

83222-9

6/13/2012

1/11



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

JUN 13 2012

Jane Miller
Direct AG Source, LLC
c/o Biologic, Inc.
115 Obtuse Hill Road
Brookfield, CT 06804

Subject: Notification per PR Notice 98-10 – Correct typos
Detach Ultra
EPA Reg. No. 83222-9
Application Dated – June 4, 2012

Dear Ms. Miller:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the subject product.

The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10. The label submitted with the application has been date-stamped "Notification" and will be placed in our records.

If you have any questions regarding this letter, please contact Maggie Rudick at (703) 347-0257 or rudick.maggie@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "KM", written over a horizontal line.

Kathryn Montague, Product Manager 23
Herbicide Branch
Registration Division (7505P)

Handwritten initials in black ink, possibly "Sa", written to the right of the typed name.

2/11



United States
Environmental Protection Agency
Washington, DC 20460

| | |
|-------------------------------------|--------------|
| <input type="checkbox"/> | Registration |
| <input type="checkbox"/> | Amendment |
| <input checked="" type="checkbox"/> | Other |

OPP Identifier Number

Application for Pesticide - Section I

| | | |
|--|--|---|
| 1. Company/Product Number 83222-9 | 2. EPA Product Manager K. Davis | 3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted |
| 4. Company/Product (Name) Detach Ultra | PM# 25 | |
| 5. Name and Address of Applicant (Include ZIP Code) Direct AG Source, LLC C/O Biologic, Inc. 115 Obtuse Hill Road Brookfield, CT 06804 <input type="checkbox"/> Check if this is a new address | 6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____ | |

Section - II

| | |
|--|---|
| <input type="checkbox"/> Amendment - Explain below. | <input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated _____ |
| <input type="checkbox"/> Resubmission in response to Agency letter dated _____ | <input type="checkbox"/> "Me Too" Application. |
| <input checked="" type="checkbox"/> Notification - Explain below. | <input type="checkbox"/> Other - Explain below. |

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

This is a notification to correct typos in the label as per PR Notice 98-10. This notification is consistent with the provisions of PR Notice 98-10 and the EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:

| | | | |
|--|---|--|--|
| Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No | Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No | Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No | 2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____ |
| * Certification must be submitted | | If "Yes" Unit Packaging wgt. No. per container | If "Yes" Package wgt No. per container |

3. Location of Net Contents Information
 Label Container

4. Size(s) Retail Container

5. Location of Label Directions

6. Manner in Which Label is Affixed to Product
 Lithograph Paper glued Stenciled Other _____

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

| | | |
|------------------------|----------------|---|
| Name Jane M. Miller | Title Agent | Telephone No. (Include Area Code) (203) 740-1200 |
|------------------------|----------------|---|

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

| | | |
|---------------------------------|-------------------------|--|
| 2. Signature | 3. Title Agent | 6. Date Application Received (Stamped) |
| 4. Typed Name Jane M. Miller | 5. Date June 4, 2012 | |

June 4, 2012

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
US Environmental Protection Agency
One Potomac Yard
2777 S. Crystal Drive
Room S-4900, 4th Floor
Arlington, VA 22202

Attention: Mr. Kable Davis (PM#25)

Re: "Detach Ultra"; EPA Reg. No. 83222-9
Application for Pesticide Notification
Correct Typos

Dear Mr. Davis,

On behalf of Direct AG Source, LLC please find enclosed an Application for Pesticide Notification for the above-mentioned product. This notification is to correct the following typographical errors on the label:

1. Correct the Spanish signal word "Caucion" to "Precaución"
2. On page 5, under the heading "Tank Mix Adjuvants", finish the citation of "40 CFR 180.1001".
3. Under the heading Application Use Rates, add the words, "Maximum application rate of" which was inadvertently left off the original stamped approved label.

This action fits the definition of a Notification and:

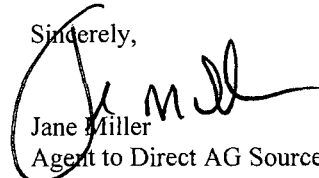
"This notification is consistent with the provisions of PR Notice 98-10 and the EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA."

