

66222-137

05/14/2007

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs

Registration Division (7505P)

1200 Pennsylvania Ave., N.W.

Washington, D.C. 20460

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

EPA Reg. Number:

66222-
137

Date of Issuance:

5-14-07

Term of Issuance:

Unconditional

Name of Pesticide Product:

Nations Ag II
 Thidiazuron/Diuron EC
 Cotton Defoliant

Name and Address of Registrant (include ZIP Code):

Makhteshim Agan of North America, Inc.
 4515 Falls of Neuse Road, Suite 300
 Raleigh NC 27609

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

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.

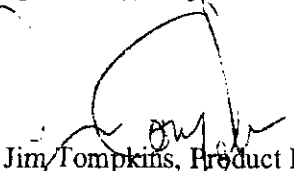
Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is reregistered in accordance with FIFRA section 4(g)(2)(C) provided you agree in writing to:

1. Change the Hazards to Humans and Domestic Animals statement to "Corrosive. Causes irreversible eye damage. Causes skin burns. Harmful if swallowed. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin."
2. Change the PPE statement to "Some materials that are chemical-resistant to this product are made of any waterproof material. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart. All pilots and flaggers must wear: Long-sleeved shirt and long pants, and Shoes plus socks. All mixers, loaders, other applicators and other handlers must wear: Coveralls over long sleeved shirt and long pants, Socks and chemical-resistant footwear, Chemical-resistant gloves, Goggles, face shield or safety glasses, Chemical-resistant apron when mixing/loading or cleaning equipment or spills, and Except for ground boom applicators, a NIOSH approved particulate filtering respirator equipped with N, R, or P class filter media. The respirator should have a NIOSH approval number prefix TC-84A. It is recommended that you require that respirator wearer be fit tested, and trained in the use, maintenance, and

limitations of the respirator.”.

- 3. To the Agricultural Use Requirements Box the early entry PPE needs to be changed to “Coveralls, Shoes plus socks, and Chemical-resistant gloves made of any waterproof material.”.
- 4. To the label add the following spray drift management language “Apply with medium or coarser spray (according to ASAE standard 572) for standard nozzles, (Additional requirements for ground applications) When applying to crops, apply with nozzle height no more than 2 feet above the ground or crop canopy. When applying to non-crop areas, use lowest nozzle height consistent with safety and efficacy. Direct spray into target vegetation. (Additional requirements for aerial applications) The spray boom should be mounted on the aircraft so as to minimize drift caused by wing tip vortices. The boom length must not exceed 75% of the wingspan or 90% of rotor blade diameter. Use upwind swath displacement. When applying to crops, do not release spray at a height greater than 6 to 10 feet above the ground or crop canopy. Do not apply by air if sensitive non-target crops are within 100 feet of the application site.
- 5. Change the company info to reflect the recent transfer.
- 6. To the Warranty Section change “Warrenty” to “Warranty”, “The company makes no” to “To the extent consistent with applicable law, the company makes no”, “All such risks” to “To the extent consistent with applicable law, all such risks”, and “The exclusive remedy” to “To the extent consistent with applicable law, the exclusive remedy”.
- 7. To the label, add “Use of this product in certain portions of California, Oregon, and Washington is subject to the January 22, 2004 Order for injunctive relief in Washington Toxics Coalition, et. al. v. EP, C01-0132C, (W.D.WA)”. For further information, please refer to <http://www.epa.gov/espp/wtc>.

<p>Signature of Approving Official:</p>  <p>Jim Tompkins, Product Manager (25) Herbicide Branch, Registration Division (7505P)</p>	<p>Date:</p> <p>5-14-07</p>
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You will submit one copy of your final printed labeling before you release the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). A stamped copy of labeling is enclosed for your records.

Nations Ag II Thidiazuron/Diuron EC Cotton Defoliant

For Agricultural Use Only

Active Ingredient:

Thidiazuron: N-phenyl-N'-1,2,3-thiadiazol-5-ylurea 12%
 Diuron: 3-(3,4-dichlorophenyl)-1,1-dimethylurea 6%

Inert Ingredients: 82%
Total **100%**

Contains 1lb. Thidiazuron per gallon and .5lb. Diuron per gallon.

