



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

May 28, 2021

Edward C. Duncan
Regulatory Analyst
Valent U.S.A. LLC
4600 Norris Canyon Road
San Ramon, CA 94583

Subject: Registration Review Label Mitigation for Sulfosulfuron
Product Name: MAVERICK C/A HERBICIDE
EPA Registration Number: 59639-224
Application Date: 11-SEP- 2018
Decision Number: 576096

Dear Mr. Duncan:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Sulfonylurea (SU) Herbicides Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Page 2 of 2
EPA Reg. No. 59639-224
Decision No. 576096

If you have any questions about this letter, please contact Srijana Shrestha by phone at 703-305-6471, or via email at shrestha.srijana@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Linda Arrington', with a stylized flourish at the end.

Linda Arrington, Branch Chief
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

Enclosure: Stamped Label



SULFOSULFURON GROUP 2 HERBICIDE

[Bracketed text is optional]

MAVERICK™ C/A HERBICIDE

MAVERICK™ C/A HERBICIDE IS A SELECTIVE HERBICIDE FOR THE CONTROL OF LISTED ANNUAL AND PERENNIAL GRASSES AND BROADLEAF WEEDS IN WINTER WHEAT.

Active Ingredient:	By wt.
Sulfosulfuron*	75.0%
Inert Ingredients:	25.0%
Total	100.0%

*N-[(4,6-dimethoxypyrimidin-2-yl)carbamoyl]-2-(ethylsulfonyl)imidazo[1,2-a]pyridine-3-sulfonamide

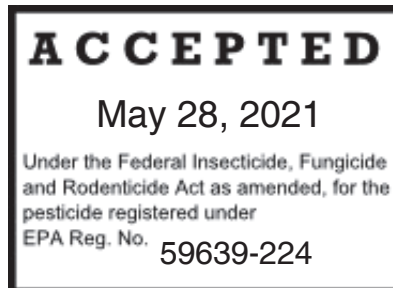
[Product is protected by U.S. Patent Nos. 5,017,212 and 5,534,482.]

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE NEXT [PAGE][PANEL][BOOKLET] FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

EPA Reg. No. 59639-224



FIRST AID	
If in eyes	<ul style="list-style-type: none"> • 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.

PRECAUTIONARY STATEMENTS
Hazard to Humans and Domestic Animals

CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear: long-sleeved shirt and long pants, shoes plus socks, and chemical-resistant gloves made of any waterproof material, for example Barrier Laminate, Butyl Rubber ≥ 14 mils, Nitrile Rubber ≥ 14 mils, Neoprene Rubber ≥ 14 mils, Natural Rubber ≥ 14 mils, Poly-ethylene, Polyvinyl Chloride (PVC) ≥ 14 mils, and Viton ≥ 14 mils.

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

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) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations
<p>Users should:</p> <ul style="list-style-type: none"> • 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

GROUNDWATER LABEL ADVISORY

This chemical has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

SURFACE WATER LABEL ADVISORY

This product may impact surface water quality due to runoff of rainwater. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having high potential for reaching surface water via runoff for months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of sulfosulfuron from runoff water and sediment. Runoff of this product will be greatly reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

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.

NON-TARGET ORGANISM ADVISORY STATEMENT

This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated area. Protect the forage and habitat of non-target organisms by minimizing spray drift. For further guidance and instructions on how to minimize spray drift, refer to the Mandatory Spray Drift Management section of this label.

The use of any pesticide in a manner that may kill or otherwise harm an endangered species or adversely modify their habitat is a violation of laws.

WINDBLOWN SOIL PARTICLES

Maverick[™] C/A Herbicide has the potential to move off-site due to wind erosion. Soils that are subject to wind erosion usually have a high silt and/or fine to very fine sand fractions and low organic matter content. Other factors which can affect the movement of windblown soil include the intensity and directions of prevailing winds, vegetative cover, site slope, rainfall, and drainage patterns. Avoid applying *Maverick*[™] C/A Herbicide if prevailing local conditions may be expected to result in off-site movement.

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.

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
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material, for example Barrier Laminate, Butyl Rubber ≥ 14 mils, Nitrile Rubber ≥ 14 mils, Neoprene Rubber ≥ 14 mils, Natural Rubber ≥ 14 mils, Poly- ethylene, Polyvinyl Chloride (PVC) ≥ 14 mils, and Viton ≥ 14 mils.

STORAGE AND DISPOSAL

Do not contaminate water, foodstuffs, feed or seed by storage and disposal.

