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

EPA REGISTRATION NO.  
62719-223

DATE OF ISSUANCE  
20 OCT 1993

TERM OF ISSUANCE  
Conditional, Expires: 20 APR 1995

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION  
(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Broadstrike

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

DowElanco  
Quad IV  
9002 Purdue Road  
Indianapolis, IN 46268-1189

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 section 3(c)(7)(C) provided that you:

1. Submit data required to change this registration to an unconditional FIFRA section 3(c)(b) registration. The required data with deadlines for submitting the required data are listed on the second page of this notice of Pesticide Registration.

2. Add the phrase, "EPA Registration No. 62719-223" to your label before you release the product for shipment.

3. Submit three (3) copies of your final printed labeling, with the change referred to above, before you release the product for shipment.

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

A stamped copy of the label is enclosed for your records.

**BEST AVAILABLE COPY**

Joanne L. Miller  
Product Manager (23)  
Fungicide-Herbicide Branch  
Registration Division (75050)

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

*Joanne L. Miller*

DATE  
20 OCT 1993

2013

(Editor's Note: Deleted text indicated by strike-through and added text underlined)

(Container Label)

(Logo) DowElanco

**Broadstrike**  
**Formerly XRM-5019**

**For Broadleaf Weed Control in Field Corn and Soybeans**

**ACCEPTED**  
**20 OCT 1993**  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. **62719-224**

**Active Ingredient:**

flumetsulam: N-(2,6-difluorophenyl)-5-methyl-1,2,4-triazolo-[1,5a]-pyrimidine-2-sulfonamide.....	74.9%
Inert Ingredients .....	25.1%
Total .....	100.0%

Contains 0.749 pounds of active ingredient per pound of product.

**Precautionary Statements**

**Hazards to Humans and Domestic Animals**  
Keep Out of Reach of Children

**CAUTION**

Harmful if Absorbed Through Skin • Causes Eye Irritation

~~Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.~~

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

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.

**First Aid**

If in eyes: Flush with plenty of water. Get medical attention if irritation persists.

If on skin: Wash with plenty of soap and water. Get medical attention if irritation develops.

**Environmental Hazards**

For terrestrial uses, do not apply directly to water, areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

Flumetsulam has been identified in groundwater sampling from a field research site under vulnerable conditions. There is the possibility that flumetsulam may leach through soil to groundwater, especially where soils are coarse and groundwater is near the surface.

**BEST AVAILABLE COPY**

Refer to attached label booklet for additional precautionary information including Personal Protective Equipment (PPE), and Directions for Use, including Agricultural Use Requirements and Storage and Disposal.

**Notice:** Read the entire label before using. Use only according to label directions. Before buying or using this product, read "Warranty Disclaimer" and "Limitation of Remedies" elsewhere on this label.

In case of emergency endangering health or the environment involving this product, call collect 517-636-4000.

Agricultural chemical: Do not ship or store with food, drugs or clothing.

EPA Reg. No. 62719-EEU

EPA Est. 00000-XX-00

DowElanco • Indianapolis, IN 46268

**Herbicide**

**Net Weight \_\_ lb**

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(Label Booklet)

(Logo) DowElanco

# Broadstrike Formerly XRM-5019

For Broadleaf Weed Control in Field Corn and Soybeans

**Active Ingredient:**

flumetsulam: N-(2,6-difluorophenyl)-5-methyl-1,2,4-triazolo-[1,5a]-  
pyrimidine-2-sulfonamide..... 74.9%

**Inert Ingredients** ..... 25.1%

**Total** ..... 100.0%

Contains 0.749 pounds of active ingredient per pound of product.

**Keep Out of Reach of Children**

## CAUTION

Refer to inside of label booklet for additional precautionary information including Personal Protective Equipment (PPE), and Directions for Use, including Agricultural Use Requirements and Storage and Disposal.

**Notice:** Read the entire label before using. Use only according to label directions. Before buying or using this product, read "Warranty Disclaimer" and "Limitation of Remedies" elsewhere on this label.