EPA REG No. 72167-47

EPA Est. No.

KEEP OF REACH OF CHILDREN DANGER – PELIGRO

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 water for 15-20 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 gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing • 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 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 a poison control center or doctor for treatment advice • Do not induce vomiting unless told to do so by a poison control center or doctor. • Have a person sip a glass of water if able to swallow • Do not give anything by mouth to an unconscious person.

For medical emergencies involving this product call 1-800-308-5391

Have the product container with you when calling a poison control center or doctor or going for treatment.

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

ACCEPTED
with COMMENTS
in EPA Letter Dated

S-14-07

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

66222-137

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive, causes irreversible eye damage. Causes skin burns. Harmful if swallowed, inhaled or absorbed through skin. Do not get in eyes, on skin, or on clothing. Avoid breathing dust or spray mist.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are barrier laminate or butyl rubber. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

All pilots, flaggers and ground boom applicators must wear:

- Coveralls worn over long sleeved shirt and long pants
- Chemical resistant footwear plus socks

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

- Coveralls worn over long sleeved shirt and long pants
- Chemical resistant footwear plus socks
- Chemical resistant gloves such as barrier laminate or butyl rubber gloves
- A NIOSH-approved dust/mist filtering respirator with any N, R, P or HE filter
- Chemical-resistant apron when mixing, loading, or cleaning equipment or spills
- Protective eyewear

Discard clothing and other absorbent material that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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 STATEMENT

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 requirement may be reduced or modified as specified in the WPS.

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)].

Flaggers supporting aerial application must use an enclosed cab that meets the definition in the Worker Protection Standard for Agricultural Pesticides [40 CFR 170.240(d)(5)] for dermal protection. In addition, flaggers must wear long-sleeved shirt, long pants, shoes and socks.

USER SAFETY RECOMMENDATIONS**Users should:**

- Wash hands thoroughly with soap and water after handling and 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

For terrestrial uses, do not apply directly to water, or to areas where surface is present, or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters. Do not apply when weather conditions favor drift from the target area. Apply this product only as specified on this label.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container and keep closed. Store in a cool, dry place. Do not use or store near heat or open flame. Do not contaminate food or foodstuffs.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent); 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.

DO NOT REUSE EMPTY CONTAINER**PHYSICAL OR CHEMICAL HAZARDS**

Do not use or store near heat or open flame

In case of spillage, cover with an absorbent such as soda ash, lime, clay, or sawdust. Sweep up and bury. Wash area thoroughly with detergent and water.

GENERAL INFORMATION

Thidaizuron/Diuron EC is a defoliant to be used as a pre-harvest aid for cotton. Thidiazuron/Diuron EC Cotton Defoliant performs well under both cool and warm weather conditions.

USE PRECAUTIONS

Do not apply this product through any type of irrigation system.

Rainfall within 12 hours after application can reduce effectiveness of Thidiazuron/Diuron EC Cotton Defoliant.

Do not feed foliage from treated cotton plants or gin trash to livestock

Do not plant the following crops **earlier than** the specified periods after application of Thidiazuron/Diuron EC Cotton Defoliant.

Small grains, sorghum, corn, or root crops (except carrots, onions)	Two (2) months
Legumes (including alfalfa) or leafy vegetables (except lettuce)	Two (2) months
Cole crops, garlic, safflower, tomatoes, and watermelons	Two (2) months
Carrots	Three (3) months
Onions	Four (4) months
Cantaloupe, honeydew melon/casaba melon, muskmelon, or peppers	Five (5) months
Lettuce	
With deep-plowing of soil (12-15 inches)	Two (2) months
When soil is only disced (4-6 inches)	Nine (9) months

Cover Crops: small grains and / or legumes intercropped within the cotton crop to which Thidiazuron/Diuron EC Cotton Defoliant will be applied may **only** be use as cover crops and may not be harvested for food or feed. Small grains and/or legumes planted earlier than two (2) months following Thidiazuron/Diuron EC application may **only** be used as cover crops and may not be harvested for food or feed.

