

352-593

9-11-2003

Insect  
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

SEP 11 2003

Ms. Rebecca M. Ashley  
Registration Coordinator  
DuPont Crop Protection  
E.I. duPont de Nemours  
Stine-Haskell Research Center  
P.O. Box 30  
Newark, DE 19714-0030

Dear Ms. Ashley:

Subject: Accent Gold® Herbicide  
EPA Registration No. 352-593  
Application and Your Letter Dated August 8, 2003,  
Request To Amend Registration with Updated "First  
Aid Statements and Addition of Resistance Management  
and Integrated Pest Management (IPM) Statements

The proposed subject labeling amendments for the product Accent Gold Herbicide has been reviewed and found acceptable under the Federal Insecticide, Fungicide and Rodenticide Act, (FIFRA) as amended, provided that you:

1. At the next printing of the container label incorporate the use-patterns that are on this supplemental labeling for Tank Mixtures with Callisto® Herbicide for Weed control in Field Corn" which was accepted in Agency's letter dated March 5, 2003.
2. Revise the "Personal Protective Equipment" directions by replacing "Waterproof gloves" with "Chemical-resistant gloves such as barrier laminate or viton".
3. Revise the "Resistance" section by deleting the statement: "If applicable, see the Weeds Controlled section of this label for additional information on managing herbicide resistant weed biotypes." There is no additional resistance information in the "Weeds Controlled" section of the label; therefore, the statement must be deleted to comply with the Code of Federal Regulations, Section 156.10()(5), *False and misleading statements*.

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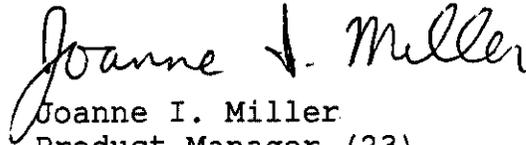
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4. Submit one (1) copy of the final printed labeling before you release this product for shipment under the subject labeling.

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

A stamped copy of the proposed labeling is enclosed for your records.

Sincerely yours,



Joanne I. Miller  
Product Manager (23)  
Herbicide Branch  
Registration Division (7505C)

