



**OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION**

WASHINGTON, D.C. 20460

August 25, 2024

Lisa Mathias  
Registration Specialist  
Winfield Solutions, LLC  
P.O. Box 64589  
St Paul, MN 55164-0589

Subject: Label Amendment - Registration Review Mitigation for Thidiazuron  
Product Name: DETACH ULTRA  
EPA Registration Number: 83222-9  
Application Date: June 30, 2022  
Decision Number: 585575

Dear Lisa Mathias:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Thidiazuron Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. You must

submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Caleb Carr by phone at (202) 566-0636, or via email at [carr.caleb@epa.gov](mailto:carr.caleb@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Linda Arrington", with a stylized flourish at the end.

Linda Arrington, Branch Chief  
Risk Management and Implementation Branch 4  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

ENCLOSURE: Stamped label

# DETACH ULTRA

## [Alternate Brand Name: Daze® 4]

### 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.

This product is a suspension concentrate.

## KEEP OUT OF REACH OF CHILDREN

### CAUTION – 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"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
IF IN EYES:	<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>
IF INHALED:	<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 by mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
IF SWALLOWED:	<ul style="list-style-type: none"><li>• Immediately 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 a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-877-424-7452 for emergency medical treatment.	

SEE BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS, COMPLETE DIRECTIONS  
FOR USE, WARRANTY DISCLAIMER AND LIMITATION OF LIABILITY.

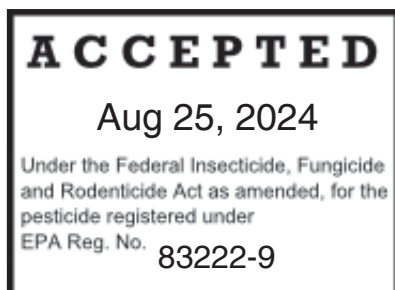
EPA Reg. No. 83222-9

Manufactured for:  
Winfield Solutions, LLC  
P.O. Box 64589  
St. Paul, MN 55164-0589

2/0808/4

EPA Est. No.

NET CONTENTS:



**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.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**All mixers, loaders, and other applicators must wear:**

- Long-sleeved shirt
- 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. 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.

**Runoff Prevention Advisory:**

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

**Pollinator Advisory:**

This product may adversely impact the forage and habitat of local pollinators, including monarch butterfly (and its larvae), birds, or bats if it reaches non-target areas. Protect pollinators by following label directions to minimize spray drift.

**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.

### 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 12 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
- Waterproof gloves
- 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.

### SPRAY DRIFT MANAGEMENT

#### Mandatory Spray Drift Management

For Ground Application:

- Use a nozzle that produces medium spray or coarser spray according to ASABE (ANSI/ASAE) standard S572.1.
- Apply with nozzle height no more than 2 feet above the ground or crop canopy.
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not spray during temperature inversions.
- Do not apply within 100 ft. of lettuce.
- In the Rio Grande Valley of Texas: Do not apply within one-half (1/2) mile of citrus.

For Aerial Application:

- Use a nozzle that produces medium spray or coarser spray according to ASABE (ANSI/ASAE) standard S572.1.
- Do not release spray at a height greater than 10 ft above the crop canopy unless a greater application height is necessary for pilot safety.
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- The spray boom must be mounted on the aircraft so as to minimize drift caused by wing tip or rotor blade vortices. The boom length must not exceed 75% of the wingspan for airplanes or 90% of the rotor blade diameter for helicopters.
- Use ½ swath displacement upwind at the downwind edge of the field.
- Nozzles must be oriented, so the spray is directed toward the back of the aircraft.
- Do not spray during temperature inversions.
- Do not apply within one-half (1/2) mile of lettuce.
- In the Rio Grande Valley of Texas: In citrus areas, do not apply within five (5) miles downwind of the point of application of citrus in flush.

## **Spray Drift Advisories**

The interaction of many equipment and weather-related factors determines the potential for spray products that allow drift. The applicator is responsible for considering all these factors when making application decisions.

### **Importance Of Droplet Size**

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. The presence of sensitive species nearby, the environmental conditions, and pest pressure may affect how an applicator balances drift control and coverage. **APPLYING LARGER DROPLETS REDUCES DRIFT POTENTIAL BUT WILL NOT PREVENT DRIFT IF APPLICATIONS ARE MADE IMPROPERLY OR UNDER UNFAVORABLE ENVIRONMENTAL CONDITIONS!** See Wind, Temperature and Humidity, and Temperature Inversions sections of this label.

#### **Controlling Droplet Size - Ground Boom**

- Volume - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger volumes.
- Pressure - Use the lower spray pressures recommended for the nozzle. Higher pressure reduces droplet size and does not improve canopy penetration. **WHEN HIGHER FLOW RATES ARE NEEDED, USE A HIGHER-CAPACITY NOZZLE INSTEAD OF INCREASING PRESSURE.**
- Nozzle Type - Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles.

