

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (75-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.

352-534

DATE OF ISSUANCE

JUN 29 1990

TERM OF ISSUANCE

CONDITIONAL

NAME OF PESTICIDE PRODUCT

Du Pont Accent Herbicide

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

PH25  
352-534  
PS1011

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Tony P. Catka  
E. I. du Pont de Nemours & Co., Inc.  
Agricultural Products Department  
Walker's Mill Bldg./Barley Mill Plaza  
Wilmington, DE 19880-0038

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 conditionally registered in accordance with FIFRA sect. 7(c)(7).

The following additional data must be submitted as a condition of registration of this chemical.

Environmental Fate and Ground Water Branch

1. A new terrestrial field dissipation study. The review must be designed to address the concerns pointed out by the Branch in their review. This data must be submitted by September 30, 1992.
2. Spray drift data are needed. This data must be submitted by September 30, 1991.
3. Photodegradation in Water - Submit information on the differences in reaction products observed in irradiated samples at pH 5 when compared to those kept under dark conditions. This data must be submitted by September 30, 1991.

Ecological Effects Branch

1. Submit a new seedling emergence study. This data must be submitted by September 30, 1991.

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ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

*Robert J. Taylor*

6/29/90

5. Submission of additional information outlined in the Branch review may result in upgrading the vegetative vigor study. Submit this information by September 30, 1991. pg 2 of 11

Please make the following label changes:

1. Add the precautionary statements "Do not apply where/when conditions could favor runoff" and "Do not apply if rainfall or storm is expected within 24 hours," to the Environmental Hazards section of the label.
2. Revise label to clarify the pH of soils for which the use of Accent is not recommended or for which recrop intervals have been specified.
3. Add a statement to the label to reflect the minimum recrop intervals of 10-months.
4. Revise the water contamination statement in the Environmental Hazards section to read "Do not contaminate water when disposing of equipment washwaters," as recommended by EEB.
5. On pages 8 and 9 remove the **Precaution** subheading, precaution statements, **Caution - avoid spray drift** subheading, and caution statements. These statements belong under the **Directions for Use** heading without the subheadings.
6. The heading **Important** and the statements that follow which were recommended by EEB belong in the precautionary section.
7. Add the phrase "EPA Registration No. 352-534".

Please submit five (5) copies of your final printed labeling incorporating the changes before you release the product for shipment. A stamped copy of the label is enclosed for your records.

Sincerely,

Robert J. Taylor  
Product Manager (25)  
Fungicide-Herbicide Branch  
Registration Division (R7505C)

enclosure

**ACCENT HERBICIDS**  
For Use On Field Corn

This product is a water dispersible granule containing 75 percent active ingredient by weight.

<b>ACTIVE INGREDIENT:</b>	<b>BY WEIGHT</b>
2-(((4,6-Dimethoxypyrimidin-2-yl)aminocarbonyl)aminosulfonyl)-N,N-dimethyl-3-pyridinecarboxamide .....	75.0%
<b>INERT INGREDIENTS:</b> .....	25.0%
<b>TOTAL</b> .....	<b>100.0%</b>

EPA Reg. No. XXX-xxx

**KEEP OUT OF REACH OF CHILDREN**  
**PRECAUTIONARY STATEMENTS - HAZARD TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

**STATEMENT OF PRACTICAL TREATMENT**

**If in eyes:** Flush eyes with plenty of water. Call a physician if irritation persists.

**If on skin:** Wash with plenty of soap and water.

**If swallowed:** No specific intervention is indicated as the compound is not likely to be hazardous by ingestion. However consult a physician if necessary.

For medical emergencies involving this product, call toll free 1-800-441-3637.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Do not contaminate water by cleaning of equipment or disposal of wastes.

**DIRECTIONS FOR USE**

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

ACCENT 75 DF Herbicide should be used only in accordance with recommendations on this label or in separately published Du Pont recommendations.

Du Pont will not be responsible for losses or damage resulting from the use of this product in any manner not specifically recommended by Du Pont.

**IMPORTANT**

Injury to or loss of desirable trees or vegetation may result from failure to observe the following: Do not apply, or drain or flush 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. Do not contaminate any body of water. Thoroughly clean all traces of ACCENT 75DF Herbicide from application equipment immediately after use. (Refer to SPRAYER CLEANUP section of this label.) Failure to follow these procedures may result in injury to subsequently sprayed plants.

**GENERAL INFORMATION**

ACCENT 75DF Herbicide is a water dispersible granule containing 75 percent active ingredient by weight.

ACCENT 75DF Herbicide is a selective herbicide for the control of annual and perennial grass weeds and selected broadleaf weeds when applied post-emergence to field corn. Do not use on popcorn, sweet corn or corn grown for seed production.

**NOTE:** Prior to using ACCENT, consideration should be given to crop rotational plans. Rotational crops other than corn may be very sensitive to low concentrations of ACCENT remaining in the soil. See ACCENT ROTATIONAL CROP GUIDELINE Table for recropping guidelines.