Enclosure

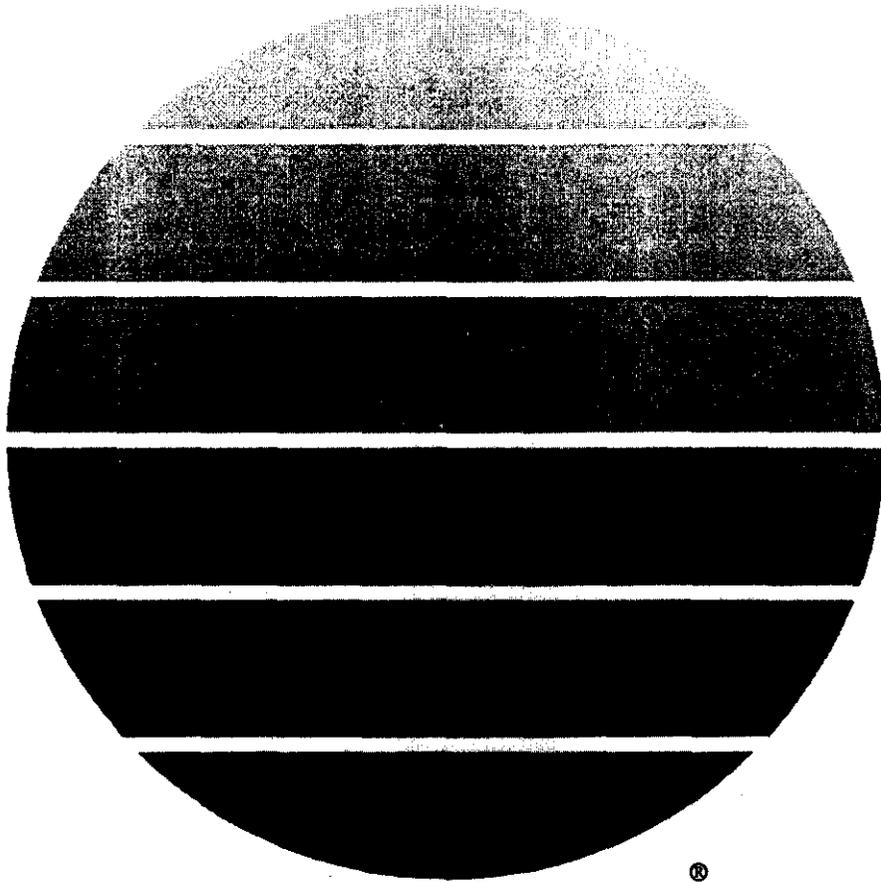


# Accent Gold®

herbicide

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## DRAFT LABEL



*“..... A Growing Partnership With Nature”*

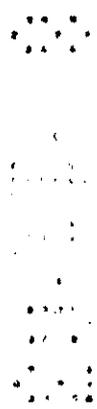
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## ACCENT GOLD® HIGHLIGHTS

- ACCENT GOLD® provides selective postemergence grass and broadleaf weed control in field corn.
- Apply at a rate of 2.9 oz per acre. When packaged in water-soluble packets, each packet treats 4 acres. There are five water-soluble packets per barrier bag. Each barrier bag contains product to treat 20 acres.
- Include an adjuvant as recommended in this label. The use of nitrogen fertilizer is recommended in addition to the use of a crop oil concentrate. See Spray Adjuvants.
- ACCENT GOLD® may be applied by ground, broadcast or banded.
- For ground application, apply in a minimum of 15 gal of water at 20-40 PSI using flat fan nozzles for best results.
- Apply to actively growing grass and broadleaf weeds at the recommended sizes. See Rate.
- Applications to grass and broadleaf weeds or corn under stress may affect the performance of ACCENT GOLD® or in some cases reduce crop tolerance. See Environmental Conditions.
- Consult label text for complete instructions. Always read and follow label directions for use.

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# Accent Gold®

## herbicide

For use in Field Corn

| Active Ingredients   | Percent By Weight |
|--|-------------------|
| Clopyralid<br>3,6-dichloro-2-pyridinecarboxylic acid   | 51.7%             |
| Flumetsulam<br>N-(2,6-difluorophenyl)-5-methyl-1,2,4-triazolo-[1,5a]-pyrimidine-2-sulfonamide                    | 19.1%             |
| Nicosulfuron<br>2-(((4,6-Dimethoxypyrimidin-2-yl)aminocarbonyl)aminosulfonyl)-N,N-dimethyl-3-pyridinecarboxamide | 6.5%              |
| Rimsulfuron<br>N((4,6-dimethoxypyrimidin-2-yl)aminocarbonyl)-3-(ethylsulfonyl)-2-pyridinesulfonamide             | 6.5%              |
| <b>Inert Ingredients</b>   | 16.2%             |
| <b>TOTAL</b>   | 100.0%            |

EPA Reg. No. 352-593

### KEEP OUT 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 IN EYES:** 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 SWALLOWED:** 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 the 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, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-441-3637 for emergency medical treatment information.

### PRECAUTIONARY STATEMENTS

#### HAZARD TO HUMANS AND DOMESTIC ANIMALS

**DANGER!** Causes irreversible eye damage. Do not get in eyes or on clothing. Harmful if swallowed, inhaled or absorbed through skin. May cause skin sensitization reactions in certain individuals. Avoid breathing dust or spray mist.

Avoid contact with eyes, skin or clothing.

#### PERSONAL PROTECTIVE EQUIPMENT

*Applicators and other handlers must wear:*

Long-sleeved shirt and long pants.

Waterproof gloves.

Shoes plus socks.

Protective eyewear.

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

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### USER SAFETY RECOMMENDATIONS

**Users should:** Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Remove PPE immediately after handling this product. Wash 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 apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

Flumetsulam is known to leach through soil into ground water under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

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

Caution should be exercised when handling this product at mixing and loading sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

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## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This labeling must be in possession of the user at the time of pesticide application.

Do not apply this product in a way that contacts workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry 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 48 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.
- Protective eyewear.