Do not plant any other rotational crops (except those specified above) within one year of application of Thidiazuron/Diuron EC.

Do not use immature crops for food or feed.

Do not allow spray drift to contact trees or crops other than the target crop of mature cotton, or cotton you desire to defoliate, as this product may injure or defoliate other crops.

Particular care should be taken when applying Thidiazuron/Diuron EC adjacent to lettuce, citrus, or cantaloupe.

PRACTICES TO LOWER POTENTIAL FOR DRIFT ONTO NON-TARGET CROPS

During applications, particularly under windy conditions, Thidiazuron/Diuron EC Cotton Defoliant may drift to nontarget crops. To help reduce the drift potential, use the following practices:

- Do not apply Thidiazuron/Diuron EC by ground or air when wind speeds exceed ten (10) miles per hour at the time of application. Follow local recommendations if wind speeds of less than ten (10) miles per hour are specified in those recommendations
- Use of low nozzle pressure (20-30 psi) is recommended
- Do not apply Thidiazuron/Diuron EC when a temperature inversion is present or when conditions favor an inversion prior to completing application(s).
- Additionally, do not apply Thidiazuron/Diuron EC by air within one-half (1/2) mile of lettuce. Do not apply Thidiazuron/Diuron EC by ground equipment within 100 feet of lettuce.

PRACTICES TO LOWER DRIFT POTENTIAL ONTO NONTARGET CROPS IN THE RIO GRANDE VALLEY OF TEXAS

To help reduce the drift potential, use the following practices:

- Do not apply Thidiazuron/Diuron EC Cotton Defoliant by ground or air when wind speeds exceed ten (10) miles per hour at a time of application. Follow local recommendations if wind speeds of less than ten (10) miles per hour are specified in those recommendations.
- Use of low nozzle pressure (20-30 psi) is recommended.
- Do not apply Thidiazuron/Diuron EC when a temperature inversion is present or when conditions favor an inversion prior to completing applications.
- Use the largest nozzle orifice possible which permits proper deposition and coverage of product.
- In addition, for citrus crops, do not apply Thidiazuron/Diuron EC by air when citrus in flush is within five (5) miles downwind of the point of application. Do not apply Thidiazuron/Diuron EC by ground when citrus in flush is within one-half (1/2) mile downwind of the point of application.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in manner inconsistent with its labeling

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, an 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.

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 worn over long-sleeved shirt and long pants
- Chemical-resistant footwear plus socks
- Chemical-resistant gloves such as barrier laminate or butyl rubber gloves
- Protective eyewear

TIME OF APPLICATION

Apply Thidiazuron/Diuron EC only to mature cotton plants when the last boll you expect to harvest is mature. A boll can be described as "mature" when it is too hard to be dented when squeezed between them and fingers, is difficult to slice with a sharp knife, and/or when seeds cut in cross sections have fully developed cotyledons, as evidenced by an absence of jelly within the seed.

Apply Thidiazuron/Diuron EC at least 5 days prior to anticipated harvest.

PRECAUTION: The addition of adjuvant can cause desiccation and/or leaf freezing during periods of high temperature. The use of compounds that desiccate leaf tissues is not recommended.

Use of Thidiazuron/Diuron EC Cotton Defoliant under extremely cool or adverse condition can result in less than desirable defoliation and/or growth inhibition.

APPLICATION

Thidiazuron/Diuron EC Cotton Defoliant may be applied by air or ground equipment. Apply specified dosages in 10-25 gallons of spray per acre with ground equipment or 2-10 gallons per acre by aircraft.

DOSAGE

Apply Thidiazuron/Diuron EC Cotton Defoliant at a rate of 0.4 to 1.0 pint of formulated product per acre prior to harvest (see *Application Rate Table*). At some locations, following the initial Thidiazuron/Diuron EC application, it may be necessary to make a second application of

9/10

Thidiazuron/Diuron EC (**DO NOT** exceed 1.0 pint/acre per season), or an application of a standard defoliant.