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EPA Reg. No. 62719-EEU

EPA Est. 00000-XX-00

DowElanco • Indianapolis, IN 46268

## Herbicide

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**Precautionary Statements**

- Hazards to Humans and Domestic Animals  
Keep Out of Reach of Children

**CAUTION**

Harmful if Absorbed Through Skin • Causes Eye Irritation

Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

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.

**First Aid**

If in eyes: Flush with plenty of water. Get medical attention if irritation persists.  
If on skin: Wash with plenty of soap and water. Get medical attention if irritation develops.

**Environmental Hazards**

For terrestrial uses, do not apply directly to water, areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

Flumetsulam has been identified in groundwater sampling from a field research site under vulnerable conditions. There is the possibility that flumetsulam may leach through soil to groundwater, especially where soils are coarse and groundwater is near the surface.

**Directions for Use**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read all directions before applying. 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.

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**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 exemptions 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
- Waterproof gloves
- Shoes plus socks

**STORAGE AND DISPOSAL**

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

- **Storage:** Store in original container only. In case of leak or spill, contain material with absorbent materials and dispose as waste.
- **Disposal:** Wastes resulting from the use of this product may be disposed of on site according to label use directions or at an approved waste disposal facility.
- **Container Disposal:** Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by incineration if permitted by State and local authorities. If burned, stay out of smoke.

**General Information**

Broadstrike is a uniquely selective herbicide for broadleaf weed control. Broadstrike may be applied as a preplant incorporated, preemergence or postemergence treatment. Preplant incorporated treatments may be applied in water or liquid fertilizer. Absorption of Broadstrike occurs through both the foliage and root uptake. Susceptible weeds exposed to Broadstrike stop growing and either die or remain non-competitive with the crop. Broadstrike provides residual control of weeds that may emerge after application. Because uptake and translocation of Broadstrike involves uptake by both roots and/or foliage, adequate soil moisture is necessary for optimal activity.

When applications are made under adverse (dry or cold) conditions or when large weeds or less susceptible species are treated, weed suppression may be observed. Weed suppression is a visual reduction in weed competition (reduced population, size, and/or vigor) as compared to an untreated area. Degree of control can be increased by applying Broadstrike under good growing conditions (i.e., adequate moisture and temperature), and by using the higher rate in the specified rate range.

**Safe Pesticide Handling Procedures**

- Calibrate sprayers only with clean water away from the well site.
- Make scheduled checks of spray equipment.
- Assure accurate measurement of pesticides by all operation employees.
- Mix only enough product for the job at hand.
- Avoid over filling the spray tank.
- Do not discharge excess material on soil at a single spot in the field or mixing/loading station.
- Dilute and agitate excess solution and apply at labeled rates/uses.
- When triple rinsing the pesticide container, be sure to add the rinsate to the spray mix.

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- **Sprayer Cleanup:** To avoid injury or exposure to nontarget crops, thoroughly clean all mixing and spray equipment on approved rinse pads or on the field site where an approved crop is to be grown. Do this immediately after application and prior to use on crops other than those registered for use on this label. All rinse material should be collected in a suitable container and disposed of according to label directions (applied to cropland to be planted to crops recommended in this label) or in a locally approved manner (see "Storage and Disposal" section).
- Placement of mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

### General Use Precautions

- Do not exceed 1 application per year.
- Do not exceed a total application rate of 0.09 lb/acre of Broadstrike (0.07 lb active/acre) in a single crop year.
- Use the lowest end of the application rate range in the use directions on treatment sites where soils have a sand or loamy sand texture throughout the soil profile.
- **Preharvest interval:** An interval of at least 85 days is required between application of Broadstrike and harvest.
- Do not apply Broadstrike to sweet corn or popcorn.
- Do not apply to areas where the soil pH is greater than 7.8 as this may result in decreased crop tolerance.
- Do not apply to areas where (both apply) the soil pH is less than 5.9 and organic matter is greater than 5%.
- Do not graze or feed treated soybean forage, hay, or straw to livestock.
- Do not make postemergence applications when air temperature is near freezing or when freezing conditions are expected for several days following application.
- **Chemigation:** Do not apply this product through any type of irrigation chemigation system.
- Avoid injurious spray drift. Do not allow sprays containing Broadstrike to come in contact with crops or vegetation other than field corn or soybeans. Avoid application when winds are greater than 10 mph or under conditions of temperature inversion.
- Do not aerially apply Broadstrike. Apply using ground equipment only.
- Avoid all direct or indirect contact with non-target plants. Do not apply near desirable vegetation and allow adequate distance between target area and desirable plants.
- Do not apply under conditions which favor runoff or wind erosion of soil containing Broadstrike 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 ground.
  - Do not apply to soils when saturated with water.
  - 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.
- Do not apply when weather 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.
  - Spray when conditions are calm or wind speed is low. Do not spray when wind is gusting or steady wind speed is greater than 10 mph.