DuPont ACCENT GOLD® should be used only in accordance with recommendations on this label or in supplemental DuPont publications. DuPont will not be responsible for losses or damage resulting from use of this product in any manner not specifically recommended by DuPont.

## GENERAL INFORMATION

ACCENT GOLD® herbicide is a combination of two water-dispersible granules, one containing 75% and the other 85.6% active ingredient by weight.

ACCENT GOLD® is a selective herbicide for control of certain grasses and broadleaf weeds when applied postemergence to field corn. Make only one ACCENT GOLD® application per season.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated  
SEP 11 2003

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
352-593

## WHEN TO APPLY

### TIMING TO CROP STAGE

ACCENT GOLD® can be applied to corn up to 12 inches tall. Do not apply to corn taller than 12 inches or exhibiting 6 leaf collars, whichever is the more restrictive.

Apply ACCENT GOLD® to field corn hybrids with a Relative Maturity (RM) rating of 88 days or more. Not all Hi-Lysine, or white corn, nor field corn hybrids of less than 88 day RM have been tested, nor does DuPont have access to all seed company data. Consequently, injury arising from the use of ACCENT GOLD® on these types of corn is the responsibility of the user. Consult with your seed supplier before applying ACCENT GOLD® to any of these corn types.

Do not apply to field corn grown for seed, to popcorn or to sweet corn.

### TIMING TO WEEDS

Apply ACCENT GOLD® when grass and broadleaf weeds are young and actively growing, but before they exceed the sizes listed on this label.

- Applications to weeds at growth stages greater than those listed below may result in incomplete control.
- Adequate soil moisture is required for residual activity. Rainfall or sprinkler irrigation within 5 days after application will enhance ACCENT GOLD® residual activity. If an activating rainfall or sprinkler irrigation (>0.5 inch or to wet the soil to 2") is not received within 5 days after application, follow with a shallow cultivation or with a sequential application of DuPont ACCENT® herbicide, if needed. See Cultivation or Sequential ACCENT® Applications.

### RATE

- Apply ACCENT GOLD® at 2.9 oz per acre for control of grasses and weeds listed below.
- When packaged in water-soluble packets, apply ACCENT GOLD® at a rate of one water soluble packet per 4 acres for control of the grass and broadleaf weeds listed below. One packet contains 11.6 oz product. Each barrier bag contains 5 water-soluble packets which will treat 20 acres.

| Acres Treated | ACCENT GOLD®<br>Packets Required |
|---------------|----------------------------------|
| 4             | 1                                |
| 8             | 2                                |
| 16            | 4                                |
| 24            | 6                                |
| 32            | 8                                |
| 40            | 10                               |

- Do not use less than 2.9 ounces of ACCENT GOLD® per acre.

DuPont ACCENT GOLD® may be applied to fields previously treated with 0.7 ounces per acre or less of "Python" WDG herbicide. ACCENT GOLD® should not be applied to fields previously treated with "Broadstrike" + "Dual" in the same cropping season. Do not use ACCENT GOLD® and "Hornet" on field corn in the same cropping season. Do not use ACCENT GOLD® and "Stinger" on field corn in the same cropping season.

**WEEDS CONTROLLED**

| <i>Grasses</i>          | <i>Maximum Weed Height at Application</i> |
|-------------------------|---|
| Foxtails                |   |
| Bristly                 | 3"  |
| Giant                   | 3"  |
| Green                   | 3"  |
| Yellow                  | 3"  |
| Barnyardgrass           | 3"  |
| Crabgrass, Large        | 1"  |
| Panicum, Fall           | 3"  |
| Shattercane*            | 6"  |
| Johnsongrass, seedling* | 8"  |
| Quackgrass*             | 8"  |
| Wild oats               | 2"  |
| Volunteer cereals       | 2"  |
| Millet, Wild Proso *    | 2"  |
| Cupgrass, woolly *      | 1"  |
| Sandbur, Field          | 2"  |

\* Subsequent flushes of these species may require additional control measures such as a sequential application of ACCENT Herbicide or a cultivation to achieve optimal control.

