

352-893

5/8/2014

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**U.S. ENVIRONMENTAL PROTECTION AGENCY**  
**Office of Pesticide Programs**  
**Registration Division (7505P)**  
**Ariel Rios Building**  
**1200 Pennsylvania Ave., NW**  
**Washington, D.C. 20460**

EPA Reg. Number:  
**352-893**

Date of Issuance:  
**MAY 08 2014**

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance: **Unconditional**

Name of Pesticide Product:  
**DuPont Breakfree NXT ATZ**  
**Herbicide**

Name and Address of Registrant (include ZIP Code):  
**E. I. du Pont de Nemours and Co., Inc.**  
**1007 Market Street**  
**Wilmington, DE 19898**

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

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on her 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.

The Basic Confidential Statement of Formula (CSF) dated 01/09/2014 is acceptable.

This product is registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration review/reregistration of your product when the Agency requires all registrants of similar products to submit data.
2. Assure that the establishment number is added to the final printed label.
3. Submit one (1) copy of the final printed label before you release the product for shipment.

A stamped copy of the label is enclosed for your records. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA §6(e). Your release for shipment of the product constitutes acceptance of these conditions.

If you have any questions regarding this notice, please contact Maggie Rudick of my staff at 703-347-0257 or rudick.maggie@epa.gov.

Signature of Approving Official:

Kable Bo Davis  
 Product Manager 25  
 Herbicide Branch  
 Registration Division (7505P)

Date:

**MAY 08 2014**



# DuPont™ Breakfree® NXT ATZ

## HERBICIDE

GROUP 15 AND 5 HERBICIDES

### RESTRICTED USE PESTICIDE

DUE TO GROUND AND SURFACE WATER CONCERNS

For retail sale to and use only by Certified Applicators, or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

This product is a restricted use herbicide due to ground and surface water concerns. Users must read and follow all precautionary statements and instructions for use in order to minimize potential for atrazine to reach ground and surface water.

*A preemergence herbicide for control of annual grass and broadleaf weeds in field corn, production seed corn, silage corn, sweet corn, popcorn, Miscanthus and other non-food perennial bioenergy crops.*

Active Ingredients	By Weight
acetochlor: 2-chloro-N-ethoxymethyl-N-(2-ethyl-6-methylphenyl)acetamide	33.4%
atrazine: [2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine] and related triazines	26.9%
<b>Other Ingredients</b>	<b>39.7%</b>
<b>TOTAL</b>	<b>100.0%</b>

Contains 372 grams per liter or 3.1 pounds/gallon acetochlor and 300 grams/liter or 2.5 pounds/gallon atrazine and related compounds per gallon.

**Not for Sale, Sale Into, Distribution and/or Use in Nassau and Suffolk Counties of New York State.**

EPA Reg. No. 352-893

EPA Est. No. \_\_\_\_\_

**Nonrefillable Container**

Net: \_\_\_\_\_

OR

**Refillable Container**

Net: \_\_\_\_\_

**ACCEPTED**

MAY 08 2014

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg No. 352-893

## KEEP OUT OF REACH OF CHILDREN CAUTION

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful If Swallowed or Inhaled · Causes Moderate Eye Irritation · May Cause Allergic Skin Reaction. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

#### FIRST AID

**If swallowed:** Call a 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 a poison control center or doctor. Do not give anything by mouth to a 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 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 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. Sensitized persons should avoid further contact and reuse of contaminated clothing.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. **For medical emergencies involving this product, call toll free 1-800-441-3637.**

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

**Mixers, loaders, applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride
- Shoes plus socks
- Chemical-resistant apron when mixing/loading, cleaning up spills, or cleaning equipment, or otherwise exposed to the concentrate.

See Engineering Controls for additional requirements.

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

**Engineering Controls:** When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(5)], the handler PPE requirements may be reduced or modified as specified in the WPS.

### USER SAFETY RECOMMENDATIONS

**USERS SHOULD:** Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. 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. Runoff and drift from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

Atrazine can travel (seep or leach) through soil and can enter ground water which may be used as drinking water. Atrazine has been found in ground water. Users are advised not to apply atrazine to sand and loamy sand soils where the water table (ground water) is close to the surface and where these soils are very permeable, i.e., well drained. Your local agricultural agencies can provide further information on the type of soil in your area and the location of ground water.

Acetochlor demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the groundwater is shallow, may result in groundwater contamination.

Acetochlor has properties that may result in surface water contamination via dissolved runoff and runoff erosion. Practices should be followed to minimize the potential for dissolved runoff and/or runoff erosion.

Ground water contamination may be reduced by diking and flooring of permanent liquid bulk storage sites with an impermeable material.

Refer to Use Restrictions and Tile-Outletted Terraced Fields sections for additional specific information.

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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.

Read all Directions for Use carefully before applying.

ANY USE OF THIS PRODUCT IN AN AREA WHERE USE IS PROHIBITED IS A VIOLATION OF FEDERAL LAW. Before using this product, you must consult the Atrazine Watershed Information Center (AWIC) to determine whether the use of this product is prohibited in your watershed. AWIC can be assessed through [www.atrazine-watershed info] or [1-866-365-3014]. If use of this product is prohibited in your watershed, you may return unopened product to your point of purchase or contact DuPont for a refund.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### **AGRICULTURAL USE REQUIREMENTS**

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

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

**Exception:** If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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
- Chemical-resistant gloves made of any waterproof material.
- Shoes plus socks

## PRODUCT INFORMATION

For use only on field corn, production seed corn, silage corn, sweet corn, popcorn, Miscanthus and other non-food perennial bioenergy crops. Corn in this label refers to field corn, production seed corn, silage corn, sweet corn and popcorn.

DuPont™ BREAKFREE® NXT ATZ may be applied to the surface or incorporated into the top 1-2 inch layer of soil. It may be used for control alone, or in tank mix combinations, for the weeds listed in the "Target Weeds" section of these use directions. BREAKFREE® NXT ATZ controls weeds by interfering with normal germination and seedling development. BREAKFREE® NXT ATZ does not control established or emerged weeds present at application.