The following documents are enclosed to process this Notification:

1. Application for Pesticide Notification (EPA Form 8570-1)
2. One (1) copy of the proposed product label with the correct text underlined and the deleted text lined out.
3. One (1) clean copy of proposed labeling.

Should you have any questions, or wish to reach me, please feel free to contact our office at 203-740-1200.

Sincerely,



Jane Miller
Agent to Direct AG Source, LLC

115 Obtuse Hill Road • Brookfield, CT 06804
Tel: 203.740.1200 • Fax: 203.740.1220
Email: jmiller@biologicconsulting.com

DETACH ULTRA

Cotton Defoliant

FOR AGRICULTURAL USE ONLY

ACTIVE INGREDIENT:

Thidiazuron (N-phenyl-N'-1,2,3-thiadiazol-5-ylurea)* 42.4%

OTHER INGREDIENTS: 57.6%

TOTAL: 100.0%

*Contains not less than 4.0 lbs. of thidiazuron per gallon.

NOTIFICATION

JUN 13 2012

KEEP OUT OF REACH OF CHILDREN CAUTION – CAUCION – PRECAUCIÓN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
 (If you do not understand this label, find someone to explain it to you in detail.)

| FIRST AID | |
|--|--|
| IF ON SKIN OR CLOTHING: | <ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice. |
| IF IN EYES: | <ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes; then continue rinsing eye. • Call a poison control center or doctor for treatment advice. |
| IF INHALED: | <ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice. |
| IF SWALLOWED: | <ul style="list-style-type: none"> • Immediately call 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. |
| Have the product container or label with you when calling a poison control center or doctor or going for treatment. | |
| Emergency telephone numbers: (800) 424-9300 (CHEMTREC, transportation and spills) (800) 832-HELP (4357) (Poison Control Center, human health) (800) 345-4735 (ASPCA, animal health) | |

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Caution: Harmful if swallowed, inhaled, or absorbed through the skin. Avoid breathing spray mist. Avoid contact with skin, eyes, and clothing.

EPA Reg. No. 83222-9

Manufactured for:
 Direct AG Source, LLC
 30473 260th Street
 Eldora, IA 50627

EPA Est. No.

NET CONTENTS:

PERSONAL PROTECTIVE EQUIPMENT (PPE)

All mixers, loaders, and other applicators must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

See **ENGINEERING CONTROLS STATEMENTS** for additional requirements.

Follow 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.

ENGINEERING CONTROLS STATEMENTS

Pilots must use an enclosed cockpit that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.240(d)(6)]. When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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.

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 disposing of equipment washwaters or rinsate.

This product may contaminate water through drift of spray in wind. This product has a high potential for runoff for several months or more after application. Poorly draining soil and soils with shallow water tables are more prone to produce runoff that contains this product. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours. Sound erosion control practices will reduce this product's contribution to surface water contamination.

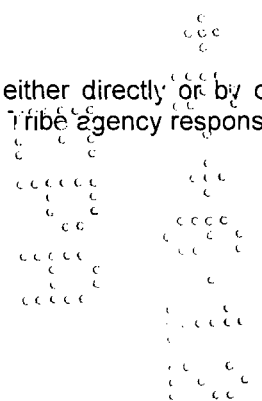
This chemical has properties and characteristics associated with chemicals detected in ground water. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

PHYSICAL OR CHEMICAL HAZARDS

This product is incompatible with strong oxidizing agents such as nitrates, chlorine bleach, or hydrogen peroxide.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not make applications of this product that may contact workers or other persons, either directly or by drift. Protected handlers only are allowed in the area during application. Consult your State or Tribe agency responsible for pesticide regulations for any specific recommendation.