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**Rotational Crop Restrictions:**

- Do not rotate to any crop other than field corn or soybeans for 4 months after application of Broadstrike.
- When tank mixing with companion herbicides, follow the most restrictive crop rotation guidelines on the label of each product used.
- The following rotational crops may be planted at the indicated interval following application of rates up to 0.09 lb/acre of Broadstrike:

Crop <sup>1</sup>	Interval (Months)
alfalfa	4
dry beans	4
peas	4
peanuts	4
barley, oats, rye, wheat	4
rice	6
grain sorghum	18
sunflower	18
cotton	22
sugar beets	22-26
rapeseed (canola)	22-26

<sup>1</sup>Note: Rotation to all other crops requires a 22-26 month rotational interval and or a successful field 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 Broadstrike. Plant the strips perpendicular to the direction Broadstrike 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, stand reduction, or yield 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.

**Mixing and Application****Mixing**

Broadstrike is a water dispersible granule formulation. Thorough mixing is required. Fill the spray tank about one-half full of water or liquid fertilizer (use liquid fertilizer for preplant incorporated treatments only). Start agitation and add the required amounts of Broadstrike and companion herbicide (if selected). Continue mixing and agitation while filling the spray tank to the required spray volume. To insure a uniform spray mixture continuous agitation is required during mixing and spraying. Apply within 24 hours after mixing. If product is allowed to settle, thoroughly agitate to resuspend the mixture before spraying.

**Note:** When tank mixing Broadstrike with other products, a compatibility test (jar test) using relative proportions of tank mix ingredients should be conducted prior to mixing ingredients in the spray tank.

**Broadstrike In Tank Mix**

Vigorous, continuous agitation during mixing, filling and throughout application is required for all tank mixes. Sparger pipe agitators generally provide the most effective agitation in spray tanks. To prevent foaming in the spray tank, avoid stirring or splashing air into the spray mixture. ~~To prevent foaming during filling, keep end of fill pipe below the surface of the liquid in the spray tank.~~ A non-ionic surfactant for postemergence application should be added to the spray tank last.

**Mixing Order for Tank Mixes:** Fill the spray tank to 1/4 to 1/3 of the total spray volume required with water or liquid fertilizer solution (use liquid fertilizer for preplant incorporated treatments only). Start agitation. Add different formulation types in the order indicated below, allowing time for complete mixing and dispersion after addition of each product. Allow extra mixing and dispersion time for dry flowable products.

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Add different formulation types in the following order: Broadstrike and other dry flowables; wettable powders; aqueous suspensions, flowables and liquids.

Maintain agitation and fill spray tank to 3/4 of total spray volume. Then add emulsifiable concentrates and any solutions.

Finish filling the spray tank. Maintain continuous agitation during mixing, final filling and throughout application. If spraying and agitation must be stopped before the spray tank is empty, the materials may settle to the bottom. Settled materials must be resuspended before spraying is resumed. A sparger agitator is particularly useful for this purpose. Settled material may be more difficult to resuspend than when originally mixed.

**Premixing:** Dry and flowable formulations may be premixed with water (slurried) and added to the spray tank through a 20-35 mesh screen. This procedure assures good initial dispersion of these products in liquid fertilizer or water.

Line screens in the spray tank should be no finer than 50 mesh (100 mesh is finer than 50 mesh).