### **Restrictions**

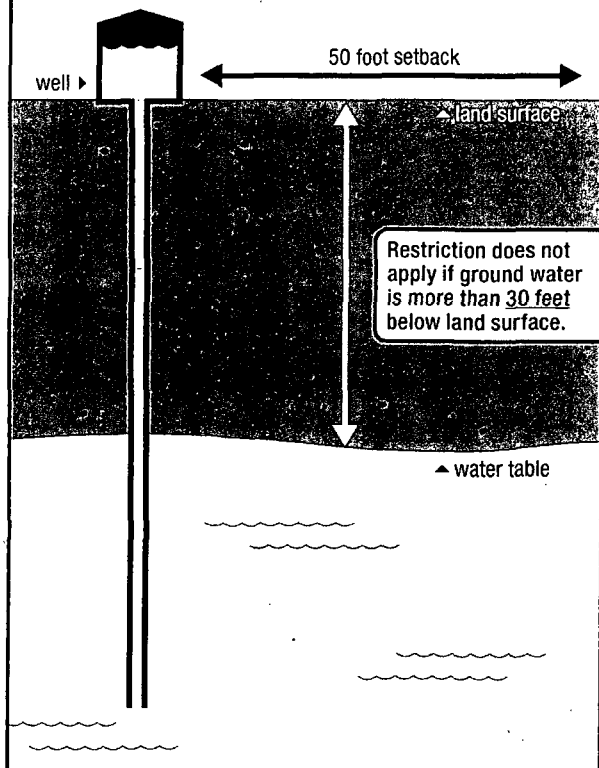
- **Not for Sale, Sale Into, Distribution and/or Use in Nassau and Suffolk Counties of New York State.**
- This chemical demonstrates the properties and characteristics associated with chemicals detected in ground water. The use of this chemical in areas where soils are permeable, particularly where the ground water is shallow, may result in ground water contamination.
- Do not apply BREAKFREE® NXT ATZ before pre-irrigation in irrigated areas.
- Do not allow BREAKFREE® NXT ATZ to contaminate feed or food.
- Do not contaminate irrigation water used for crops other than corn or water used for domestic purposes.
- Do not use BREAKFREE® NXT ATZ on any crop other than field corn, production seed corn, silage corn, sweet corn, popcorn, and Miscanthus or other non-food perennial bioenergy crops.
- On the following soil types, do not apply this product within 50 feet of any well where the depth to groundwater is 30 feet or less: sands with less than 3% organic matter; loamy sands with less than 2% organic matter; or sandy loams with less than 1% organic matter. See the figure for additional clarification.

Restriction does not apply for areas more than 50 feet from a well.

The acetochlor soil restriction is as follows:

On the following soil types, do not apply acetochlor within 50 feet of any well where the depth to ground water is 30 feet or less:

- sands with less than 3 percent organic matter;
- loamy sands with less than 2 percent organic matter; or
- sandy loams with less than 1 percent organic matter.



- This product must not be mixed or loaded within 50 ft. of intermittent streams and rivers, natural or impounded lakes and reservoirs. This product must not be applied by ground within 66 feet of the points where field surface water runoff enters perennial or intermittent streams and rivers or within 200 feet around natural or impounded lakes and reservoirs. If this product is applied to highly erodible land, the 66-foot buffer or setback from runoff entry points must be planted to crop, seeded with grass or other suitable crop.
- This product must not be mixed or loaded, or used within 50 feet of all wells, including abandoned wells; drainage wells, and sinks holes. 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 specified minimum containment capacities do not apply to vehicles when delivering pesticide shipments to the mixing/loading site. Additional State imposed requirements regarding well-head setbacks and operational area containment must be observed.

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- **Tile-Outletted Fields Containing Standpipes**

To ensure protection of surface water from runoff through standpipes with tile-outlets in fields, one of the following restrictions must be used in applying this product to tile-outletted fields containing standpipes:

1. Do not apply this product within 66 feet of standpipes in tile-outletted fields.
  2. Apply this product to the entire tile-outletted field and immediately incorporate it to a depth of 2-3 inches in the entire tile-outletted field.
  3. Apply this product to the entire tile-outletted field under a no-till practice only when high crop residue management practices are used. High crop residue management is described as a crop management practice where little or no crop residue is removed from the field during or after crop harvest.
- Do not apply DuPont™ BREAKFREE® NXT ATZ postemergence to sweet corn.
  - **Chemigation:** Do not apply this product through any type of irrigation system, unless otherwise directed by approved supplemental labeling in possession of the user at the time of application.
  - Do not use flood irrigation to apply or incorporate this product.
  - Product must be used in a manner that will prevent back siphoning in wells, spills or improper disposal of excess pesticide, spray mixtures or rinsates.
  - Do not apply under conditions that favor runoff or wind erosion of soil containing this product to non-target areas. To prevent off-site movement due to runoff or wind erosion:
    - Avoid treating powdery dry or light sandy soils when conditions are favorable for wind erosion. Under these conditions, the soil surface should first be settled by rainfall or irrigation.
    - Do not apply to impervious substrates such as paved or highly compacted surfaces or frozen or snow covered soils.
    - Do not use tailwater from the first flood or furrow irrigation of treated fields to treat non-target crops unless at least 1/2 inch of rainfall has occurred between application and the first irrigation.
  - **Aerial Application:** Do not apply this product using aerial application equipment unless otherwise directed by approved supplemental labeling in possession of the user at the time of application.
  - Do not apply when wind conditions favor drift to non-target sites. To minimize spray drift to non-target areas:
    - Use low-pressure application equipment capable of producing a large droplet spray.
    - Do not use nozzles that produce a fine droplet spray.
    - Minimize drift by using sufficient spray volume to ensure adequate coverage with large droplet size sprays.
    - Keep ground-driven spray boom as low as possible above the target surface.
    - Make application when the wind velocity favors on-target product deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 15 mph. Avoid application when gusts approach 15 mph.
    - Low humidity and high temperatures increase the likelihood of spray drift to sensitive areas. Avoid spraying during conditions of low humidity and/or high temperatures. Do not apply during inversion conditions.
  - Flush sprayer with clean water after use.
  - **Maximum Atrazine Application Rates Per Calendar Year:**