6/11

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 interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required 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
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

PRODUCT INFORMATION

DETACH ULTRA, a harvest aid compound, is used for leaf removal prior to cotton harvest. DETACH ULTRA can be used in aircraft or ground equipment and is easily dispersed in water. The noticeable effect of DETACH ULTRA may take several days. Low temperature and other adverse conditions may require longer times and/or higher dosages for adequate defoliation.

DETACH ULTRA reduces staining of lint during harvesting and ginning by inhibiting regrowth.

USE RESTRICTIONS

- This product is not to be applied through any type of irrigation system.
- Effectiveness of DETACH ULTRA will be reduced if rainfall occurs within 24 hours post application.
- Foliage from treated plants or gin trash is not to be fed to livestock. Do not use immature crops for feed.

Rotation to the following crops requires the minimum of the specified periods below after the last application of DETACH ULTRA:

| ROTATION CROP | PLANTBACK INTERVAL |
|--|--------------------|
| Small grains, sorghum, corn, or root crops (except carrots, onions or sugar beets) | 2 weeks |
| Legumes (including alfalfa) or leafy vegetables (except lettuce and spinach) | 2 months |
| Sugar beets | 4 months |
| Carrots, onions and spinach | 9 months |
| Lettuce (ONLY when soil has been deep-plowed 12-15 inches.) | 9 months |

Prevent spray drift from contacting crops other than mature cotton, since this product may defoliate or injure other plant species.

Mixtures with organophosphate products can increase nontarget crop phytotoxicity. Additional care should be exercised when lettuce, citrus, cantaloupes or any other edible crops are adjacent to DETACH ULTRA treated fields.

RESTRICTIONS TO LOWER SPRAY DRIFT POTENTIAL ONTO NONTARGET CROPS

Under windy conditions, applications of DETACH ULTRA may drift to nontarget crops. The following restrictions will help reduce drift potential:

- When wind speeds exceed ten (10) miles per hour at time of application, do not apply DETACH ULTRA either by air or ground equipment.
- Use a nozzle pressure of 20-30 psi.
- When a temperature inversion is present and/or conditions favor an inversion to develop prior to completing application(s), do not apply DETACH ULTRA.
- In addition, do not apply DETACH ULTRA by air within one-half (1/2) mile of lettuce. If using ground equipment, do not apply DETACH ULTRA within 100 ft. of lettuce.
- In general, a decrease in droplet size or increase in wind speed at the time of application will result in risk to nontarget organisms. Alternatively, if droplet size is coarser or wind speeds are lower, exposures due to drift would be reduced.

7/11

RESTRICTIONS TO LOWER SPRAY DRIFT POTENTIAL IN THE RIO GRANDE VALLEY OF TEXAS

The following restrictions will help reduce the potential for drift:

- If wind speeds exceed ten (10) miles per hour, do not apply DETACH ULTRA either by ground or air. If wind speeds are less than ten (10) miles per hour, follow local recommendations from your State Extension Cotton Specialist.
- Use a nozzle pressure of 20-30 psi.
- When a temperature inversion is present and/or conditions favor an inversion to develop prior to completing application(s), do not apply DETACH ULTRA.
- The maximum nozzle orifice size that provides appropriate coverage and deposition of this product should be used.
- In citrus areas, do not apply DETACH ULTRA by air within five (5) miles downwind of the point of application of citrus in flush. If by ground equipment, do not make DETACH ULTRA within one-half (1/2) mile of citrus.
- In general, a decrease in droplet size or increase in wind speed at the time of application will result in risk to nontarget organisms. Alternatively, if droplet size is coarser or wind speeds are lower, exposures due to drift would be reduced.

TIME OF APPLICATION

DETACH ULTRA defoliant applications are to be made only on mature cotton plants when the uppermost harvestable boll is mature. Boll maturity is defined as: 1) when boll is too hard to be dented when squeezed between thumb and finger; 2) when cutting a cross section with a sharp knife is difficult; 3) when seeds in cross section lack liquid within the seed coat or outer edges of seed coat are light brown; 4) when fully developed cotyledons are present.