### Spray Application

Apply Broadstrike in sufficient spray volume to provide uniform coverage using only properly calibrated ground equipment. Apply in a total spray volume of 10 to 40 gallons per acre using low pressure (20 to 40 pounds/square inch). Maintain sufficient agitation during mixing and spraying to ensure a uniform spray mixture. To ensure thorough coverage when applying to minimum or no-till soybeans, apply in a total spray volume of 20 or more gallons per acre.

### Liquid Fertilizer Mixing Instructions

Broadstrike can be applied in liquid fertilizer. In all cases, continuous agitation is required. When necessary, a compatibility agent can be used to ensure that Broadstrike mixes properly. The use of appropriate compatibility agents is especially important when tank mixing Broadstrike and other dry flowables, wettable powders, flowables, liquids, aqueous suspensions, or solutions with emulsifiable concentrates in liquid fertilizers. If the emulsifiable concentrate formulation rises to the surface of the fertilizer as an oil ("oils out"), the oil may combine with the wettable powder, flowable, or suspension to form oily curds (viscous phase) which are difficult to disperse. A jar test, utilizing relative proportions of the tank mix ingredients is recommended prior to mixing with liquid fertilizers.

### Application with Dry Bulk Fertilizer

Dry bulk fertilizer may be impregnated or coated with Broadstrike. Application of dry bulk fertilizer impregnated with Broadstrike provides weed control equal to the same rates of Broadstrike applied in liquid carriers.

Follow Broadstrike label recommendations regarding rates per acre, crops, special instructions, cautions and special precautions. For best results, Broadstrike should be incorporated two times when applied impregnated on dry bulk fertilizers. For best weed control results, the second incorporation should be delayed three (3) to five (5) days after the first. Follow other Broadstrike label recommendations for soil incorporation.

Compliance with all Federal and State regulations relating to blending pesticide mixtures with dry bulk fertilizer, registration, labeling and application are the responsibility of the individual and/or company offering the fertilizer and chemical mixture for sale.

**Limitations:** Apply a minimum of 200 pounds per acre of dry fertilizer impregnated with Broadstrike at the recommended rate. Most dry fertilizers can be used for impregnation with Broadstrike. When coated ammonium nitrate and/or limestone are used alone, do not impregnate with Broadstrike. These materials will not absorb the herbicide. Blends containing a mixture of these materials can be impregnated.

**Impregnation:** Use any closed drum, belt, ribbon or other commonly used dry bulk fertilizer blender. Nozzles used to spray the Broadstrike onto the fertilizer should be placed to provide uniform spray coverage. Add water to the Broadstrike to give a total volume of at least six (6) pints per ton of fertilizer.

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## Approved Uses

### **Soil Applied Treatments for Preemergence Weed Control in Field Corn and Soybeans**

Broadstrike may be soil applied as a preplant incorporated or preemergence treatment. Apply alone or in tank mix combination with Treflan, Sencor, Dual, alachlor, Lasso, or Prowl.

**Note:** Broadstrike may be tank mixed with other registered herbicides registered for use on soybeans, unless tank mixing is specifically prohibited by the label of the tank mix product. When Broadstrike is tank-mixed with a companion herbicide, follow relevant use directions, including precautions, restrictions and limitations listed on the manufacturer's label.

#### **Preplant Incorporated Application**

Apply and incorporate Broadstrike from 0 up to 30 days before planting. Preplant incorporated treatments may be applied in water or liquid fertilizer. Use incorporation equipment that will uniformly mix the herbicide treatment into the top 2 to 3 inches of the final seedbed.

#### **Preemergence (Surface Application)**

Apply before, during or after planting but prior to crop emergence. Broadstrike may be surface applied from 0 up to 30 days before planting. Adequate soil moisture is required for optimum herbicidal activity. For surface applications, rainfall or overhead sprinkler irrigation is necessary to move Broadstrike into the weed germination zone. The amount of rainfall or irrigation required following application depends on existing soil moisture, soil texture, and organic matter content. Sufficient water to moisten the soil to a depth of 2 inches is generally adequate. If adequate soil moisture is not received within 7 to 10 days after a surface applied treatment, a shallow cultivation is recommended to control established weeds and move the herbicide into the weed germination zone. When adequate soil moisture is received following dry conditions, activity on established weeds will depend on the weed species and the location of its root system in the soil.