Maximum annual broadcast application rates for corn must be as follows:

    - If no atrazine was applied prior to corn emergence, apply a maximum of 2.0 pounds active ingredient (3.2 quarts BREAKFREE® NXT ATZ) per acre. If postemergence treatment is required following an earlier herbicide application, the total atrazine applied may not exceed 2.5 pounds active ingredient per acre per calendar year. Note: One quart per acre BREAKFREE® NXT ATZ delivers 0.625 pound active ingredient atrazine per acre.
    - Apply a maximum of 2.0 pounds active ingredient (3.2 quarts BREAKFREE® NXT ATZ) per acre if a single preemergence application is made on soils that are not highly erodible or on highly erodible soil if at least 30% of the soil is covered with plant residues.
    - Apply a maximum of 1.6 pounds active ingredient (2.5 quarts BREAKFREE® NXT ATZ) per acre as a single preemergence application on highly erodible soils if less than 30% of the soil is covered with plant residues; or 2.0 pounds active ingredient (3.2 quarts BREAKFREE® NXT ATZ) per acre if only applied postemergence.
  - **Maximum Acetochlor Application Rates Per Calendar Year:**

Maximum annual acetochlor broadcast application rates for corn must not exceed 3.0 pounds active ingredient (3.8 quarts BREAKFREE® NXT ATZ) per acre. Note: One quart per acre BREAKFREE® NXT ATZ delivers 0.77 pound active ingredient acetochlor per acre.
  - **Preharvest Interval:** Do not apply BREAKFREE® NXT ATZ within 60 days of harvest of field corn for field forage uses or within 45 days for sweet corn forage uses.

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- Postemergence applications of DuPont™ BREAKFREE® NXT ATZ to corn must be made before the crop reaches 11 inches in height.

**Precautions**

- Failure to strictly follow label directions may result in exceeding the maximum annual atrazine use rates as stipulated by the Environmental Protection Agency.
- **Note:** This product contains atrazine and thus may not control weeds that are known or suspected to be triazine resistant. Following many years of continuous use of atrazine and chemically related products, biotypes of some of the weeds listed on this label have been reported which cannot be effectively controlled by atrazine and related herbicides. Where this is known or suspected and weeds controlled by atrazine are expected to be present along with resistant biotypes, it is recommended that atrazine be used in combinations or in sequence with other registered herbicides which are not triazines. If only resistant biotypes are expected to be present, use a registered non-triazine herbicide.
- BREAKFREE® NXT ATZ should not be used on corn seed stock such as Breeders, Foundation, or Increase.
- BREAKFREE® NXT ATZ should not be stored near seeds, fertilizers, or foodstuffs.
- All containers of BREAKFREE® NXT ATZ should be kept tightly closed when not in use.
- Applied according to directions and under normal growing conditions, BREAKFREE® NXT ATZ will not harm the treated crop. During germination and early stages of growth, extended periods of unusually cold and wet or hot and dry weather, insect or plant disease attack, carryover pesticide residues, the use of certain soil applied systemic insecticides, improperly placed fertilizers or soil insecticides may create abnormal conditions that weaken crop seedlings. BREAKFREE® NXT ATZ used under these abnormal conditions could result in crop injury.

**Rotational Crop Restrictions:**

When tank mixing BREAKFREE® NXT ATZ with other herbicides, follow the most restrictive crop rotation guidelines on the label of each product used. The following rotational crops may be planted following application of BREAKFREE® NXT ATZ as indicated:

Rotational Crop (1)	Timing or Interval
corn (2)	Immediately – 0 months after application
corn, cotton, sorghum, soybeans (3) (4)	Spring/next season following application
alfalfa, barley, dry beans (adzuki, kidney, lima, navy, or pinto), lupin (grain, white, or white sweet), millet (pearl or proso), oats, peas (blackeyed, chick, cow, Crowder, field, pigeon, or Southern), potatoes, rye, sugar beets, sunflower, tobacco, triticale, wheat, wild rice	15 months after application (5)

Numbers within parentheses (-) in the table refer to Specific Rotational Crop Requirements below.

- (1) Do not plant dry beans or peas, potatoes, small grains or small-seeded legumes, sugar beets, sunflower, or tobacco during the 15 months following application, or injury from atrazine may occur.
- (2) If crop treated with BREAKFREE® NXT ATZ is lost, field corn, seed corn, silage corn, popcorn, or sweet corn may be replanted immediately. Do not exceed a total of 3.0 pounds per acre of acetochlor (3.8 quarts BREAKFREE® NXT ATZ) if additional product is applied. If applied after June 10, do not rotate to crops other than corn or sorghum the next year or crop injury from atrazine may occur.
- (3) Injury may occur to soybeans planted the year following application on soils having a calcareous subsurface layer and relatively high pH. In eastern parts of the Dakotas, Kansas, western Minnesota and Nebraska, do not rotate to soybeans if the rate applied was more than 2.0 pounds active ingredient equivalent of atrazine or soybean injury may occur.
- (4) In the High Plains and Intermountain regions of the West where rainfall is sparse and erratic or irrigation is required, use only where corn or sorghum is to follow corn.
- (5) Approved rotation crops list does not include any species of succulent beans or peas.

**Rotation to Non-food Winter Cover Crops**

Following harvest of food crops treated with BREAKFREE® NXT ATZ, only non-food or non-feed winter cover crops (with the exception of wheat) may be planted. Do not graze or harvest rotational cover crops for food or animal feed for 18 months following the last application of BREAKFREE® NXT ATZ. This prohibition does not apply to wheat, which may be planted 4 months following the last application of BREAKFREE® NXT ATZ, or to nongrass animal feeds, which may be planted 9 months after the last application of BREAKFREE® NXT ATZ.

**Weed Resistance Management Guidelines**

Acetochlor and atrazine, the active ingredients in this product, are Group 15 and Group 5 herbicides, respectively, based on the mode of action classification system of the Weed Science Society of America. Any weed population may contain plants naturally resistant to Group 15 or Group 5 herbicides. Such resistant weed plants may not be effectively managed using

Group 15 or Group 5 herbicides but may be effectively managed utilizing another herbicide alone or in mixtures from a different Group and/or by using cultural or mechanical practices. However, any herbicide mode of action classification by itself may not adequately address specific weeds that are resistant to specific herbicides. Consult your DuPont representative, state cooperative extension service, professional consultants, or other qualified authorities to determine appropriate actions for treating specific resistant weeds.