**APPLICATION RECOMMENDATIONS**

Application should be made by ground equipment only to young, actively growing weeds. Weed control may be reduced if application is made to plants under stress due to drought and/or cold temperatures (less than 50 degrees F). Because ACCENT provides weed control mainly through foliar absorption, ACCENT should be applied after weeds have emerged.

Foliar absorption is the primary means of ACCENT uptake by plants. Therefore, select a spray volume and delivery system that will insure thorough coverage and a uniform spray pattern. Increase spray volume and pressure as weed density and size increases. Avoid overlapping, and shut off spray booms while starting, turning, slowing or stopping, or injury to the crop might result.

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

**ACCEPTED  
with COMMENTS  
in EPA Letter Dated:**

29 1988

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

352-534

**Corn Growth Stage:** For optimum performance and crop safety, apply from the 2-leaf through 6-leaf stage of field corn. The second application of planned split treatments, or late-season applications for suppression of large weeds, may be made through the 10-leaf stage of corn. To avoid crop canopy spray interception and possible crop injury from these late treatments, apply with drop nozzles to direct spray to weeds. Do not apply within 30 days of harvest for forage or grain.

**Weed stage:** For best results applications should be made to actively growing weeds at growth stages/weed heights no greater than those shown in the ACCENT USE RATE GUIDE. Results of applications at later growth stages may vary from complete control to suppression, depending on the species, stage of growth and environmental conditions.

Heavy infestations of grass and/or broadleaf weeds should be treated before they become too competitive with the crop, especially where soil moisture and/or fertility are in marginal supply. Where an early postemergence treatment is deemed necessary, a second application may be required to control later emerging weeds.

**Weather:** Conditions which promote healthy, actively growing plants result in the best weed control performance with ACCENT. Best activity occurs during warm, moist conditions (70oF or more), and adequate soil moisture before, during and immediately after application. Weed control may be reduced when application is made during cool (less than 50oF), dry weather or to weeds hardened off by drought or cold. ACCENT is rainfast in 4 to 6 hours after application.

**Ground application:** Spray Equipment: Refer to specific equipment manufacturer's recommendations for additional information on spray volume, pressure, speed, nozzle type and arrangement, nozzle height above the target area, etc., for respective application equipment.

For optimum spray distribution and thorough coverage, use flat fan nozzles at 25-40 psi, or hollow cone nozzles at 40-60 psi. Use a minimum of 10 gallons carrier per acre. Under heavy weed pressure, dense crop foliage, or moisture stress conditions, increase carrier volume to at least 15 gallons per acre and use higher spray pressure.

Raindrop [1], flood and other nozzles which produce very coarse sprays are not recommended for ACCENT applications because weed control performance may be reduced.

Use 50-mesh or larger strainer screens.

Continuous agitation is required to keep ACCENT in suspension.

**SPRAY PREPARATION**

Prior to spraying ACCENT, thoroughly clean sprayer tanks, booms, hoses, nozzles, mixing cones, etc.

Mix the proper amount of ACCENT 75DF into the necessary volume of water in the spray tank with the agitator running, then add the adjuvant(s) and/or any companion herbicide to the tank after all the ACCENT is in suspension.

Apply ACCENT spray preparation within 24 hours after mixing or product degradation may occur. If spray preparation is left standing, agitate thoroughly before continuing to spray.

**Adjuvants:** Always add a non-ionic surfactant OR crop oil concentrate (COC) to the spray mixture. Non-ionic surfactants should contain at least 80% active ingredient. Add surfactant at 0.25% vol./vol. (1 quart per 100 gallons of spray solution). Use only EPA approved surfactants authorized for use on food crops.

If crop oil concentrate is substituted for non-ionic surfactant, use a good quality petroleum-based COC containing at least 15% emulsifiers/surfactants. Add COC to the spray mixture at 1% vol./vol. (1 gallon per 100 gallons of spray mixture).

Adding liquid nitrogen fertilizer solution (e.g., 28-0-0 or 32-0-0) to the spray solution may improve the control of certain weed species. However, a nonionic surfactant or crop oil concentrate will still be necessary. Add liquid nitrogen fertilizer solution at 4% vol./vol. (4 gal. per 100 gal.). Do not use liquid fertilizer solutions or suspensions as the total carrier because excessive crop injury may occur.

**APPLICATION RATE**

ACCENT 75DF may be applied postemergence to control many grass weeds and selected annual broadleaf weeds in field corn. Do not apply to popcorn, sweet corn or corn grown for seed corn production.

For band application, apply proportionately less product than for broadcast applications.

Apply ACCENT at the rates listed in ACCENT USE RATE GUIDE. Apply when majority of weeds have emerged but before weeds reach maximum size listed in table.