**Broadleaves**

|   |    |
|---|----|
| Velvetleaf                              | 6" |
| Cocklebur, common                       | 6" |
| Pigweeds (including triazine resistant) | 4" |
| Ragweeds                                |    |
| Common                                  | 6" |
| Giant                                   | 6" |
| Smartweed, PA                           | 6" |
| Jimsonweed                              | 6" |
| Sunflower                               | 6" |

**Partial Control**

|                           |    |
|---------------------------|----|
| Lambsquarters             | 2" |
| Nightshade, Eastern black | 2" |
| Waterhemp                 | 2" |
| Yellow nutsedge**         | 2" |
| Canada thistle**          | 4" |
| Common milkweed**         | 4" |
| Hemp dogbane              | 4" |

\*\* Above-ground portions only.

**SPRAY ADJUVANTS**

Applications of ACCENT GOLD® must include crop oil concentrate. In addition, an ammonium nitrogen fertilizer is recommended. More information on adjuvant selection may be found in the bulletin "Approved Adjuvants for Use With DuPont Row Crop and Cereal Herbicides."

**Crop Oil Concentrate (COC)**

- Apply at rate (concentration) of 1% v/v (1 gal per 100 gal spray solution).
- Under arid conditions such as those found in the High Plains, apply at rate (concentration) of 2% v/v (2 gal/100 gal spray solution).
- The crop oil concentrate must be high quality, petroleum or vegetable seed oil-based product (methylated seed oil is considered a vegetable seed-based oil). Petroleum based oils must contain at least 14% emulsifiers/surfactants.

**Ammonium Nitrogen Fertilizer**

An ammonium nitrogen fertilizer is recommended in addition to the crop oil concentrate.

- Always use a high-quality ammonium nitrogen fertilizer such as 28-0-0 (at 2-4 qt./acre) or 10-34-0 or 11-37-0 (at 1-2 qt./acre) or spray grade ammonium sulfate (21-0-0) at 2-4 lb/acre. Use the higher rate under arid or droughty conditions.
- Do not use liquid nitrogen fertilizers without a crop oil concentrate.
- Liquid nitrogen fertilizers should not be used as the total carrier solution.

**MIXING INSTRUCTIONS**

For all application systems, use 50-mesh or larger strainer screens.

1. Fill the tank 1/4 to 1/3 full of water.
2. While agitating, add the required amount of ACCENT GOLD®.
3. Continue agitation until the ACCENT GOLD® is fully dispersed, at least 5 minutes.
4. Once the ACCENT GOLD® is fully dispersed, maintain agitation and continue filling tank with water. ACCENT GOLD® should be thoroughly mixed with water before adding any other material.
5. As the tank is filling, add the desired tank mix partners and then add the required spray adjuvants (crop oil concentrate or nitrogen fertilizer).
6. If the mixture is not continuously agitated, settling will occur. If settling occurs, thoroughly re-agitate before using.
7. Apply ACCENT GOLD® spray mixture within 4 hours of mixing to avoid product degradation. If spray mixture will not be applied within 4 hours and either 28-0-0 or ammonium sulfate was used as the nitrogen source, either add 1 qt./acre of 10-34-0 or 11-37-0, or a commercial tank buffer that will raise the tank pH to 7.0. If 10-34-0 or 11-37-0 was used as the liquid nitrogen source, do not add additional fertilizer or buffer solution to the spray tank.
8. If ACCENT GOLD® is applied in multiple loads, consider pre-slurrying the ACCENT GOLD® in clean water prior to adding to the next load. This prevents the crop oil concentrate from interfering with dissolution of ACCENT GOLD®.

**Proper Handling Instructions**

This product may not be mixed or loaded within 50 feet of any wells (including abandoned wells and drainage wells), sink holes, perennial or intermittent streams and rivers, and natural or impounded lakes and reservoirs. This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or properly diked mixing/loading areas.

