352-612	8/8/3	2001	Date of Issuance:	
Of	ice of Pesticide Programs istration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460	EPA Reg. Number: 352-612	AUG - 8 2001	
The State of the s		Term of Issuance		
NOTICE OF	F PESTICIDE:	Condition	a1	
x	Registration	Name of Pestici:	e Product:	
	Reregistration		DuPont <sup>®</sup> Accent Gold <sup>®</sup> WDG Herbicide	
Name and Address of Registrant (in	clude ZIP Code):			
E.I. du Pont de Nemo DuPont Crop Protectio P.O. Box 30 Newark, DE 19714-00	urs and Company on		·	
Note: Changes in labeling differin be submitted to and accepted by th correspondence on this product also	we Registration Division prior to	use of the label in cos		
On the basis of information furnis registered/reregistered under the			ey	
Registration is in no way to be co In order to protect health and the cancel the registration of a pesti with the registration of a product exclusive use of the name or to it This product is 3(c)(7)(A) provided requirements.	e environment, the Administrator, cide in accordance with the Act. under this Act is not to be cond to use if it has been covered by	on his motion, may at a The acceptance of any strued as giving the re- others. Chance with FIF	ry time suspend or tame in connection istrant a right to RA SEC.	
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# **OUPUND DuPont<sup>™</sup>** Accent Gold<sup>®</sup> WDG

# herbicide

#### For use in Field Corn

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Active Ingredients	Percent By Weight
Clopyralid*	
3,6-dichloro-2-pyridinecarboxylic acid, potassium salt	51.4%
Flumetsulam	
N-(2,6-difluorophenyl)-5-methyl-1,2,4- _triazolo-[1,5a]-pyrimidine-2-sulfonamide	15.9%
Nicosulfuron 2-(( (( (4,6-Dimethoxypyrimidin-2-yl) aminocarbonyl))aminosulfonyl))-N, N-dimethyl-3-pyridinecarboxamide	5.4%
Rimsulfuron N((4,6 - dimethoxypyrimidin - 2- yl) aminocarbonyl) -3-(ethylsulfonyl) -2- -pyridinesulfonamide	5.4%
Inert Ingredients	21.9%
TOTAL	100.0%
EPA Reg. No. 352-593	

\*42.8% by weight acid equivalent

## KEEP OUT OF REACH OF CHILDREN WARNING - AVISO

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.

## FIRST AID (Cont'd)

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

Causes substantial but temporary eye injury. 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

Some materials that are chemical resistant to this product are listed below. If you want more options follow the instructions for Category A on the EPA chemical resistance category selection chart.

#### Applicators and other handlers must wear:

Long-sleeved shirt and long pants.

Chemical Resistant Gloves Category A (such as butyl rubber, natural rubber, neoprene rubber, or nitrile rubber)  $\geq$ 14 mls.

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.

## **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.

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- Chemical Resistant Gloves Category A (such as butyl rubber, natural rubber, neoprene rubber, or nitrile rubber) ≥14 mls.
- · Shoes plus socks.
- Protective eyewear.

DuPont<sup>™</sup> ACCENT GOLD® WDG herbicide must 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® WDG herbicide is a combination of two water-dispersible granules, one containing 75% and the other 78.5% active ingredient by weight.

ACCENT GOLD® WDG is a selective herbicide for control of certain grasses and broadleaf weeds when applied postemergence to field corn. Make only one ACCENT GOLD® WDG application per season. ACCENT GOLD® WDG may be applied to helds previously heated with 0.7 ounces per sore or less of 3 "Python" WDG herbicide (0.7 ounces per sore of 3 who "Python" WDG herbicide contains 0.56 ounces or 0.035 pounds, of flumetsulant per acre). Do not exceed a ... cumulative total of 1.12 ounces (0.07 pounds) ... flumetsulam or 4 ounces (0.25 pounds) clopyralid per acre per single crop year, including active ingredient from other flumetsulant or clopyralid containing products such as "Stinger", "Homet", or "Broadstrike" + "Dual".