### **Best Management Practices**

Proactively implementing diversified weed control strategies to minimize selection for weed populations resistant to one or more herbicides is recommended. A diversified weed management program may include the use of multiple herbicides with different modes of action and overlapping weed spectrum with or without tillage operations and/or other cultural practices. Research has demonstrated that using full labeled rates and following directions for use is important to delay the selection for resistance. Scouting after a herbicide application is important because it can facilitate the early identification of weed shifts and/or weed resistance and thus provide direction on future weed management practices. One of the best ways to contain resistant populations is to implement measures to avoid allowing weeds to reproduce by seed or to proliferate vegetatively. Cleaning equipment between sites and avoiding movement of plant material between sites will greatly aid in retarding the spread of resistant weed seed.

### **General principles of herbicide resistance management:**

1. Apply integrated weed management practices. Use multiple herbicide modes-of-action with overlapping weed spectrums in rotation, sequences, or mixtures.
2. Use the full recommended herbicide rate and proper application timing for the hardest to control weed species present in the field.
3. Scout fields after herbicide application to ensure control has been achieved. Avoid allowing weeds to reproduce by seed or to proliferate vegetatively.
4. Monitor site and clean equipment between sites.

### **For annual cropping situations also consider the following:**

- Start with a clean field and control weeds early by using a burndown herbicide treatment or tillage in combination with a soil-applied residual herbicide as appropriate.
- Use cultural practices such as cultivation and crop rotation, where appropriate.
- Use good agronomic principles that enhance crop competitiveness.
- Use new commercial seed that is as free of weed seed as possible.

**Report any incidence of repeated non-performance of this product on a particular weed to your DuPont representative, local retailer, or county extension agent.**

## **Application Directions - Corn**

### **Carriers**

**Liquids:** Either water or liquid fertilizers such as solutions, slurries or suspensions may be used as liquid carriers. If fluid fertilizers are used, a physical compatibility test with these must be done **before combining** in the spray tank. Even if DuPont™ BREAKFREE® NXT ATZ is physically compatible with a fluid fertilizer, constant agitation is necessary to maintain a uniform mixture during application.

**Dry Bulk Fertilizer:** BREAKFREE® NXT ATZ may be impregnated on dry bulk fertilizer and applied as the fertilizer is spread.

### **Adding to Spray Tank**

The spray tank must be clean, thoroughly rinsed and decontaminated before adding either BREAKFREE® NXT ATZ alone or with tank mix combinations. If water is used as the carrier, use clean water.

**Used Alone:** When BREAKFREE® NXT ATZ is used alone, add the specified amount to the spray tank when the tank is half filled with carrier, then add the rest of the water or fluid fertilizer. Provide sufficient agitation during mixing and application to maintain a uniform emulsion.

**Tank Mixed:** If a tank mixture is used, it is recommended that a compatibility test be done before actual tank mixing.

Once compatibility is confirmed for the tank mix, fill the tank half full of carrier. Start and continue agitation throughout mixing. All return lines to the spray tank must discharge below the liquid level. Add components in the following order of formulation:

- If a wettable powder or dry flowable formulation is used, make a slurry with water and add it slowly through the screen into the tank. Agitate during the procedure.
- If a flowable formulation is used, add slowly through screen into the tank. Mixing and compatibility may be improved when the flowable is diluted with water before adding to the tank.



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- Add DuPont™ BREAKFREE® NXT ATZ next.
- Add ammonium sulfate then DuPont™ ABUNDIT® Extra herbicide, 2,4-D herbicide, and a nonionic surfactant last, if needed.
- Complete filling the sprayer tank and continue agitation.
- Batches should be mixed and applied the same day.

**Note:** For all tank mixtures, maintain agitation during mixing and throughout application to ensure spray mixture remains uniformly suspended. If spray mixture is allowed to settle at any time, thorough agitation is required to resuspend the mixture before spraying is resumed.

**Volume**

**Liquid:** Use a minimum of 10 gallons per acre in broadcast boom equipment for ground applications.

**Dry Bulk Fertilizer:** Use a minimum of 200 pounds of dry bulk fertilizer per acre.

**Pressure**

If liquid carriers are used, the pressure at the nozzle should be 15 to 40 psi to ensure good distribution in the spray pattern. Use appropriate nozzles and 50-mesh or coarser screens, if needed. Maintain sufficient agitation to ensure the mixture is suspended in the spray tank.

**Application Timing and Methods**

For the optimum period of effective weed control during the time most critical to corn production, preplant applications of BREAKFREE® NXT ATZ should occur as close as possible to planting. Preemergence applications should occur as close as possible to planting, but prior to weed emergence; this product will not control emerged weeds present at application.

**Early Preplant Surface:** On medium and fine textured soils (see Table 1), BREAKFREE® NXT ATZ may be applied up to 45 days prior to planting field corn or silage corn. Split applications can be made 30 to 45 days prior to planting with 60 percent of the specified broadcast rate applied initially and the remaining 40 percent applied at planting. Applications made less than 30 days prior to planting can be made either as a split or as a single application. If weeds are present at the time of application, apply this product in a tank mixture with an appropriate contact herbicide. Observe directions for use, precautions, and restrictions on the label of the contact herbicide. During the planting operation, be careful not to move untreated soil to the surface or move treated soil out of the row, as weed control may be reduced.

**Preplant Incorporation:** BREAKFREE® NXT ATZ and certain tank mixes may be mechanically incorporated in the top 2 inches of the soil with field cultivators, discs, or spring tooth harrows at any time within 14 days prior to planting. Improper incorporation, excessive crop residues, or poor soil tilth may result in erratic, streaked or otherwise unsatisfactory weed control. Do not mix BREAKFREE® NXT ATZ deeper than 2 inches into the soil and avoid moving or shaping soil after incorporation, as weed control may be reduced.