Operations that involve mixing, loading, rinsing, or washing of this product into or from pesticide handling or application equipment or containers within 50 feet of any well are prohibited unless conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be positioned on or moved across the pad. Such a pad shall be designed and maintained to contain any product spills or equipment leaks, container or equipment rinse or washwater, and rainwater that may fall on the pad. Surface water shall not be allowed to either flow over or from the pad, which means the pad must be self contained. The pad shall be sloped to facilitate material removal. An unroofed pad shall be of sufficient capacity to contain at a minimum 110% of the capacity of the largest pesticide container or application equipment on the pad. A pad that is covered by a roof of sufficient size to completely exclude precipitation from contact with the pad shall have a minimum containment capacity of 100% of the capacity of the largest pesticide container or application equipment on the pad. Containment capacities as described above shall be maintained at all times. The above specific minimum containment capacities do not apply to vehicles when delivering pesticide shipments to the mixing/loading site. States may have in effect additional requirements regarding wellhead setbacks and operational containment.

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

Do not use flood irrigation to apply or incorporate this product.

Product must be used in a manner which will prevent back siphoning in wells, spills or improper disposal of excess pesticide, spray mixture or rinsates.

**Additional Use and Handling Information for DuPont ACCENT GOLD®**

Five Soluble Packets are contained in a waterproof, resealable bag. The individual Soluble Packets will dissolve completely in water. Open the outer resealable bag and remove the required number of Soluble Packets and follow the mixing instructions above.

- To apply the correct rate per acre, use one 11.6 oz Soluble Packet for every 4 treated acres.

**Precautions**

- The outer resealable bag is NOT soluble in water. DO NOT place it in the spray tank.
- Exposure to moisture or excessive handling of the Soluble Packets will cause them to break.
- Do not touch the packets with wet hands or place them on wet surfaces.
- Protect unused Soluble Packets by resealing them in the resealable bag.

**TANK MIX APPLICATIONS**

**For Additional Control of Broadleaf Weeds**

ACCENT GOLD® may be tank mixed with the herbicides listed below for control of broadleaf weeds not listed in the RATE section. See the tank mix partner label for weeds controlled, weed sizes and application conditions.

Crop oil concentrate must be used in all tank mixes. See SPRAY ADJUVANTS for adjuvant rate recommendations.

|            | <b>Rate/A</b> | <b>Adjuvant</b> |
|------------|---------------|-----------------|
| Atrazine   | 1/4 - 1 lb    | COC             |
| "Clarity"  | 1/8 - 1/4 pt  | COC             |
| "Banvel"   | 1/8 - 1/4 pt  | COC             |
| "Marksman" | 1/2 - 1 pt    | COC             |

**Additional Information**

- A corn plant's predisposition to develop fused tissue emerging from the whorl (rattail) after the V-11 stage may increase when a product containing dicamba ("Banvel", "Clarity", "Marksman") is applied to small corn under early stressful conditions. Be aware of this when applying tank mixes with dicamba to small corn (V-3 stage or smaller) under stressful conditions. See ENVIRONMENTAL CONDITIONS for a description of these stressful conditions.

ACCENT GOLD® may also be tank mixed with DuPont ASANA® XL or DuPont LANNATE® insecticides.

ACCENT GOLD® should not be tank mixed with DuPont BLADDEX® herbicide, "Basagran" and "Laddok" or severe crop injury may occur.

ACCENT GOLD® should not be tank mixed with 2,4-D - containing products as severe grass control antagonism may occur.

ACCENT GOLD® should not be tank mixed with foliar-applied organophosphate insecticides such as "Lorsban", malathion, parathion, etc., as severe crop injury may occur.

To avoid crop injury or antagonism, apply these products at least seven days before or 3 days after the application of ACCENT GOLD®.

**APPLICATION INFORMATION**

Many crops are highly sensitive to ACCENT GOLD®. All direct or indirect contact (such as spray drift) with crops other than field corn should be avoided. See Spray Drift section.

**GROUND APPLICATION**

Ensure that spray equipment is set up to avoid applying an excessive rate directly over the rows and into the corn plant whorl. Overlaps or starting, stopping, slowing and turning while spraying may result in crop injury.

**Broadcast Application**

- Use a minimum of 15 gal. of water per acre (15 GPA) for best performance.
- Use flat fan or Spraying Systems Turbo Floodjet nozzles at 20-40 PSI.
- Increase both spray volume and pressure as weed density and size increase.