#### WHEN TO APPLY - POSTEMERGENCE

#### TIMING TO CROP STAGE

ACCENT GOLD® WDG 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® WDG to field corn hybrids with a relative maturity (RM) rating of 88 days or more, including "food grade" (yellow dent, hard endosperm), waxy and DuPont Optimum High-Oil corn. Not all field corn hybrids of less than 88 days RM, not all white corn hybrids nor Hi-Lysine hybrids have been tested for crop safety, nor does DuPont have access to all seed company data. Consequently, injury arising from the use of ACCENT GOLD® WDG on these types of corn is the responsibility of the user. Consult with your seed supplier before applying ACCENT GOLD® WDG to any of these corn types. Consult with your local DuPont representative for any additional supplemental labeling information.

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

### TIMING TO WEEDS

Apply ACCENT GOLD WDG 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<sup>®</sup> WDG 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<sup>M</sup> ACCENT<sup>®</sup> herbicide, if needed. See CULTIVATION or SEQUENTIAL ACCENT<sup>®</sup> APPLICATIONS.

## RATE

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 Apply DuPont<sup>™</sup> ACCENT GOLD® WDG at 3.5 oz per acre for control of grasses and weeds listed below.

 When packaged in water-soluble packets, apply ACCENT GOLD® WDG at a rate of one water soluble packet per 4 acres for control of the grass and broadleaf weeds listed below. One packet contains 14 oz product. Each barrier bag contains 5 water-soluble packets which will treat 20 acres.

Acres Treated	ACCENT GOLD® WDG Packets Required
4	1
8	2
16	4
24	6
32	· 8
40	10

 Do not use less than 3.5 ounces of ACCENT GOLD® WDG per acre.

 3.5 ounces of ACCENT GOLD® WDG contains 1.5 ounces, or 0.094 pounds, of clopyralid acid equivalent, 0.56 ounces (0.035 pounds) of flumetsulam, 0.19 ounces (0.012 pounds) of nicosulfuron and 0.19 ounces (0.012 pounds) of rimsulfuron

#### WEEDS CONTROLLED

Maximum Weed Height at Application	
1"	
2*	
3"	
3*	
3*	
3"	
8*	
2*	
3*	
8"	
2"	
6*	
2*	
2*	

 Subsequent flushes of these species may require additional control measures such as a sequential application of DuPont<sup>™</sup> ACCENT® herbicide or a cultivation to achieve optimal control.

#### Broadleaves Cocklebur, common 6" 6" Jimsonweed Pigweeds (including triazine resistant) 4" Ragweeds 6" common 6" giant 6" Smartweed, PA 6" Sunflower Velvetleaf 6" Venice mallow 6" Partial Control Hemp dogbane 4" 2" .ambsquarters Milkweed, common\*\* 4" 2" Nightshade, eastern black 2" Nutsedge, yellow\*\* 4" Thistle, Canada\*\* Waterhemp 2"

\*\* Above-ground portions only.

#### SPRAY ADJUVANTS

Applications of ACCENT GOLD® WDG must include either a crop oil concentrate or non-ionic surfactant plus an ammonium nitrogen fertilizer. Crop oil concentrate plus ammonium nitrogen fertilizer is the required adjuvant system for most applications. Consult local DuPont fact sheets, technical bulletins and service policies prior to using other adjuvant systems.

Refer to the "FOR ADDITIONAL CONTROL OF CRABGRASS AND LATER EMERGING WEEDS" section of this label for approved uses of non-ionic surfactant adjuvants with ACCENT GOLD® WDG. 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 required 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 drought; builditions.
- Do not use liquid nitrogen fertilizers without a crop oil concentrate.
- Do not use liquid nitrogen fertilizers as the total carrier solution.

#### **MIXING INSTRUCTIONS**

- 1. Fill the tank 1/4 to 1/3 full of water.
- While agitating, add the required amount of DuPont<sup>™</sup> ACCENT GOLD® WDG.
- 3. Continue agitation until the ACCENT GOLD® WDG is fully dispersed, at least 5 minutes.
- 4. Once the ACCENT GOLD® WDG is fully dispersed, maintain agitation and continue filling tank with water. Thoroughly mix ACCENT GOLD® WDG 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 and 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® WDG 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® WDG is applied in multiple loads, consider pre-slurrying the ACCENT GOLD® WDG in clean water prior to adding to the next load. This prevents the crop oil concentrate from interfering with dissolution of the ACCENT GOLD® WDG water soluble bags.