**Preemergence Surface:** BREAKFREE® NXT ATZ and certain tank mixes may be applied to the soil surface as a broadcast or banded application. Precipitation or sprinkler irrigation of at least 0.25 inch is required to bring BREAKFREE® NXT ATZ into contact with germinating seeds. If rain or sprinkler irrigation does not occur within 7 days after application, weed control may be improved by using a rotary hoe, or similar device, to incorporate the herbicide. The device used should be run at a shallow depth to prevent disturbing the corn seed. Do not remove BREAKFREE® NXT ATZ from the weed control zone or dilute it with untreated soil. Erratic weed control resulting from exposure of untreated soil may occur if surface soil is moved or reshaped during incorporation.

**Postplant-Preemergence:** BREAKFREE® NXT ATZ may be applied immediately after planting but prior to corn emergence. If rain or sprinkler irrigation does not occur within 7 days after application, weed control may be improved by using a rotary hoe, or similar device, to shallowly incorporate the herbicide. The device used should be run at a shallow depth to prevent disturbing the corn seed. Do not remove BREAKFREE® NXT ATZ from the weed control zone or dilute it with untreated soil. Erratic weed control resulting from exposure of untreated soil may occur if surface soil is moved or reshaped during incorporation.

**Banding-Preemergence:** BREAKFREE® NXT ATZ may be applied in a 10 to 14 inch band after corn planting but prior to corn emergence. If rain or sprinkler irrigation does not occur within 7 days after application, weed control may be improved by using a rotary hoe or similar device to incorporate the herbicide. The device used should be run at a shallow depth to prevent disturbing the corn seed. Do not remove BREAKFREE® NXT ATZ from the weed control zone or dilute it with untreated soil. Erratic weed control resulting from exposure of untreated soil may occur if surface soil is moved or reshaped during incorporation.

**Early Postemergence:** BREAKFREE® NXT ATZ may be applied early postemergence to corn up to 11" tall. Applications must be made prior to weed seedling emergence or in a tank mixture that controls the emerged weeds. Read and follow restrictions and directions on tank mix product labels.

**Note:** Do not make postemergence applications using sprayable liquid fertilizer as the carrier because severe crop injury may occur.

**Note:** Do not apply DuPont™ BREAKFREE® NXT ATZ postemergence to sweet corn.

**Sprinkler Irrigation:** Do not apply BREAKFREE® NXT ATZ through sprinkler irrigation systems, unless otherwise directed by approved supplemental labeling in possession of the user at the time of application. A sprinkler system may be used to incorporate BREAKFREE® NXT ATZ after application. After BREAKFREE® NXT ATZ has been applied, a sprinkler irrigation system set to deliver 0.25 to 0.75 inch of water per acre may be used to incorporate the product. Using more than 0.75 inch of water could result in reduced performance. On sandy soils low in organic matter, use no more than 0.5 inch of water. Do not use flood irrigation to apply or incorporate BREAKFREE® NXT ATZ.

**Planting**

Planting should be done as close to the time of application of BREAKFREE® NXT ATZ as possible. This allows BREAKFREE® NXT ATZ to provide effective weed control during the time it is most critical in the production of corn.

**Cultivation**

Cultivation should be delayed as long as possible. If weeds emerge, a shallow cultivation or rotary hoeing will generally result in improved weed control. If BREAKFREE® NXT ATZ was incorporated, cultivate to a depth of less than half the depth of incorporation.

If cultivation is necessary due to soil crusting, compaction, or escaped weeds, adjust equipment to run shallow and minimize soil movement. This will decrease the possibility of diluting or moving the herbicide from the weed control zone.

**Soil Texture and Organic Matter**

The specified use rate of BREAKFREE® NXT ATZ is determined by a combination of two factors, soil texture and organic matter, which must be determined prior to application. Soils are grouped into three textural classes (coarse, medium and fine), as outlined in Table 1.

**Table 1: Soil Texture Groupings for BREAKFREE® NXT ATZ Use Rate Selection.**

Coarse	Medium	Fine
Sand	Loam	Silty Clay Loam
Loamy Sand	Silt Loam	Clay Loam
Sandy Loam	Silt	Sandy Clay
	Sandy Clay Loam	Silty Clay
		Clay

**Use Rates for Conventional Tillage Systems**

**Table 2: BREAKFREE® NXT ATZ Use Rates by Soil Texture and Organic Matter Content in Conventional Tillage Systems.**

The following use rates are for preplant incorporated, preemergence, and early postemergence applications (see Application Timing and Methods). Apply this product before weeds reach the 2-leaf stage and the corn is no more than 11 inches in height. Consult Table 3 if reduced or no-till applications are made or application is made more than 14 days prior to planting under conventional tillage.

Soil Texture	Broadcast Rate Per Acre (Quarts)* Soil Organic Matter Content	
	Less than 3%	3% or Greater
Coarse	1.4	1.7
Medium	1.7 - 2.4	2.3 - 2.6†
Fine	2.3 - 2.6†	2.3 - 3.0†

\*Use the higher rate in the rate range in areas of heavy weed infestation.

NOTE: In areas of heavy weed infestations, use up to 2.3 quarts per acre on coarse-textured soils and 2.3 – 3.0 quarts per acre on medium- and fine-textured soils.

† On highly erodible soils with less than 30% plant residue, do not apply more than 2.5 quarts of BREAKFREE® NXT ATZ per acre in a single preemergence application.

**Use Rates for Reduced Tillage Systems or Early Preplant Applications in Conventional Tillage Systems**

BREAKFREE® NXT ATZ may be used in reduced- and no-till systems and in early preplant applications in conventional tillage systems. Single applications may be made from up to 30 days prior to planting or after planting but before the corn crop emergence. Optimal weed control will be obtained when applications are made as close to planting as possible but

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before crop emergence. If weeds are emerged at time of application, apply a labeled burndown herbicide such as as DuPont™ ABUNDIT® Extra (glyphosate), paraquat, or 2,4-D with DuPont™ BREAKFREE® NXT ATZ.