- Do not use flood, hollow cone, rain drop, whirl chamber, controlled droplet applicator (CDA) nozzles or air assisted sprayers. Unacceptable crop injury, excessive spray drift, or poor weed control may result.
- For proper spray coverage, adjust the boom and nozzle height according to manufacturers' specifications.

**Band Application**

- For band applications, use proportionately less spray mixture.
- To avoid crop injury, carefully calibrate the band applicator to not exceed the labeled rate.
- Carefully follow the manufacturer's instructions for nozzle type (flat fans), orientation, distance of nozzles from the crop and weeds, spray volumes, calibration and spray pressure.

**CHEMIGATION**

DuPont ACCENT GOLD® should not be applied through any type of irrigation system.

**ENVIRONMENTAL CONDITIONS AND BIOLOGICAL ACTIVITY**

ACCENT GOLD® is rainfast in six hours.

ACCENT GOLD® rapidly inhibits the growth of susceptible weeds, reducing weed competition within as little as 6 hours after application. Susceptible plants are controlled in 7-21 days.

The degree and duration of control depend on spray coverage, activating rainfall, weed spectrum, weed size, growing conditions before and after treatment, soil moisture, and adjuvant selection.

Adequate soil moisture is required for optimum activity. Rainfall or sprinkler irrigation within 5 days will enhance ACCENT GOLD® residual activity. A timely cultivation may be required for maximum weed control without an activating rain.

Treating weeds that exceed maximum label height or that are under stress may result in incomplete control.

- Poor weed control or crop injury may result from applications made to plants under stress from:
  - abnormally hot or cold weather
  - environmental conditions such as drought, water-saturated soils, hail damage, or frost
  - disease, insect, or nematode injury
  - prior herbicide, or carry-over from a previous year's herbicide application

If the corn or weeds are under stress, delay application until stress passes and both weeds and corn resume active growth. If weeds or corn are beyond the maximum size listed on this label, an application of ACCENT Herbicide should be made. See the Accent label for tank mix partner information.

Applications should be made when minimum nighttime temperatures are above 40°F and the maximum daytime

temperatures are below 92°F to maximize performance and minimize the potential for crop injury.

Applications made during or immediately following periods of large day/night temperature fluctuations or where daytime temperatures do not exceed 50°F may decrease weed control and increase the potential for crop injury.

**SOIL INSECTICIDE INTERACTION INFORMATION**

Before using ACCENT GOLD®, ensure that it is compatible with any other insecticides previously applied to the corn crop.

**Conventional Field Corn and "IT" Hybrids**

| Soil Insecticides | Application Method  | Soil O.M. | ACCENT GOLD® Use Precautions    |
|-------------------|---------------------|-----------|---------------------------------|
| "Counter" 15G     | All                 | All       | Do not use.                     |
| "Counter" 20CR    | All                 | All       | Do not use.                     |
| "Lorsban"         | All labeled methods | All       | May result in temporary injury. |
| "Thimet"          | All labeled         | All       | Do not use.                     |
| "Fortress"        | All                 | All       | No use precautions.             |
| "Force"           | All                 | All       | No use precautions              |
| "Aztec"           | All                 | All       | No use precautions              |

**Herbicide-Resistant Field Corn**

- ACCENT GOLD® may be used on fields treated with "Counter" 15G, "Counter" 20C or "Thimet" (applied in-furrow, T- or surface-banded) if the field has been planted with an imidazilinone-resistant ("IR") hybrid such as Pioneer 3377 IR, Pioneer 3180IR, etc.
- For ACCENT GOLD® applied to imazethapyr-tolerant ("IT") field corn hybrids, follow directions above for Conventional and "IT" Field Corn.

**SEQUENTIAL ACCENT® APPLICATIONS**

An application of DuPont ACCENT® herbicide may be made 14 or more days after ACCENT GOLD® applications to control grasses that may emerge in the absence of an activating rainfall. Refer to the ACCENT® label for grass species controlled, proper size of weeds, rates, corn sizes, and other information. When following a ACCENT GOLD® application, do not use more than 1 oz ACCENT® per acre.