Make applications of DETACH ULTRA at least five (5) days before the expected harvest date.

Note: The following conditions will determine adequate defoliation with DETACH ULTRA:

- Cotton is actively growing.
- High relative humidity.
- Cotton plant leaves are turgid and not desiccated.

CONDITIONS

DETACH ULTRA when used alone under low nighttime temperatures (below 60°F) can provide less than expected defoliation and/or regrowth suppression.

DETACH ULTRA performance under low temperature is variable. Temperature should be above 60°F for 2-3 days prior to and following application or reduced defoliation and regrowth suppression exhibited.

DETACH ULTRA on heat- and/or drought-stressed cotton having non-turgid leaves and extremely waxy leaf surfaces may have reduced defoliation and regrowth suppression exhibited.

DETACH ULTRA AS A FOLLOW UP DEFOLIATION TREATMENT

Reduced or unsatisfactory defoliation may occur when DETACH ULTRA is used as a second or follow-up treatment, except when following a prior DETACH ULTRA or THIDIAZURON 50 WP stand-alone or tank mixed application with other defoliant. Also, see **CONDITIONS** section of this label above.

CROP OIL / ADJUVANTS USAGE

Crop oil concentrates (COC's) or penetrating oils approved for agricultural crops have shown to improve performance under low nighttime temperature (60°-65°F) and heat or drought conditions. Follow adjuvant label directions for proper rates.

Adjuvant usage in the desert Southwest (i.e., Arizona and California) is recommended when applying DETACH ULTRA.

PRECAUTION: During periods of high temperature, adjuvants can cause leaf desiccation and/or leaf freezing. Compounds that promote desiccation of leaf tissue are not recommended.

MIXING INSTRUCTIONS

1. Fill spray applicator tank at least one-half full.
2. Start agitation.
3. Add listed rate of DETACH ULTRA.
4. Continue agitation and fill tank with remainder of water.
5. Agitation should continue throughout the application.

TANK MIX ADJUVANTS

Use of a surfactant or compatibility agent is recommended when using tank mixes of DETACH ULTRA and organophosphate defoliants to improve overall defoliation and aid in tank cleanout. Always perform a small jar test for compatibility prior to mixing in the spray tank.

Use only products which are exempt from tolerance under 40 CFR 180.1001.

Follow manufacturer's label instructions of the appropriate adjuvant.

APPLICATION USE RATES

For defoliation of rank cotton, apply a second application to ensure adequate defoliation. **DO NOT** make more than two applications and **DO NOT** exceed a total of 9.6 fl. oz. (0.3 lb. AI/acre).

General Use Rate Information (under normal conditions) for Cotton:

Maximum application rate of 0.125 lb. AI/A.

Maximum application rate of 0.3 lb. AI/A/year

Maximum of 2 applications, but not to exceed 0.3 lb. AI/A/year

General Use Rate Information (under variable conditions, such as during periods of rank growth/high fertilizer conditions, extreme weather conditions such as extended periods of rain and/or low temperatures - 60° to 65° degrees Fahrenheit, as well as on full-season cotton varieties) for Cotton:

Maximum application rate of 0.2 lb. AI/A

Maximum application rate of 0.3 lb. AI/A/year

Maximum of 2 applications, but not to exceed 0.3 lb. AI/A/year

For cutout and mature cotton under normal weather patterns, use this product at 0.05 to 0.10 lb. AI per acre. The 0.05 lb. rate is most effective when used in a tank mix with other cotton defoliant products.

Increased rates of this product above 0.10 lb. of AI per acre to defoliate and control regrowth during periods of rank growth/high fertilizer conditions, extreme weather conditions, such as extended periods of rain and/or low temperatures (60-65°F), and on full-season cotton varieties.

| To Achieve an Application Rate of: | Use This Amount of Product | At the Indicated Rate, One Gallon of Product Will Treat |
|------------------------------------|----------------------------|---|
| 0.125 lbs. AI/A | 4 fl. oz./A | 32 Acres |
| 0.2 lbs. AI/A | 6.4 fl. oz./A | 20 Acres |

Use a sufficient amount of water with specified dosage of DETACH ULTRA defoliant to give complete and uniform coverage of leaf surfaces. For ground equipment, apply 10-25 gallons per acre and by air, use 3-10 gallons per acre.