STORAGE: Store under cool, dry conditions (below 120°F). Do not store under moist conditions.

DISPOSAL: Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state, or local procedures.

(See individual container label for disposal information.)

Weed Resistance Management

For resistance management, *Maverick*[™] C/A Herbicide is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to *Maverick*[™] C/A Herbicide and other Group 2 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance, take one or more of the following steps:

- Rotate the use of *Maverick*[™] C/A Herbicide or other Group 2 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or certified crop advisor if you are unsure as to which active ingredient is currently less prone to resistance.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and crop rotation, and that considers tillage (or other mechanical control methods), cultural (e.g., higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- Scout before and after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method such as hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local extension specialist or certified crop advisors for additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes or to find out if suspected resistant weeds have been found in their region.
- For further information or to report lack of performance or suspected resistance, contact Valent U.S.A. LLC at 800-898-2536

APPLICATION EQUIPMENT

This product may be applied through either Ground or Aerial (Fixed Wing or Helicopter) equipment. Calibrate spray equipment before use. Thorough coverage is necessary to provide good weed control. Use equipment which is capable of continuous and vigorous tank agitation. When tank is full, use a system capable of creating a rippling or rolling action on the liquid surface.

Apply *Maverick*[™] C/A Herbicide uniformly as a broadcast spray with properly calibrated ground equipment in 5 to 20 gallons of water per acre or 10 to 40 gallons of liquid fertilizer solution per acre. Or apply with aerial equipment in 5 to 15 gallons of water per acre. Select spray volumes that ensure thorough and uniform weed coverage. Choose nozzles which provide optimum spray distribution and coverage at the appropriate spray pressure. Avoid streaking, skips, overlaps, and spray drift during applications.

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

Important-Equipment Cleaning: Thoroughly clean application equipment immediately after *Maverick*[™] C/A Herbicide use. Prepare a tank cleaning solution which consists of a 1 percent solution of ammonia (one quart of ammonia for every 25 gallons of water). Use sufficient cleaning solution to thoroughly rinse all surfaces and to flush all hoses. Repeat the procedure with the ammonia solution. Complete the cleaning process by rinsing with clean water.

MANDATORY SPRAY DRIFT MANAGEMENT

SPRAY DRIFT

Aerial Applications

- Do not release spray at a height greater than 10 feet above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- For applications prior to the emergence of crops and target weeds, applicators are required to use a Coarse or coarser droplet size (ASABE S572.1).
- For all other applications, applicators are required to use a Medium or coarser droplet size (ASABE S572.1).
- The boom length must not exceed 65% of the wingspan for airplanes or 75% of the rotor blade diameter for helicopters.
- Applicators must use ½ swath displacement upwind at the downwind edge of the field.
- Nozzles must be oriented so the spray is directed toward the back of the aircraft.
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions.

Ground Boom Applications

- Apply with the nozzle height recommended by the manufacturer, but no more than 3 feet above the ground or crop canopy.
- For applications prior to the emergence of crops and target weeds, applicators are required to use a Coarse or coarser droplet size (ASABE S572.1).
- For all other applications, applicators are required to use a Medium or coarser droplet size (ASABE S572.1).
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions.

Boom-less Ground Applications

- Applicators are required to use a Medium or coarser droplet size (ASABE S572.1) for all applications.
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions.

SPRAY DRIFT ADVISORIES

Boom-less Ground Applications

Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

Handheld Technology Applications

Take precautions to minimize spray drift.

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.

BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size – Ground Boom

- Volume – Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure – Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle – Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

Controlling Droplet Size – Aircraft

- Adjust Nozzles – Follow nozzle manufacturer's recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

BOOM HEIGHT – Ground Boom

Use the lowest boom height that is compatible with the spray nozzles that will provide uniform coverage.

For ground equipment, the boom should remain level with the crop and have minimal bounce.

RELEASE HEIGHT – Aircraft

Higher release heights increase the potential for spray drift. When applying aurally to crops, do not release spray at a height greater than 10 ft above the crop canopy, unless a greater application height is necessary for pilot safety.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

WIND

Drift potential generally increases with wind speed.

AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

MIXING INSTRUCTIONS

Thoroughly clean equipment prior to mixing spray solution.

Fill the spray tank to about three-fourths of the desired volume. Complete the filling process while maintaining agitation. Remove the hose from the mixing tank immediately after filling to avoid siphoning back into the carrier source. For postemergence applications, add nonionic surfactant as the last ingredient in the tank.

Apply spray solutions within 24 hours after mixing.