**Table 3: BREAKFREE® NXT ATZ Use Rates by Soil Texture in Reduced and No-till Systems or Conventional Tillage Systems when Applications are made more than 14 days Prior to Planting**

Soil Texture	Broadcast Rate Per Acre (Quarts)*
Coarse**	1.7 - 2.3
Medium	2.3 - 3.0†
Fine	2.3 - 3.0†

\*Use the higher rate in the rate range in areas of heavy weed infestation. Rates are for single applications. Split applications may be used; apply 60% of the specified rate up to 45 days before planting and the remaining 40% at or immediately following planting but before crop emergence.

\*\*Do not apply more than 14 days prior to planting on coarse textured soils.

† On highly erodible soils with less than 30% plant residue, do not apply more than 2.5 quarts of BREAKFREE® NXT ATZ per acre in a single preemergence application.

**Band Applications**

For band applications, use row and band width measurements (inches) to calculate the amount of BREAKFREE® NXT ATZ to be applied per acre as follows:

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Rate per acre for a broadcast treatment} = \text{Amount of BREAKFREE® NXT ATZ to apply per acre}$$

**Weeds Controlled**

BREAKFREE® NXT ATZ applied as directed in this label will control or partially control the weeds listed in Table 4. Additional weeds may be controlled with tank mixes. See the "Tank Mix Combinations" section of this label for tank mix directions. Always consult the tank mix product labels for specific use rates and directions. Always follow the most restrictive label when tank mixing BREAKFREE® NXT ATZ with another product. BREAKFREE® NXT ATZ may be tank mixed with any other registered corn product as long as compatibility is verified and tank mixing is not prohibited by the tank mix product label. Note: This product contains atrazine and may not control weeds that are known or suspected to be triazine resistant.

**Table 4: Weeds Controlled or Partially Controlled by BREAKFREE® NXT ATZ at Specified Use Rates.**

Grasses and Sedges C = Control PC = Partial Control	Broadleaves C = Control PC = Partial Control
barnyardgrass	C
crabgrass spp.	C
crowfootgrass	C
cupgrass, southwestern	C
cupgrass, woolly	PC
foxtail, giant	C
foxtail, green	C
foxtail, robust (purple, white)	C
foxtail, yellow	C
goosegrass	C
johnsongrass, seedling	PC
millet, foxtail	C
millet, wild proso	PC
nutsedge, yellow (1,2)	C
oat, wild	C
panicum, browntop	C
panicum, fall	C
panicum, Texas(3)	PC
rice, red	C
sandbur, field	PC
shattercane	PC
signalgrass, broadleaf(3)	C
sprangletop, red	C
wheat, volunteer	C
witchgrass	C
beggarweed, Florida	C
carpetweed	C
cocklebur (2)	C
galinsoga	C
groundcherry, annual	C
groundcherry, cutleaf	C
henbit	C
jimsonweed	C
kochia	C
lambsquarters, common	C
morningglory spp.(2)	C
mustard spp.	C
nightshade, black	C
nightshade, hairy	C
pigweed, spp	C
purslane, common	C
pusley, Florida	C
ragweed, common	C
ragweed, giant	PC
sicklepod	PC
sida, prickly	C
smartweed spp.	C
sunflower, common	PC
velvetleaf (2)	C
waterhemp	C

- (1) Preplant incorporate for improved control.
- (2) Use the higher rate in the specified application rate range. Control of these weeds can be erratic, especially under dry conditions. Additional atrazine and/or sequential herbicide applications may be needed for complete control.

- (3) Best control is achieved when DuPont™ BREAKFREE® NXT ATZ is applied within 5 days of planting and rainfall occurs shortly after application or mechanical incorporation is used to activate the herbicide. If rainfall does not occur within 7 days after application, shallow cultivation will enhance activity. Excessive rainfall after application may reduce control. Under adverse weather conditions and/or heavy infestations, a cultivation or follow-up herbicide may be needed.

**BREAKFREE® NXT ATZ Tank Mix Combinations**

When tank mixing or sequentially applying atrazine or simazine or products containing either a.i. to corn, the total pounds simazine and/or atrazine applied (lb ai/A) must not exceed 2.5 pounds of active ingredient per year.

For all applications, do not exceed the maximum rate of acetochlor as specified in the Maximum Acetochlor Application Rates per Calendar Year section of this label.

**Use of Spray Adjuvants**

BREAKFREE® NXT ATZ is a preemergence herbicide for which spray adjuvants have little or no effect on performance. However, several herbicides used in tank mixtures with BREAKFREE® NXT ATZ require use of adjuvants to aid in the burndown of emerged weeds. Use only those adjuvants specified on tank mix product labels and approved for agricultural crop use. Adjuvants and/or low rate liquid fertilizers (28%, 30% or 32% UAN) or ammonium sulfate (AMS) may be used with tank mixes applied preplant or preemergence to the crop. Note: Do not use liquid fertilizer as the carrier when BREAKFREE® NXT ATZ is applied postemergence to corn as severe injury may result. The addition of liquid fertilizers used as adjuvants with BREAKFREE® NXT ATZ tank mixes applied postemergence to corn under environmental stress conditions may result in significant crop injury and should be avoided if the risk of crop injury is unacceptable.

**Burndown Plus Preemergence Tank Mix Combinations**

Tank mix combinations may be used in either conventional, reduced or no-till systems and be applied by the same methods and at the same timings as BREAKFREE® NXT ATZ unless otherwise specified in the tank mix product label.

BREAKFREE® NXT ATZ may be tank-mixed with DuPont™ ABUNDIT® Extra, DuPont™ ALLUVEX™, atrazine, DuPont™ BASIS® Blend, BREAKFREE® NXT, carfentrazone, dicamba, flumetsulam, glufosinate, glyphosate, "Hornet" WDG, DuPont™ INSTIGATE™, isoxaflutole, DuPont™ LEADOFF®, mesotrione, paraquat, pendimethalin, DuPont™ PREQUEL®, pyroxasulfone, DuPont™ RESOLVE® brands, rimsulfuron, saflufenacil, simazine, or 2,4-D for preemergence use in corn. Ensure that specific product being used in the tank mixture is registered for preemergence application to corn. Perform a compatibility test and check the label of the tank mix product label for application rates, applicable use directions, precautions and limitations. Read and follow label directions of all products in the tank mixture; the most restrictive label directions apply.