**CULTIVATION**

A timely cultivation may be used to control suppressed weeds, or weeds that emerge after an application of ACCENT GOLD® in the absence of an activating rainfall.

- Optimum timing for cultivation is 7-14 days after ACCENT GOLD® application or upon seeing the establishment of new weeds.

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## SPRAYER PREPARATION/CLEANUP

It is important that spray equipment is clean and free of previous pesticide deposits before using DuPont ACCENT GOLD® and then properly cleaned out following application. Clean all application equipment before applying ACCENT GOLD®. Follow the cleanup procedures specified on the label of the product previously sprayed. If no cleanup procedure is provided, use the procedure that follows. Immediately following applications of ACCENT GOLD®, thoroughly clean all mixing and spray equipment to avoid subsequent crop injury.

### Note:

- When cleaning spray equipment before applying ACCENT GOLD®, read and follow label directions for proper rinsate disposal of the product previously sprayed.
- When spraying or mixing equipment will be used over an extended period to apply multiple loads of ACCENT GOLD®, partially fill the tank with fresh water at the end of each day of spraying, flush the boom and hoses, and allow to sit overnight.

### Cleanup Procedure

1. Drain the tank and thoroughly hose down the interior surfaces. Flush the tank, hoses, and boom with clean water for a minimum of 10 min.
2. Partially fill the tank with clean water and add one gal of household ammonia\* (containing 3% active) for every 100 gal of water. Finish filling the tank with water, then flush the cleaning solution through the hoses, boom, and nozzles. Add more water to completely fill the tank and allow to agitate/recirculate for at least 15 min. Again, flush the hoses, boom, and nozzles with the cleaning solution, then drain the tank.
3. Repeat Step 2.
4. Remove the nozzles and screens and clean separately in a bucket containing the cleaning agent and water.
5. Thoroughly rinse the tank with clean water for a minimum of 5 min, flushing the water through the hoses and boom.

\*Equivalent amounts of an alternate strength ammonia solution or a tank cleaner recommended in the DuPont bulletin "Sulfonylurea Herbicides, A Guide to Equipment Cleanout," may be used.

## CROP ROTATION

Rotational crops vary in their response to low concentrations of ACCENT GOLD® remaining in the soil. The amount of ACCENT GOLD® which may be present in the soil depends on soil pH and organic matter content, elapsed time since application, crop production practices, and environmental factors .

The following rotational intervals should be observed when using ACCENT GOLD®:

| Crop   | Interval in Months      |
|--|-------------------------|
| Field Corn                                     | Anytime                 |
| Seed corn, Popcorn                             | 10.5                    |
| Winter Cereals                                 | 4                       |
| Spring Cereals                                 | 8                       |
| Grain Sorghum                                  | 12                      |
| Soybeans <sup>†</sup> , Dry Beans <sup>†</sup> | 10.5                    |
| Alfalfa <sup>††</sup>                          | 10.5                    |
| Peas, potatoes, sunflower, sweet corn          | 18                      |
| All Other Crops <sup>†</sup>                   | 26 and field bioassay** |

<sup>†</sup> For low moisture (less than 15 inches annual rainfall) and low organic matter (less than 2%) areas, dry beans and soybeans should not be planted until 18 months after treatment.

<sup>‡</sup> Rotation to sugarbeets, canola and all other crops requires a 26-month rotation interval and a successful bioassay.

\*\*Field Bioassay Instructions: Using typical tillage, seeding practices and timings for the particular crop, plant several strips of the desired crop variety across the field previously treated with ACCENT GOLD®. Plant the strips perpendicular to the direction ACCENT GOLD® was applied. The strips should also be located so that different field conditions are encountered, including differences in soil texture, pH and drainage. If the crop does not show visible symptoms of injury, or stand reduction, the field can be seeded with the test crop in the growing season following the bioassay. If visible injury, stand reduction, or yield reduction occurs, the test crop should not be seeded, and the bioassay must be repeated the next growing season.