Maintain agitation during application.

Do not allow mixed spray solution to stand overnight.

DOSAGE

Use 0.1-0.2 lb. AI/acre, (3.2-6.4 fl. oz./acre product). One gallon of DETACH ULTRA will treat 20 - 40 acres. The higher rate should be used under low-temperature conditions (60°-65°F).

When defoliating rank cotton, two applications are sometimes required for adequate defoliation; do not make more than two applications; do not exceed a total of 9.6 fl. oz. (0.3 lb. AI/acre) per season.

ARIZONA ONLY- BOTTOM DEFOLIATION

DETACH ULTRA can be used to help reduce boll rot and hard lock caused by moisture retained in the canopy, by aiding improved air circulation within the cotton canopy. Base product application timing upon the latest date when application equipment will not cause significant crop damage when driving applicator through the cotton crop.

Apply 0.05 lb. AI/acre of DETACH ULTRA (1.6 fl. oz./acre).

Apply DETACH ULTRA only to the bottom 1/3 of the plant.

ARIZONA AND CALIFORNIA ONLY: PRECONDITIONING

DETACH ULTRA can be used to enhance the activity of a defoliant application by acting as a pre-conditioner. Apply DETACH ULTRA 7-14 days prior to the use of other defoliant compounds. Observe all product label directions, restrictions and prohibitions.

Apply DETACH ULTRA at 0.05-0.1 lb. AI/acre (1.6-3.2 fl. oz./acre).

TANK MIX OF DETACH ULTRA AND ETHEPHON CONTAINING COMPOUNDS

Improved defoliation and improved opening of mature bolls can be achieved by tank mixing DETACH ULTRA and Ethephon® 6 or its equivalents. For best results to be obtained, apply to mature cotton plants (See Time of Application section of this label). Wait until unopened bolls have reached adequate maturity not to affect the desired cotton yield. Certified cottonseed producers should consult seed companies as to proper boll and seed maturity requirements for their varieties. Low nighttime temperatures (if expected to be below 60°F) can reduce defoliation and decrease regrowth suppression.

Apply DETACH ULTRA at 0.05-0.2 lb. AI/acre (1.6-6.4 fl. oz./acre) plus Ethephon® 6 at 1-2 lbs. AI/acre (32-64 oz./acre).

Under conditions of excessive regrowth potential or expected low temperatures, use the higher rates of DETACH ULTRA.

TANK MIX OF DETACH ULTRA PLUS ETHEPHON FOR DEFOLIATION ENHANCEMENT

Lower rates of Ethephon® 6 or its equivalents (not high enough to promote boll opening) can be tank mixed with DETACH ULTRA to improve defoliation. Ethephon® 6 can still be used in subsequent applications to promote boll opening following tank mix enhancement applications of DETACH ULTRA and Ethephon® 6. Follow Ethephon® 6 label instructions and do not exceed the maximum usage rate of 2.0 lbs. AI/acre for combined applications.

Apply DETACH ULTRA 0.05 – 0.2 lb. AI/acre (1.6-6.4 fl. oz./acre) plus Ethephon® 6 at 0.25 lb. AI/acre (1/3 pint per acre). If excessive regrowth is anticipated or low temperatures are expected, use the higher rates of DETACH ULTRA.

TANK MIX OF DETACH ULTRA WITH TRIBUFOS PRODUCTS (DEF®/FOLEX®)

Under less favorable conditions, apply tank mixes of DETACH ULTRA and DEF® 6/ FOLEX® 6EC to improve defoliation and regrowth suppression. Conditions such as nighttime temperatures on day of application of less than 60°F and for three consecutive days following application are considered to be less than favorable. Make tank mix application to mature cotton with at least 60% open bolls to achieve best activity.