#### **Proper Handling Instructions**

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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 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 ACCENT GOLD® WDG

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

#### 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.

## WHEN TO APPLY - SEQUENTIAL APPLICATIONS FOLLOWING REDUCED RATES OF PREEMERGENCE HERBICIDES

ACCENT GOLD® WDG may be used as a sequential application in a planned postemergence weed control program in corn following a reduced rate of a preemergence herbicide.

Apply a reduced rate of a preemergence grass herbicide prior to corn emergence and then follow with a postemergence application of ACCENT GOLD® WDG. Products such as DuPont<sup>TM</sup> LEADOFF®, "Balance" PRO, "Axiom", "Dual II Magnum", "Surpass", "Frontier" and "Harness" Xtra may be applied at as low as 1/4 to 1/2 of the full labeled use rate followed by a sequential postemergence application of ACCENT GOLD® WDG. Refer to WHEN TO APPLY -POSTEMERGENCE and ENVIRONMENTAL CONDITIONS AND BIOLOGICAL ACTIVITY sections for complete application information and precautions. Refer to the preemergence grass herbicide label for use restrictions, application information, rotational crop guidelines, and cautionary statements prior to applying ACCENT GOLD® WDG.

Do not apply ACCENT GOLD® WDG to corn that which its herbicide injury from previous applications made to the current or preceding crop.

#### TANK MIX APPLICATIONS

For Additional Control of Broadleaf Weeds ACCENT GOLD® WDG may be tank mixed with the herbicides listed below for additional control of broadleaf weeds. See the tank mix partner label for weeds controlled, precautions, use restrictions, and crop rotation information. Crop oil concentrate must be used in all tank mixes. See SPRAY ADJUVANTS for adjuvant rate recommendations.

	Rate/A
atrazine 90DF	<u>1/4 - 1 lb</u>
dicamba (i.e. "Clarity" - 4lb/gal dicamba)	1/8 - 1/4 pt
dicamba + atrazine (i.e. "Marksman"	
- 1.1 lb/gal dicamba)	1/2 - 1 pt

Rates listed are for the specific products noted in the table. If other brands or formulations are used, rates of active ingredients should be adjusted to correspond to the products indicated. Formulations of products other than those listed may not have been tested with DuPont<sup>™</sup> ACCENT GOLD® WDG. Check with the manufacturer for information on tank mix compatibility prior to using.

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 (i.e. "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.

#### For Additional Control of Grass Weeds

ACCENT GOLD® WDG may be tank mixed with a reduced rate of DuPont<sup>™</sup> ACCENT® herbicide for enhanced control of many grass weeds listed in WEEDS CONTROLLED. Mix ACCENT GOLD® WDG with 1/4 - 1/3 oz of ACCENT® for control of the following weeds:

## MAXIMUM SIZE CONTROLLED ACCENT GOLD® WDG ACCENT GOLD® WDG +

Alone	1/4 - 1/3 oz ACCENT®
<2"	4"
3"	4"
3"	4"
2"	4"
2"	2"
	<2" 3" 3" 2"

#### For Additional Control of Later Emerging Grasses

ACCENT GOLD® WDG may be tank mixed with full or reduced rates of preemergence grass herbicide products such as "Bicep II Magnum", "Dual II Magnum", "Frontier", "FulTime", "Harness" Xtra, "Guardsman", "Surpass", DuPont™ LEADOFF®, or "TopNotch" herbicide for increased residual activity on later-emerging grasses such as smooth and large crabgrass. ACCENT GOLD® WDG may be applied in tank mix combination with other products provided (1) the timing and method of application is the same as recommended for ACCENT GOLD® WDG; and (2) tank mixing ACCENT GOLD® WDG is not prohibited by the label of the tank mix product; and (3) the tank mix combination is compatible as determined by a "jar test" described in the "Tank Mix Compatibility Testing" section. When tank mixing, do not exceed recommended application rates and use only in accordance with the most restrictive precautions and limitations on the respective product labels. Application must be made

before the crabgrass emerges and before other grass weeds on the ACCENT GOLD® WDG label exceed their labeled sizes.

Tank mixes of ACCENT GOLD® WDG and preemergence grass herbicides may be broadcast applied postemergence to field corn before the crop exceeds the heights listed on the preemergence grass herbicide label. Refer to WHEN TO APPLY-POSTEMERGENCE and the preemergence grass herbicide label for complete postemergence application information, rates, and restrictions.