MIXING INSTRUCTIONS

Fill the spray tank with one-half of the required amount of water. Add the proper amount of Thidiazuron/Diuron EC Cotton Defoliant and start the spray tank agitator. Finish filling the tank with the balance of water needed. Maintain sufficient agitation during both mixing and application to ensure uniformity of the spray mixture.

**PRECONDITIONING
FOR USE IN CALIFORNIA ONLY**

Thidiazuron/Diuron EC may be used as a pre-conditioner to enhance the activity of a defoliant application. Apply Thidiazuron/Diuron EC at 4-6 oz. formulated product per acre. Apply in 10-25 gallons of water per acre by ground or 2-10 gallons of water per acre by aerial application. Timing of application is recommended 7-10 days prior to a defoliation application of Thidiazuron/Diuron EC (see Application Rate Table) or the use of another defoliant. Refer to the second product label prior to use for complete recommendations.

THIDIAZURON/DIRUON EC COTTON DEFOLIANT APPLICATION RATE TABLE		
To Achieve an Application Rate of:	Use This Amount of Thidiazuron / Diuron EC	At the Indated Rate, One Gallon of Thidiazuron / Diuron EC Will Treat:
0.075 lbs. ai/ Acre	0.4 pts. /A (6.4 oz. /A)	20 Acres
0.10 lbs. ai/Acre	0.55 pts. / A (8.8 oz. /A)	15 Acres
0.15 lbs. ai/Acre	0.8 pts. / A (12. 8 oz. /A)	10 Acres
0.1875 lbs. ai/Acre	1.0 pts. / A (16.0 oz. /A)	8 Acres

DO NOT APPLY MORE THAN 1.0 PINT OF THIDIAZURON/DIURON EC PER ACRE PER SEASON.

CLEANOUT INSTRUCTIONS

Do not allow the spray solution to dry in the application equipment. Immediately following application, clean all equipment (mix tanks, pumps, transfer lines, application tanks, sumps, booms, nozzles and all related equipment) thoroughly with cleaner and water. Contact Nations Ag II for additional information regarding tank cleaners which may be helpful in removing fresh residues.

Should small quantities of Thidiazuron/Diuron EC Cotton Defoliant remain in inadequately cleaned equipment, they may be released during subsequent applications and may cause damage to crops. Nations Ag II accepts no liability for damage to crops due to inadequately cleaned equipment.

IMPORTANT: Read the information below using this product. If the terms are not acceptable, you should return the unopened product container immediately for a complete refund.

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LIMITED WARRENTY, TERMS OF SALE, AND LIMITATIONS OF LIABILITY

Upon purchase or use of this product, purchaser and user agree to the following terms:

Warranty: Nations Ag II, LLC, (the Company) warrants that this product conforms to the chemical descriptions on the label in all material respects and is reasonably fit for the purpose referred to in the directions for use, subject to the exceptions noted below, which are beyond the Company's control. The Company makes no other representation or warranty, express or implied, concerning the product, including no implied warranty of merchantability, or fitness for a particular purpose; no such warranty shall be implied by law, and no agent or representative is authorized to make any such warranty on the Company's behalf.

Terms of Sale: The Company's directions for use of this product should be followed carefully. 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, and the manner of use or application (including failure to adhere to label directions), all of which are beyond the Company's control. All such risks are assumed by the user.

Limitation of Liability: The exclusive remedy against the Company for any cause of action relating to the handling or use of this product is a claim for damages, and in no event shall damages or any other recovery of any kind exceed the price of the product which caused the alleged loss, damage, injury or other claim. Under no circumstances shall the Company be liable for any special, indirect incidental or consequential damages of any kind, including loss of profits or income, and any such claims are hereby waived. Some states do not allow the exclusion or limitation of incidental or consequential damages.

The Company and the seller of this product and the purchaser and user accept this product, subject to the foregoing warranty, terms of sale and limitation of liability, which may be varied or modified only by an agreement in writing signed on behalf of the Company by an authorized representative.

Product Use Questions? Call 800-979-8994

Nations Ag II
911 Western Ave., Suite 206
Seattle, WA 98014

Net Contents _____

Thidiazuron/Diuron CD PENDING - DCI update 070206)