISPOSAL instructions to read:

"Nonrefillable container. Do not reuse or refill this container.

Triple rinse or pressure rinse container promptly after emptying.
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.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow

begins to drip. Hold container upside down over application equipment or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Offer rinsed container for recycling or reconditioning if available, or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke."

One copy of the label stamped "Accepted with comments" is enclosed for your records. This label supersedes all labels previously accepted for this product. Please submit one copy of the final printed label that incorporates the required changes before the product is released for shipment.

The Agency has determined that the registrant may distribute and sell propionic acid products bearing old labels/labeling for 12 months from the date of issuance of this letter. Registrants and persons other than the registrant remain obligated to meet existing stocks requirements applicable to products they sell or distribute.

If you have any questions, please contact Robert Westin by phone at (703) 305-5721 or via email at westin.robert@epa.gov.

Sincerely,

Lisa Jones FOR

Shaja B. Joyner
Product Manager (20)
Fungicide Branch
Registration Division (7504P)

Enclosure: Label stamped "Accepted with Comments"

Baler Plus

BALER PLUS is a pH-balanced blend of acids, and surfactants, formulated to provide maximum preservation on silage, haylage, feed blends, hay, and stored grass forage (alfalfa, bermuda grass, bluegrass, brome grass, clover, cowpea hay, fescue, lespedeza, lupines, orchard grass, peanut hay, peavine hay, rye grass, soybean hay, sudan grass, timothy, vetch, and wheat grass) which is intended only for use as animal feed.

INGREDIENTS:

ACTIVE INGREDIENT	
Propionic Acid	68.0%
OTHER INGREDIENTS:	
	32.0%
Aqua Ammonia, Acetic Acid, Propylene Glycol, Citric Acid, Water, Color.	
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

CAUSES IRREVERSIBLE EYE DAMAGE

BEFORE USING:

See left side panel for First Aid and precautionary statements. See right side panel for directions for use.

Manufactured By:



AGRESEARCH, INC.
1 Genstar Drive
Joliet, IL 60435
Phone: 815/726-0410
Fax: 815/726-0521

NET CONTENTS: 2250 Lb.
PRODUCT CODE: 0600

ACCEPTED
with COMMENTS
In EPA Letter Dated

MAY 11 2010

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

73550-2

PRECAUTIONARY STATEMENTS:

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive. Causes irreversible eye damage. Do not get in eyes, on skin or on clothing. Wear protective eyewear (goggles or face shield) and protective clothing. Harmful if swallowed. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

First Aid:

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lens, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

HOT LINE NUMBER: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 (CHEMTREC) for emergency medical treatment information.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARDS STATEMENT:

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.

PHYSICAL OR CHEMICAL HAZARDS:

Combustible: Do not use, pour, spill, or store near heat or flame.

FOR AGRICULTURE USE ONLY:

The manufacturer makes no warranties, expressed or implied, concerning this product which extend beyond the description on the face hereof due to conditions and uses by buyer beyond our control. All statements made concerning this product apply only when used as directed and proper management is used in storing baled hay. Buyer assumes all responsibility of use, storage and handling of this product.

LOT NO: 37908118

EPA Reg. No.: 73550-2

EPA Est. No.: 73550-IL-001

DIRECTIONS FOR USE:

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Avoid working near high concentration of spray/mist or vapor. Use with adequate ventilation. This product may only be used during the baling process if appropriate baler equipment is used which prevents exposure of non-target organisms to this pesticide product. Do not apply to pre-harvest hay and straw, cut hay and straw in the field prior to baling, or to hay and straw after it has been baled. Apply product to the hay and straw as it is fed into the baler, using the rates on this label. The baler application equipment must prevent drippage and drift, and must function properly and be used/maintained in accordance with the manufacturer's written operation instructions.

FOR USE ON HAY:

- ◆ Do not dilute Baler Plus.
- ◆ Accurately determine moisture content of hay just prior to application.
- ◆ Apply **BALER PLUS** with an approved, calibrated set of low pressure spray nozzles achieving uniform coverage. Stop application immediately in event of spray failure or nozzle plugging.
- ◆ Do not store treated bales directly on dirt.
- ◆ Product color change will not affect performance.

% Moisture	Small Sq. & Lg. Round Bales	Large Sq. Bales (3x3 bales)
12-18	4 Lbs./Ton	5 Lbs./Ton
19-21	5 Lbs./Ton	6 Lbs./Ton
22-23	7 Lbs./Ton	9 Lbs./Ton
24-25	10 Lbs./Ton	12 Lbs./Ton
26-28	15 Lbs./Ton	Do Not Bale
29-30	20 Lbs./Ton	Do Not Bale

****Note:** For first and fourth cutting or rained-on hay, increase above rates by 3-5 pounds per ton.

FOR USE ON SILAGE, HAYLAGE, and FEED BLENDS:

Apply Baler Plus at the following recommended application rates.

CROP	MOISTURE	RATE
Corn Silage	60-70%	2-3 lbs/ton
Small grain silage	60-70%	2-4 lbs/ton
Haylage/Baleage	50-70%	2-4 lbs/ton
Feed Blends (short term storage): 1-3 lbs/ton		

STORAGE AND DISPOSAL:

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

Pesticide Storage: Avoid contamination of stored pesticide with water or caustic. Store in a cool dry place. Keep container out of direct sunlight. Store above -20°F. Keep container closed when not in use.

Pesticide Disposal: Wastes and rinse-water should be used or reprocessed. Wastes can also be disposed of on-site or at an approved waste disposal facility. Open dumping is prohibited.

Container Disposal: Reseal container and offer for reconditioning or triple rinse (or equivalent) and offer for recycling, reconditioning, or disposal in approved landfill.

Pesticide Spillage: Neutralize with sodium carbonate, sodium bicarbonate, chalk, or lime.

General: Consult Federal, State, or Local disposal authorities for approved alternative procedures.