## If preemergence herbicides containing arrange are mixed are with ACCENT GOLD® WDG use less than a total of FO. Ib atrazine in the tank mixture.

When applying ACCENT GOLD® WDG in a tank mixture and applications are made early postemergence to small grass weeds, use a non-ionic surfactant (NIS) in place of crop oil concentrate.

- Apply at a rate (concentration) of 0.25% v/v (1 qt per 100 gal spray solution).
- At least 50% of the surfactant product must be active nonionic surfactant.
- Avoid products that do not accurately define their ingredients. Products must contain only EPA-exempt ingredients (40 CFR 1001).

Preemergence herbicides rely on activation from either rainfall or overhead sprinkler irrigation to move the herbicide into the grass weed germination zone and provide control. The amount of precipitation or irrigation required is dependent upon existing soil moisture, soil type and organic matter content. Normally, 1/2-3/4 inch is sufficient.

ACCENT GOLD® WDG may also be tank mixed with DuPont<sup>™</sup> ASANA® XL or DuPont<sup>™</sup> LANNATE® insecticides.

#### Additional Information

Do not tankmix ACCENT GOLD® WDG with DuPont™ BLADEX® herbicide, "Basagran" and "Laddok" or severe crop injury may occur.

Do not tankmix ACCENT GOLD® WDG with 2,4-D containing products as severe grass control antagonism may occur.

Do not tankmix ACCENT GOLD® WDG with foliarapplied 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® WDG.



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## TANK MIX COMPATIBILITY TESTING

Perform a jar test prior to tank mixing to ensure compatibility of DuPont<sup>™</sup> ACCENT GOLD<sup>®</sup> WDG and other pesticides. Use a clear glass quart jar with lid and mix the tank mix ingredients in their relative proportions. Invert the jar containing the mixture several times and observe the mixture for approximately 1/2 hour. If the mixture ball-up, forms flakes, sludges, gels, oily film or layers, or other precipitates, it is not compatible and the tank mix combination should not be used.

## ENVIRONMENTAL CONDITIONS AND BIOLOGICAL ACTIVITY

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ACCENT GOLD® WDG is rainfast in six hours.

ACCENT GOLD® WDG 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® WDG 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, watersaturated 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 DuPont<sup>TM</sup> 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 GOLDG. WDG, ensure that it is compatible with any other insecticides previously, applied. to the com grop 3

#### Conventional Field Corn and "IT" Hybrids

Soil Insecticides	Application Method		ACCENT GOLD® WDG Use Precautions
"Counter" 15G	All	A11	Do not use.
"Counter" 20C	RAII	All	Do not use.
"Dyfonate"	All labeled methods	All	May result in temporary injury.
"Lorsban"	All labeled methods	A11	May result in temporary injury.
"Thimet"	All labeled methods	All	Do not use.
"Fortress"	All	All	No use precautions.
"Force"	All	All	No use precautions
"Aztec"	All	All	No use precautions

#### Herblcide-Resistant Field Corn

• ACCENT GOLD® WDG may be used on fields treated with "Counter" 15G or "Counter" 20CR (applied infurrow, T- or surface-banded) if the field has been planted with an imidazilinone-resistant ("IR") hybrid such as Pioneer 35A19, 3417IR, or 3395IR, etc.

• For ACCENT GOLD® WDG applied to "IMI" or "ClearFields" corn hybrids not designated as "IR", follow directions above for Conventional and "IT" Field Corn.

## SEQUENTIAL ACCENT® APPLICATIONS

An application of ACCENT® herbicide may be made 14 or more days after ACCENT GOLD® WDG 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® WDG 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® WDG in the absence of an activating rainfall.

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

#### **CROP ROTATION**

Rotational crops vary in their response to low concentrations of ACCENT GOLD® WDG remaining in the soil.

The amount of ACCENT GOLD® WDG 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.