#### **Controlling Droplet Size - Aircraft**

- Number of Nozzles - Use the minimum number of nozzles with the highest flow rate that provide uniform coverage.
- Nozzle Orientation - Orienting nozzles so that the spray is emitted backwards, parallel to the airstream with produce larger droplets than other orientations. **AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.**
- Nozzle Type - Solid stream nozzles (such as disc and core with swirl plate removed) oriented straight back produce larger droplets than other nozzle types.
- Boom Length - Longer booms increase drift potential. Therefore, a shorter boom length is recommended.
- Application Height - Application more than 10 ft. above the canopy increases the potential for spray drift.

### **Boom Height**

Setting the boom at the lowest referenced height (if specified) which provides uniform coverage reduces the exposure of droplets to evaporation and wind. For ground equipment, the boom should remain level with the crop and have minimal bounce.

### **Wind**

Drift potential increases at wind speeds of less than 3 mph (due to inversion potential) or more than 10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given wind speed. **AVOID APPLICATIONS DURING GUSTY OR WINDLESS CONDITIONS.**

Note: Local terrain can influence wind patterns. Every applicator needs to be familiar with local wind patterns and how they affect spray drift.

### **Temperature And Humidity**

When making applications in hot and dry conditions, set up equipment to produce larger droplets to reduce effects of evaporation.

### **Temperature Inversions**

Drift potential is high during a temperature inversion. Temperature inversions restrict vertical air mixing, which causes suspended droplets to remain close to the ground and move laterally in a concentrated cloud. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

## Shielded Sprayers

Shielding the boom or individual nozzles can reduce the effects of wind. However, it is the responsibility of the applicator to verify that the shields are preventing drift and not interfering with uniform deposition of the product.

### USE PRECAUTIONS

- **Prevent spray drift from contacting crops other than mature cotton since this product may defoliate or injure other plant species.**
- Effectiveness of DETACH ULTRA will be reduced if rainfall occurs within 24 hours post application.
- Mixtures with organophosphate products can increase nontarget crop phytotoxicity.
- Some crops (e.g., citrus, lettuce, cantaloupes, and others) are sensitive to this chemical and additional care needs to be exercised if these crops are present in adjacent fields.

### USE RESTRICTIONS

- Do not apply this product through any type of irrigation system.
- Do not feed foliage from treated plants or gin trash 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

### USE INSTRUCTIONS

#### **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.

**Pre-harvest Interval:** 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 of the water to be used.
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 defoliant 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 DIRECTIONS**

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.

## **APPLICATION USE RATES**

### **Use Rate Information (under normal conditions) for Cotton:**

Maximum single application rate of 4.0 fl. oz. (0.125 lb. AI) per acre.

Maximum annual application rate of 9.6 fl. oz. (0.3 lb. AI) per acre per year.

Maximum of 2 applications, but not to exceed 9.6 fl. oz. (0.3 lb. AI) per acre per year.

### **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 single application rate of 6.4 fl. oz. (0.2 lb. AI) per acre.

Maximum annual application rate of 9.6 fl. oz. (0.3 lb. AI) per acre per year.

Maximum of 2 applications, but not to exceed 9.6 fl. oz. (0.3 lb. AI) per acre per year.

For cutout and mature cotton under normal weather patterns, use this product at 1.6 to 3.2 fl. oz. (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 3.2 fl. oz. (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.

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) per acre per year.



To Achieve an Application Rate of:	Use This Amount of Product	At the Indicated Rate, One Gallon of Product Will Treat
0.05 lbs. AI/A	1.6 fl. oz./A	80 Acres
0.10 lbs. AI/A	3.2 fl. oz./A	40 Acres
0.125 lbs. AI/A	4 fl. oz./A	32 Acres
0.2 lbs. AI/A	6.4 fl. oz./A	20 Acres

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

#### **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 1.6 fl. oz. (0.05 lb. AI) per acre of DETACH ULTRA.

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 1.6 - 3.2 fl. oz. (0.05 - 0.1 lb. AI) per 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 1.6 - 6.4 fl. oz. (0.05 - 0.2 lb. AI) per acre plus Ethephon® 6 at 1-2 lbs. AI (32-64 oz.) per 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 per acre for combined applications.

Apply DETACH ULTRA 1.6 - 6.4 fl. oz. (0.05 - 0.2 lb. AI) per acre plus Ethephon® 6 at 0.25 lb. AI (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. (0.05 – 0.2 lb. AI) per acre + DEF® 6 at 0.5 - 2.0 pints per acre.

DETACH ULTRA at 1.6 to 6.4 fl. oz. (0.05 – 0.2 lb. AI) per acre + FOLEX® 6 EC at 0.5 - 2.0 pints per acre.

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

Organophosphate defoliants 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 9.6 fl. oz. (0.3 lb. AI) per acre of DETACH ULTRA per acre per year 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.

**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: 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.

**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident, call  
CHEMTREC 1-800-424-9300**

#### **WARRANTY DISCLAIMER**

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