When tank mixing BREAKFREE® NXT ATZ with atrazine, do not exceed the maximum allowable rate of atrazine in your county or state. In some atrazine management areas, atrazine is more restricted. Consult your county extension office or state university for further information.

In reduced or no-tillage corn, burndown herbicides can be tank mixed with BREAKFREE® NXT ATZ to burn down existing weeds. Burndown herbicides should be applied to emerged weeds when they are small. Weeds less than 6 inches in height are easiest to control. Consult the burndown product labels for further information on weeds controlled.

**Postemergence Tank Mix Combinations**

BREAKFREE® NXT ATZ may be applied before, with, or following the use of one or more of the following herbicides: ABUNDIT® Extra, DuPont™ ACCENT® Q, atrazine, BASIS® Blend, "Beacon", "Buctril", "Buctril"/atrazine, carfentrazone, dicamba, glufosinate, glyphosate, "Hornet" WDG, "Impact", "Laudis", mesotrione, nicosulfuron, "Peak", pendimethalin, "Permit", DuPont™ REALM® Q, RESOLVE® Q, rimsulfuron, "Shotgun", simazine, DuPont™ STEADFAST® Q, or 2,4-D. Refer to the tank mix product label(s) regarding use directions, precautions and restrictions, and the list of weeds controlled. BREAKFREE® NXT ATZ may be tank mixed with any product approved for use on corn unless it is prohibited on the tank mix product label. Ensure that specific product being used in the tank mixture is registered for postemergence application to corn. Read and follow label directions of all products in the tank mixture; the most restrictive label directions apply. Note: Do not use liquid fertilizer as the carrier when BREAKFREE® NXT ATZ is applied postemergence to corn as severe injury may result. The addition of liquid fertilizers used as adjuvants with BREAKFREE® NXT ATZ tank mixes applied postemergence to corn under environmental stress conditions may result in significant crop injury and should be avoided if the risk of crop injury is unacceptable.

When tank mixing, read and follow label use directions and precautions of the tank mix product. BREAKFREE® NXT ATZ can be applied to corn up to 11" tall.

**Miscanthus and Other Non-food Perennial Bioenergy Crops**

For weed control in Miscanthus and other non-food perennial bioenergy crops, apply BREAKFREE® NXT ATZ at 1.4-1.9 quarts per acre after the crop has been transplanted or after fully emerged to a height of at least 2-3 inches.

Up to two applications of DuPont™ BREAKFREE® NXT ATZ may be made each year. The total amount of this product applied each year must not exceed 3.8 quarts per acre.

**Restrictions:**

Do not allow the Miscanthus or other non-food perennial bioenergy crop treated with BREAKFREE® NXT ATZ to be grazed or used as animal feed.

**Procedure for Testing the Compatibility of BREAKFREE® NXT ATZ and Tank Mixes with Fluid Fertilizers.**

Since fluid fertilizers vary, the following procedure is suggested for determining whether BREAKFREE® NXT ATZ may be combined with a specific fluid fertilizer for spray tank application.

**Materials Needed:**

- BREAKFREE® NXT ATZ and any tank mix products.
- Fluid fertilizer to be used.
- Adjuvant for fertilizer tank mix: Use any adjuvant cleared for use on growing crops under 40 CFR 180.1001 to improve the compatibility of BREAKFREE® NXT ATZ with fluid fertilizers. The adjuvant that provides the best emulsification depends on the specific fertilizer under consideration.
- Two 1 quart, wide mouth glass jars with lid or stopper.
- Measuring spoons (a 25-ml pipette or graduated cylinder provides more accurate measurement).
- Measuring cup, 8 ounces (257 ml).

**Procedure:**

1. Pour a pint (about 473 ml) of the fluid fertilizer into each of the quart jars.
2. Add BREAKFREE® NXT ATZ and any tank mix combination to the jars. The order of addition is wettable powders first with mixing, followed by flowables with mixing and the EC's last. The rate of wettable powders and dry flowables is 1 1/2 teaspoon per pound of product per acre to be applied. EC's should be added at the rate of 1/2 teaspoon for each pint per acre to be applied. Premixing the wettable powders in 1 ounce of water before adding to the pint of fluid fertilizer will improve the compatibility of the final mixture.
3. Add 1/2 teaspoon (2 ml) adjuvant to one of the jars, label it as "with", and mix. The rate of 1/2 teaspoon per pint is equal to 3 pints of adjuvant per 100 gallons of fluid fertilizer.
4. Close both jars with lids or stoppers and mix the contents by turning the jars upside down ten times.
5. Inspect the surface and body of the mixtures:
  - (a) Immediately after completing the jar inversions
  - (b) After allowing the jars to stand quietly for 30 minutes
  - (c) And then again after turning the jars upside down 10 times after the 30 minute inspection

**Evaluation:**

If either mixture remains uniform for 30 minutes, the combination may be used. Should either mixture separate after 30 minutes, but readily remix uniformly with 10 jar inversions, the mixture can be used if adequate agitation is maintained in the tank. If the mixture with adjuvant is satisfactory but the mixture without adjuvant is not, be sure to use the adjuvant in the spray tank. Add the adjuvant first at a rate of 3 pints per 100 gallons of fluid fertilizer. Foaming may be minimized by using only moderate agitation. **If non-dispersible oil, sludge, or clumps of solids form in the mixtures, the combination should not be used.**

**Dry Bulk Fertilizer Impregnation**

Impregnation of bulk fertilizer is restricted to commercial facilities. On-farm fertilizer impregnation is prohibited. No more than 500 tons of bulk fertilizer can be impregnated per day. No single facility may impregnate fertilizer with this product for more than 30 days per calendar year."

The commercial facility impregnating the dry bulk fertilizer must inform, in writing, the user (applicator) of the dry bulk fertilizer that:

- Applicator must wear long-sleeved shirt, long pants, shoes, and socks
- The restricted entry interval is 12 hours.