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

The following rotational intervals should be observed when using DuPont<sup>™</sup> ACCENT GOLD® WDG:

Стор	Interval in Months
Field Corn	Anytime
Seed corn, Popcorn	10.5
Winter Cereals (wheat, barley, oats, r	ye) 4
Spring Cereals (wheat, barley, oats, ry	(c) <u>8</u>
Grain Sorghum	12
Soybeans <sup>†</sup> , Dry Beans <sup>†</sup> , Peas <sup>†</sup> , Lima Beans <sup>†</sup>	10.5
Alfalfa††	10.5
Cotton, Peanuts, Potatoes, Rice, Sunflower, Sweet Corn*, Tobacco, Forage Grasses, Seeding for other	
cover crops	18
All Other Crops**	26 and field bioassay***

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

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

Certain sweet corn varieties may be planted 10 1/2 months following postemergence application of up to 3.5 oz/acre of ACCENT GOLD& WDG. This interval applies only to the following varieties of sweet corn grown for processing.

Beretta	Excellency	GG 246
Bingo	GH 0937	GG 255
Bonus	GH 2628	GG 520
Challenger	GH 2683	GG 539
Chase	GH 2684	HM 701
Cornucopia	GH 2690	Lumina
Crisp'N Sweet 710	GG 5	Reveille
Crisp'N Sweet 710A	GG 22	Reward
DMC 20-04	GG 23	Rival
DMC 20-10	GG 40	Shaker
DMC 20-35	GG 43	Sprint
Eliminator	GG 46	Tribune
Empire	GG 55	Viking
Excalibur	GG 60	Zenith

The rotation interval is 18 months for sweet corn varieties not listed.

- \*\*Rotation to sugarbeets, canola and all other crops requires a 26month 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® WDG. Plant the strips perpendicular to the direction ACCENT GOLD® WDG 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.

## **APPLICATION INFORMATION**

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

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## AERIAL APPLICATION

ACCENT GOLD® WDG may be aerially applied by airplane or helicopter in the states of Colorado, Iowa, Kansas, Minnesota, Nebraska, Oklahoma, South Dakota, and Texas for postemergence weed control in field corn grown for grain.

## HOW TO USE

- Before using ACCENT GOLD® WDG by air, be sure the aircraft spray tank and all mixing tanks of the delivery system equipment are clean.
- Use nozzle types and arrangements that will provide optimum spray distribution and maximum coverage. Aerially apply ACCENT GOLD® WDG in a minimum spray volume of 5 gallons per acre.
- Read and follow all the label instructions and precautions for any other herbicides used in a tank mix with ACCENT GOLD® WDG. Follow the most restrictive labeling.

## **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 PS1.
- 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 manufacture 's instructions for nozzle type (flat fans), orientation, distance of nozzles from the crop and weeds, spray volumes, calibration and spray pressure.

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## CHEMIGATION

DuPont<sup>™</sup> ACCENT GOLD® WDG should not be applied through any type of irrigation system.

## SPRAYER PREPARATION/CLEANUP

It is important that spray equipment is clean and free of previous pesticide deposits before using ACCENT GOLD® WDG and then properly cleaned out following application. Clean all application equipment before applying ACCENT GOLD® WDG. 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® WDG, thoroughly clean all mixing and spray equipment to avoid subsequent crop injury.

#### Note:

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- When cleaning spray equipment before applying ACCENT GOLD® WDG, 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® WDG, 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.

#### 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 monning. 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.

## WEED RESISTANCE

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When herbicides with the same mode of action are used repeatedly over several years to control the same weed species in the same field, naturally-occurring resistant weed biotypes may survive a correctly applied herbicide treatment, propagate, and become dominant in that field. These resistant weed biotypes may not be adequately controlled. Cultural practices such as tillage, preventing weed escapes from going to seed, and using herbicides with different modes of action within and between crop seasons can aid in delaying the proliferation and possible dominance of herbicide resistant weed biotypes.

#### INTEGRATED PEST MANAGEMENT

DuPont recommends the use of Integrated Pest Management (IPM) programs to control pests. This product may be used as part of an Integrated Pest Management (IPM) program which can include biological, cultural, and genetic practices aimed at preventing economic pest damage. Application of this product should be based on IPM principles and practices including 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

- Injury to or loss of desirable trees or vegetation may result from failure to observe the following:
  - Do not apply DuPont<sup>™</sup> ACCENT GOLD® WDG 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.
  - · Prevent drift of spray to desirable plants.
  - · 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® WDG application.
- Do not apply more that 3.5 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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#### ACCEPTED with COMMENTS In EPA Letter Dated

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Under the Federal Insecticide, Fundicide, and Rodenticide Act as amended. for the posticide registered under CMA Reg. No. 352-612

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