ACCENT USE RATE GUIDE

Use rate - 2/3 oz. per acre

Grasses (**)	Size Range* Height (inches)
Shattercane	4-10
Johnsongrass - seedling	4-10
- rhizome	8-12
Sorghum alnum	4-10
Foxtails	
giant	1-4
yellow	1-4
bristly	1-4
green	1-2
Fall panicum	1-3
Texas panicum	1-3
Barnyardgrass	2-6
Broadleaf signalgrass	1-2
Sandbur	
field	2-4
longspine	2-4
Woolly Cupgrass	1-3
Quackgrass	2-4

Broadleaves	Height (inches)
Morningglory	
Ivyleaf	2-3
Tall	1-2
Pitted	1-2
Pigweed	
Smooth	1-4
Redroot	1-4
Smartweed, annual	1-4
Jimsonweed	1-3

(\*) Optimum activity for this size range can be achieved with 2/3 oz. product. Weeds which exceed this height range by up to 50% may be partially controlled with 1 1/3 oz product per acre.

(\*\*) These species may require a second application of Accent at 2/3 oz per acre due to effects of adverse weather conditions following the initial Accent application.

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### Split Applications

**Annual weeds:** Weeds sometimes will have more than one flush of seedling emergence depending upon rainfall and other environmental conditions. To maximize control of such weeds it may be necessary to use a split application of ACCENT in which the first application goes on early before the weeds become competitive and the second application goes on 14 to 28 days later depending on the timing of the new flush. The combined dosage of the split applications cannot exceed 1 1/3 oz/acre of ACCENT 75DF. Split applications are recommended as follows in ounces of product per acre: Shattercane, seedling johnsongrass, annual grasses -- 2/3 plus 2/3.

**Perennial weeds:** For split applications to rhizome johnsongrass apply 2/3 oz. ACCENT when johnsongrass is 8-12" tall, followed by 2/3 oz. ACCENT when new growth is 8-10".

### Cultivation

Cultivation may be used as an additional weed control measure to remove weed escapes following ACCENT treatment and/or as an alternative to a second ACCENT treatment. Cultivation within 10 days prior to or seven days after ACCENT application is not recommended, as weeds may be put under stress making control more difficult. Ideal timing for cultivation is 10-14 days after ACCENT application.

### CROP ROTATIONAL GUIDELINES

Rotational crops vary in their response to low concentrations of ACCENT remaining in the soil after corn harvest. The amount of ACCENT which may remain in the soil is dependent on the rate used, soil pH and organic matter content, time elapsed since ACCENT application, and climatic and weather factors.

In order to avoid injury to rotational crops, observe the minimum recrop intervals listed in the table ACCENT ROTATIONAL CROP GUIDELINES.



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**ACCENT ROTATIONAL CROP GUIDELINES**

<u>Crop</u>	<u>Minimum Time in Months Before Planting the Rotational Crop</u>
Corn (Field)	Anytime
Soybeans	9
Wheat	9*
Corn (Pop)	9
Corn (Sweet)	9
Barley	9*
Dry Beans	9
Oats	9*
Alfalfa	12

\*Rotational crop interval may be reduced to 3 months in soils with pH less than 7.0.

The minimum time interval for sorghum, cotton, and all other rotational crops is 9 months on soils with pH less than or equal to 6.5 or 18 months for all soils with pH greater than 6.5.

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**NOTE:**

Soil pH is to be determined by laboratory analysis using the 1:1; soil:water suspension method on representative soil samples taken at 0-4" depth. Soil pH varies within fields; therefore, recropping plans should be based on the highest soil pH in each field. Consult local extension publications for recommended soil sampling procedures.

Do not apply to corn previously treated with Counter [8] insecticide applied at planting or over-the-row at cultivation as severe crop injury may result.

Applications to corn treated with organophosphate soil insecticides such as Lorsban, Dyfonate [9], Thimet [10], etc., applied at planting or over-the-row at cultivation, may result in temporary crop injury.

Do not apply ACCENT to corn that exhibits injury from herbicide applications made to the current crop or previous crop.

In flood or furrow-irrigated fields, if no rain has occurred after the ACCENT treatment (at least 1/2 inch), do not allow tailwater from the first irrigation after ACCENT application to leave the ACCENT treated field.

For ground application to weeds when dry, dusty field conditions exist, control of weeds in wheel track areas may be reduced.

**CAUTION - AVOID SPRAY DRIFT**

Do not allow spray from application equipment to drift onto adjacent crops or land as even small amounts may injure other plants. When spraying near adjacent crops or plants, do everything possible to reduce spray drift.

**STORAGE AND DISPOSAL**

**Storage:** Store product in original container only, away from other pesticides, fertilizer, food or feed. Not for use or storage in or around the home. Keep container closed.

**Disposal:** Do not contaminate water, food or feed by disposal. Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Emptied containers should be triple-rinsed (or equivalent) and offered for recycling or reconditioning, or punctured and disposed of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**NOTICE TO BUYER:** Purchase of this material does not confer any rights under patents of countries outside of the United States.

**NOTICE OF WARRANTY**

Du Pont warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. DU PONT MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESSED OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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