All individual state regulations relating to dry bulk fertilizer blending, registration, labeling and application are the responsibility of the individual and/or company selling the BREAKFREE® NXT ATZ

Dry bulk fertilizers (Table 5) may be impregnated with this product or the tank mixtures of this product plus atrazine on corn. This product and these tank mixtures must be applied with 200 to 450 pounds of dry bulk fertilizer per acre and shallowly incorporated within 14 days prior to planting. On medium- and fine-textured soils in areas where incorporation is not planned (i.e., reduced tillage situations or in some conventional tillage situations), applications can be made up to 30

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days before planting to allow moisture to move the herbicide-fertilizer mixture into the soil. On coarse-textured soils, applications can be made up to 14 days prior to planting.

When applying DuPont™ BREAKFREE® NXT ATZ alone or in tank mixes with dry bulk fertilizers, follow all directions for use and precautions on the respective tank mix product labels regarding rates, soil type, application methods and rotational restrictions. Refer to the table for broadcast rate per acre to determine the application rate per acre for the herbicide treatment to be applied.

**Table 5: Approved Dry Fertilizer Ingredients for Use with BREAKFREE® NXT ATZ.**

Fertilizer	N	P	K
Ammonium Phosphate-Sulfate	16	20	0
Ammonium Sulfate	21	0	0
Diammonium Phosphate	18	46	0
Monoammonium Phosphate	11	56	0
Potassium Chloride	0	0	60
Potassium Sulfate	0	0	52
Urea†	45	0	0

† Some ureas may be phytotoxic when high rates are applied to corn. Use only urea rates known to be safe for corn application.

For impregnating the pesticides on dry fertilizers, use an appropriate mixer equipped with suitable spraying equipment. The spray nozzles should be positioned inside the mixer to provide uniform spray coverage of the tumbling fertilizer. The BREAKFREE® NXT ATZ should be sprayed uniformly onto the fertilizer using a fine spray pattern. Tank mix components may be applied as separate ingredients with powders and dry flowables added first or they may be mixed in a slurry in the proper ratio and added jointly. BREAKFREE® NXT ATZ may also be impregnated on the go and applied with pneumatic applicators.

The following table provides a reference to determine the amount of BREAKFREE® NXT ATZ to be mixed per ton of dry bulk fertilizer for a range of herbicide rates and fertilizer rates per acre.

**Table 6. BREAKFREE® NXT ATZ Fertilizer Impregnation Rate Conversions.**

Fertilizer Rate (lbs/acre)	Acres Covered (per ton)	Quarts of BREAKFREE® NXT per Ton of Fertilizer to Deliver:		
		1.4 qts/acre	1.8 qts/acre	2.3 qts/acre
200	10.0	14.0	18.0	23.0
250	8.0	11.2	14.4	18.4
300	6.7	9.4	12.0	15.4
350	5.7	8.0	10.3	13.1
400	5.0	7.0	9.0	11.5
450	4.5	6.2	8.0	10.4

To determine the amount of BREAKFREE® NXT ATZ needed for other fertilizer rates, use the following formula:

$$\frac{\text{BREAKFREE® NXT ATZ (quarts/acre)} \times 2000}{\text{Pounds of fertilizer/acre}} = \frac{\text{Quarts of BREAKFREE® NXT ATZ}}{\text{per ton of fertilizer}}$$

If the herbicide/fertilizer mixture is too wet, use of a drying agent is required to provide a dry, free-flowing mixture. For mixtures to be used in spinning-disc applicators, Micro-Cel E calcium silicate powder (Manville, Filtration & Minerals) is recommended for use as a drying agent. Mixtures to be used in pneumatic applicators should use Micro-Cel E or Agsorb 16/30 RVM-MS granular clay (Oil-Dri Corporation). The drying agents should be added separately and uniformly to the prepared pesticide/fertilizer mixture, in a quantity that is sufficient to provide a suitable free-flowing mixture. Generally, less than 2% Micro-Cel E or 5% Agsorb 16/30 RVM-MS by weight is required.

**Precaution:** To avoid potential for explosion, do not impregnate BREAKFREE® NXT ATZ on ammonium sorbate nitrate, potassium nitrate, or sodium nitrate fertilizer or fertilizer blends. Do not impregnate on single (0-20-0) or triple (0-46-0) super phosphate. Do not impregnate on agricultural limestone because BREAKFREE® NXT ATZ will not be absorbed.

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## STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in original container only. Keep container closed when not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with vermiculite, earth, or synthetic absorbent.

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

**CONTAINER HANDLING:** Refer to the Net Contents section of this product's labeling for the applicable "Nonrefillable Container" or "Refillable Container" designation.

**Nonrefillable Plastic and Metal Containers (Capacity Equal to or Less Than 5 Gallons):** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**Nonrefillable Plastic and Metal Containers (Capacity Greater Than 5 Gallons):** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**Nonrefillable Plastic and Metal Containers, e.g., Intermediate Bulk Containers [IBC] (Size or Shape Too Large to be Tipped, Rolled or Turned Upside Down):** Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying the contents from this container into application equipment or mix tank and before final disposal using the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain, pour or pump rinsate into application equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. For Metal Containers, offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**All Refillable Containers:** Refillable container. Refilling Container: Refill this container with DuPont™ BREAKFREE® NXT ATZ herbicide containing acetohlor and atrazine only. Do not reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn out threads and closure devices. If damage is found, do not use container, contact DuPont at the number below for instructions. Check for leaks after refilling and before transporting. If leaks are found, do not reuse or transport container, contact DuPont at the number below for instructions. Disposing of Container: Do not reuse this container for any other purpose other than refilling (see preceding). Cleaning the container before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal, use the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain, pour or pump rinsate into application equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Do not transport if container is damaged or leaking. If the container is damaged, leaking or obsolete, or in the event of a major spill, fire or other emergency, contact DuPont at 1-800-441-3637, day or night.

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

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It is impossible to eliminate all risks associated with the use of this product. Such risks arise from weather conditions, soil factors, off target movement, unconventional farming techniques, presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of DuPont. These risks can cause: ineffectiveness of the product, crop injury, or injury to non-target crops or plants. **WHEN YOU BUY OR USE THIS PRODUCT, YOU AGREE TO ACCEPT THESE RISKS.**

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