RATE OF APPLICATION FOR DETACH ULTRA – TRIBUFOS TANK MIXES

DETACH ULTRA at 1.6 to 6.4 fl. oz. /A + DEF® 6 at 0.5- 2.0 pints per acre.

DETACH ULTRA at 1.6 to 6.4 fl. oz. /A + FOLEX® 6 EC at 0.5-2.0 pints per acre.

Always use higher rates of DETACH ULTRA when excessive regrowth is expected.

Organophosphate defoliant and maximum rates of DETACH ULTRA when tank mixed during very high air temperatures can cause desiccation.

Use higher rate of DEF® 6/FOLEX® 6EC when nighttime temperatures are between 60° F - 65° F.

Tank mix of DETACH ULTRA/ DEF®6 / FOLEX® 6EC instructions:

Follow MIXING INSTRUCTIONS and after DETACH ULTRA is completely dispersed; THEN add the required amount of DEF®6 / FOLEX® 6EC to spray tank.

Do not exceed a total of 0.3 lb. AI (9.6 fl. oz.) of DETACH ULTRA per acre per season if a second application of the labeled tank mix is required.

Refer to DEF®6/FOLEX®6EC labels for use directions and cautions concerning those products and tank mixing compatibility with DETACH ULTRA.

10/11

DO NOT USE TANK MIX OF DETACH ULTRA WITH DEF®6 OR FOLEX®6EC IN STARR, HIDALGO, WILLACY, AND CAMERON COUNTIES OF TEXAS.

IMPORTANT CLEANOUT INSTRUCTIONS

When tank mixing organophosphate defoliants with DETACH ULTRA, a residue may form in application equipment. This residue can best be flushed out of the spraying system by using a commercial tank cleaner when done while residue is still fresh and moist. **DO NOT ALLOW EQUIPMENT TO DRY BEFORE CLEANOUT.** Consult your State Extension Cotton Specialist for recommended tank cleaners and cleaning procedures.

Tank cleaner and water should be used immediately after application. The entire system including nozzles, booms, application tanks, sumps, pumps, and transfer lines should be flushed. Allowing the spray solution to dry in the application equipment can result in residues that are more difficult to remove. **Dried residues are extremely difficult to remove and require commercial tank cleaner to remain in equipment filled to capacity for 7 days and then thoroughly flushed and rinsed.**

Spray application equipment that has been inadequately cleaned will contain residue of DETACH ULTRA. The residue may be released during subsequent applications that could cause damage to subsequent crops.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store product at temperature less than 100°F. Re-mix product prior to use if product is exposed to freezing conditions.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. 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 1/4 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. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Returnable-Refillable Containers: Refill this container with Detach Ultra only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from the container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing process two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Prior to refilling, inspect thoroughly for damage such as cracks, punctures, abrasions and damaged or worn out threads on closure devices. Do not refill or transport damaged or leaking containers. Check for leaks after refilling and before transportation. If the container is not being refilled, return it to the point of purchase.

Small, illegible text or markings, possibly bleed-through from the reverse side of the page.

11/11

To the extent consistent with applicable law, DIRECT AG SOURCE, LLC assumes no liability for crop damage due to spray equipment that has not been properly cleaned.

CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of Direct AG Source, LLC or the seller. To the extent consistent with applicable law, all such risks shall be assumed by the buyer. Direct AG Source, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the inherent risks, referred to above. To the extent consistent with applicable law, DIRECT AG SOURCE, LLC MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. To the extent consistent with applicable law, IN NO CASE SHALL DIRECT AG SOURCE, LLC OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. Direct AG Source, LLC and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing Conditions of Sale and Warranty which may be varied only by writing signed by a duly authorized representative of Direct AG Source, LLC.

DEF® is a registered trademark of Bayer Crop Science.
Ethephon 6® is a registered trademark of Micro Flo Company.
FOLEX® is a registered trademark of AMVAC Chemical Corporation.