<sup>††</sup>Except where the soil pH is greater than 8, in which case the interval is 12 months.

- For tank mixes, follow the most restrictive provisions of the tankmix components.

## SPRAY DRIFT MANAGEMENT

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

**AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.**

### IMPORTANCE OF DROPLET SIZE

The most effective way to reduce drift potential is to apply large droplets (>150 - 200 microns). 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 - General Techniques**

- **Volume** - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- **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.

### **BOOM HEIGHT**

Setting the boom at the lowest labeled 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 GUSTY OR WINDLESS CONDITIONS.**

**Note:** Local terrain can influence wind patterns. Every applicator should 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 small 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.

## **RESISTANCE**

When herbicides that affect the same biological site of action are used repeatedly over several years to control the same weed species in the same field, naturally-occurring resistant biotypes may survive a correctly applied herbicide treatment, propagate, and become dominant in that field. Adequate control of these resistant weed biotypes cannot be expected. If weed control is unsatisfactory, it may be necessary to retreat the problem area using a product affecting a different site of action.

To better manage herbicide resistance through delaying the proliferation and possible dominance of herbicide resistant weed biotypes, it may be necessary to change cultural practices within and between crop seasons such as using a combination of tillage, retreatment, tank-mix partners and/or sequential herbicide applications that have a different site of action. Weed escapes that are allowed to go to seed will promote the spread of resistant biotypes. If applicable, see the Weeds Controlled section of this label for additional information on managing herbicide resistant weed biotypes.

It is advisable to keep accurate records of pesticides applied to individual fields to help obtain information on the spread and dispersal of resistant biotypes. Consult your agricultural dealer, consultant, applicator, and/or appropriate state agricultural extension service representative for specific alternative cultural practices or herbicide recommendations available in your area.

## **INTEGRATED PEST MANAGEMENT**

This product may be used as part of an Integrated Pest Management (IPM) program that can include biological, cultural, and genetic practices aimed at preventing economic pest damage. IPM principles and practices include field scouting or other detection methods, correct target pest identification, population monitoring, and treating when target pest populations reach locally determined action thresholds. Consult your state cooperative extension service, professional consultants or other qualified authorities to determine appropriate action treatment threshold levels for treating specific pest/crop systems in your area

## **IMPORTANT PRECAUTIONS**

- If any ALS (acetolactate synthesis) inhibiting herbicides such as "Pursuit", CANOPY®, CLASSIC®, "Scepter", "Squadron", etc., were applied the previous year, apply DuPont ACCENT GOLD® to corn only if the rotational restrictions to corn for these products have been met.
- Injury to or loss of desirable trees or vegetation may result from failure to observe the following:
  - Do not apply ACCENT GOLD® or drain or flush application equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots.
  - Do not use on lawns, walks, driveways, tennis courts, or similar areas.
  - Prevent drift of spray to desirable plants.

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- Do not contaminate any body of water.
- Thoroughly clean application equipment immediately after use. (See the Sprayer Cleanup section of this label for instructions.)
- Do not harvest corn or graze or feed forage, hay, or straw from treated areas to livestock within 85 days of ACCENT GOLD® application.
- Do not apply more than 2.9 oz per acre per season.

**STORAGE AND DISPOSAL**

**Storage:** Store the product in the original container only. Do not contaminate water, other pesticides, fertilizer, food, or feed in storage. Avoid contact with water. Do not store above 122°F for extended periods of time. If container is damaged or a spill occurs, use product immediately or contain with absorbent materials and dispose of waste. Dispose of waste in compliance with local, state and federal regulations.

**Product Disposal:** Pesticide, spray mixture, or rinsate that cannot be used according to label instructions must be disposed of according to applicable Federal, state, or local procedures.

**Container Disposal (Water soluble packaging):** Do not reuse the outer box or the resealable bags. When all water-soluble packets are used, the outer packaging should be clean and may be disposed of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by open burning. If it is burned, stay out of the smoke. If the resealable bag contacts the formulated product in any way, the bag must be triple-rinsed with clean water. Add the rinsate to the spray tank and dispose of the outer wrap as described above.

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