#### **No-Till or Reduced Tillage Application**

Apply before, during or after planting but prior to crop emergence. To ensure thorough coverage, apply in a total spray volume of 20 or more gallons per acre. Use higher spray volume for fields with dense vegetation or heavy crop residues.

To control existing vegetation, Broadstrike may be tank mixed with Gramoxone Super or Roundup in addition to a companion product for preemergence grass control.

#### **Application Rates and Weeds Controlled by Soil Applied Treatments to Soybeans:**

Broadleaf Weeds Controlled	Amount of Broadstrike per Acre		
	Pounds of Product <sup>3</sup>	Grams (ounces) of Product	Pounds ai <sup>3</sup>
velvetleaf, redroot pigweed, smooth pigweed, common lambsquarters, common ragweed, common sunflower, jimsonweed, prickly sida, black nightshade, Venice mallow, Florida beggarweed, spotted spurge, purslane, sicklepod, smartweed, spurred anoda and wild mustard.	0.04 - 0.09	18 - 41 (0.64 - 1.44)	0.03 - 0.07
common cocklebur <sup>1</sup> , giant ragweed, wild sunflower, sicklepod and morningglory species. <sup>2</sup>	0.08 - 0.09	36 - 41 (1.28 - 1.44)	0.06 - 0.07

<sup>1</sup>Light to moderate infestations only. For best results, preplant incorporate.

<sup>2</sup>These weeds are more consistently controlled with preplant incorporated treatments.

<sup>3</sup>Do not exceed a total application rate of 0.09 lb/acre Broadstrike (0.07 lb/acre ai) during a single crop year.

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**Postemergence Weed Control in Field Corn and Soybeans**

**Factors Affecting Weed Control:** Apply to actively growing weeds. Extreme growing conditions such as drought, or near freezing temperatures before, at, or following application may result in reduced weed control. Degree of control will depend on application rate used, weed susceptibility, and spray adjuvant as well as growing conditions at the time of treatment.

**Cultivation:** Cultivation before, during or within 7 days after application is not recommended. Cultivation may put weeds under stress by pruning roots, thereby reducing herbicide uptake and weed control. For best results, delay cultivation for 14 days after application.

**Postemergence Application to Field Corn**

**Application Timing:** Application may be made to field corn up to 12 inches tall. Apply when broadleaf weeds are at the 2 to 4 true leaf stage of growth. Weeds too large for optimum control will be suppressed, but may recover after 2 to 3 weeks. Spraying at the cotyledon stage is not recommended. Do not apply if rainfall is expected within 6 hours after application.

**Note:** Do not apply to field corn grown for seed.

**Use of Surfactants:** All postemergence applications of Broadstrike must include a non-ionic surfactant at 0.25% v/v (1 qt/100 gal). Use a good quality surfactant with at least 80% active ingredient.

**Application Rates and Weeds Controlled by Postemergence Application to Field Corn:**

Broadleaf Weeds Controlled	Amount of Broadstrike per Acre		
	Pounds of Product	Grams (Ounces) of Product	Pounds ai <sup>1</sup>
Common cocklebur, velvetleaf, common ragweed, common sunflower, jimsonweed, prickly sida, black nightshade, Venice mallow, morningglory species, smartweed, spurred anoda and wild mustard.	0.02 - 0.04	9.0 - 18.0 (0.32 - 0.64)	0.015 - 0.03
redroot pigweed, smooth pigweed and common lambsquarters	0.04 - 0.08	18.0 - 36.0 (0.64 - 1.28)	0.03 - 0.06

<sup>1</sup>**Note:** Do not exceed 0.08 lb/acre of Broadstrike (0.06 lb/acre active) for postemergence application.

**Tank Mixing:** Broadstrike may be applied alone or in tank mix combination with other herbicides registered for postemergence application in field corn unless tank mixing is specifically prohibited by the label of the tank mix product. When Broadstrike is tank-mixed with a companion herbicide, follow relevant use directions, including precautions, restrictions and limitations listed on the manufacturer's label.

**Postemergence Application to Soybeans**

**Application Timing:** Applications may be made to soybeans from the first to the fifth trifoliate leaf stage of growth. Apply when broadleaf weeds are at the 2 to 4 true leaf stage of growth. Weeds too large for optimum control will be suppressed, but may recover after 2 to 3 weeks. Spraying at the cotyledon stage is not recommended. Do not apply if rainfall is expected within 6 hours after application.

Transient leaf yellowing and/or growth retardation (stunt) of soybeans may occur following Broadstrike application. These effects will be evident for 5 to 7 days after application to soybeans under stress. Under favorable growing conditions the crop will quickly recover.

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**Factors Affecting Weed Control:** Apply to actively growing weeds. Extreme growing conditions such as drought, or near freezing temperatures before, at, or following application may result in reduced weed control. Degree of control will depend on application rate used, weed susceptibility, and spray adjuvant as well as growing conditions at the time of treatment.

**Cultivation:** Cultivation before, during or within 7 days after application is not recommended. Cultivation may put weeds under stress by pruning roots, thereby reducing herbicide uptake and weed control. For best results, delay cultivation for 14 days after application.

**Application Rates and Weeds Controlled by Postemergence Treatments to Soybeans:**

Broadleaf Weeds Controlled	Amount of Broadstrike per Acre		
	Pounds of Product	Grams (Ounces) of product	Pounds ai <sup>1</sup>
Velvetleaf, prickly sida, common sunflower, spurred anoda, and wild mustard	0.01 - 0.02	4.5 - 9.0 (0.16 - 0.32)	0.0075 - 0.015

<sup>1</sup>Note: Do not exceed 0.02 lb/acre of Broadstrike (0.015 lb ai/acre) for postemergence application.

**Tank Mixing:** Broadstrike may be applied alone or in tank mix combination with other herbicides registered for postemergence application in soybeans such as 2,4-DB, Basagran, Blazer, Storm, Galaxy, Cobra, Tackle, and Reflex unless tank mixing is specifically prohibited by the label of the tank mix product. When Broadstrike is tank-mixed with a companion herbicide, follow all relevant use directions, including precautions, restrictions and limitations listed on the manufacturer's label.

Broadstrike tank mixes with products for postemergence grass control such as Assure, Fusilade 2000, or Poast will not affect the performance of Broadstrike, however, the performance of the grass control product may be adversely affected through herbicide antagonism. For best results, application of postemergence grass control products should be delayed for 3 days after applying Broadstrike.

**Warranty Disclaimer**

DowElanco warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. DowElanco makes no other express or implied warranty of merchantability or fitness for a particular purpose or any other express or implied warranty.

**Inherent Risks of Use**

It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to the label instructions (including adverse conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of DowElanco or the seller. All such risks shall be assumed by the buyer.

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**Limitation of Remedies**

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The exclusive remedy for losses or damages resulting from the use of this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at DowElanco's election, one of the following:

- (1) Refund of purchase price paid by buyer or user for product bought, or
- (2) Replacement of amount of product used.

DowElanco shall not be liable for losses or damages resulting from handling or use of this product unless DowElanco is promptly notified of such loss or damage in writing. In no case shall DowElanco be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of DowElanco or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

**Revisions (Beyond approved EUP labeling):**

- 1) Revised rotation crop interval for rapeseed (canola) and sugar beets from 22 to 26 months. Also changed bioassay statement to reflect this change.
- 2) Added label statements required by the Worker Protection Standard.
- 3) Added modifications to wetlands language to comply with PR Notice 93-3
- 4) Modified weed spectrum.
- 5) Minor editing.
- 6) Added Environmental hazard advisory for ground water.
- 7) Combined use directions for corn and soybeans in a single label.
- 8) Added precautions for avoid drift and runoff contact with non target plants.
- 9) Added Safe Pesticide Handling Procedures to General Information Section.

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