Adjuvants: A **nonionic surfactant (NIS)** is the only adjuvant required in the spray solution for postemergence applications. Use only nonionic surfactants which are approved by EPA for use on food crops and which contain at least 80 percent active ingredient. Add nonionic surfactant at 0.5 percent by volume (2 quarts per 100 gallons of spray solution). **DO NOT USE NONIONIC SURFACTANTS OR OTHER ADDITIVES THAT ALTER THE pH OF THE SPRAY SOLUTION BELOW pH 5.** Spray solutions of pH 6.0-8.0 are optimum.

Do not use low rates of liquid fertilizer as a substitute for surfactant.

Fertilizers: This herbicide provides most consistent performance when applied with water as the spray carrier and surfactant is added to the spray solution. However, liquid nitrogen fertilizer solutions (28-0-0 or 32-0-0) may be used as a spray carrier in place of all or part of the water when the label recommendations are followed.

DO NOT USE MAVERICK™ C/A HERBICIDE IN FERTILIZER SOLUTIONS WITH pH 5 OR LESS.

Mixing Instructions for the Addition of Ammonia in Spray Solutions When Applied by Air

When applying *Maverick*[™] C/A Herbicide by air in 5 gallons per acre of spray solution, a spray solution pH of 6.0 to 8.0 is optimum. Addition of 2 to 4 quarts of a 7 percent ammonia solution for every 100 gallons of spray solution will increase the pH of the spray solution to within the optimal range. Failure to adjust the pH of spray solution may result in reduction in weed control.

Fill the spray tank to about three-fourths of the desired volume prior to mixing. With agitation, add *Maverick*[™] C/A Herbicide and nonionic surfactant to the spray solution. Then adjust the spray solution pH with the ammonia solution.

CAUTION: Do not use ammonia with chlorine bleach as dangerous gasses will form.

FALL APPLICATIONS

Fertilizer solution must contain less than 50 percent liquid nitrogen. Do not apply more than 30 pounds of actual nitrogen per acre in the spray solution.

Fall applications of this herbicide in liquid fertilizer solutions may cause rapid leaf burn, resulting in reduced weed control and reduced forage growth.

Add nonionic surfactants at 0.25 percent by volume to spray solutions containing fluid fertilizer.

SPRING APPLICATIONS

Fertilizer solutions containing more than 50 percent liquid nitrogen may result in excessive leaf burn from the fertilizer.

Add nonionic surfactants at 0.25 percent by volume to spray solutions containing fluid fertilizer.

WEEDS CONTROLLED

Biological Information

Maverick[™] C/A Herbicide is a selective herbicide for the control of many grass and broadleaf weed species in winter and spring wheat. Refer to the "WEEDS CONTROLLED" section for a listing of weeds controlled.

The level of weed control following *Maverick*[™] C/A Herbicide application is dependent upon application rate, weed species and size of application time, and growing conditions. For best results, make postemergence applications to actively growing weeds at the growth stages defined in this label. Treat heavy infestations early before the weeds become too competitive with the crop.

Soon after *Maverick*[™] C/A Herbicide is applied, growth of susceptible weeds is inhibited, and susceptible weeds are no longer competitive with the crop. Following growth inhibition, affected plants may appear dark green and stunted, affected leaves will turn yellow and/or red, followed by death of the growing point of the plant. These visible effects of control may not be observed until 1 to 3 weeks after application.

Weeds controlled in winter wheat:

WEED SPECIES	Pre	Fall Post	Spring Post
barley, volunteer <i>Hordeum vulgare</i>	C	C	S
bedstraw, catchweed <i>Galium aparine</i>	S	C	C
bluegrass, bulbous <i>Poa bulbosa</i>	•	•	C
bluegrass, roughstalk <i>Poa trivialis</i>	•	C	•
brome, downy <i>Bromus tectorum</i>	C	C	S
brome, Japanese <i>Bromus japonicus</i>	C	C	S
brome, rippgut <i>Bromus rigidus</i>	•	S	S
chamomile, mayweed <i>Anthemis cotula</i>	•	C	C
cheat <i>Bromus secalinus</i>	C	C	S
chess, hairy <i>Bromus commutatus</i>	C	C	S
chickweed, common <i>Stellaria media</i>	•	S	C
fiddleneck, tarweed <i>Amsinckia lycopsoides</i>	•	S	S
flixweed <i>Descurainia sophia</i>	C	C	C
henbit <i>Lamium amplexicaule</i>	S	S	•
lady's-thumb <i>Polygonum persicaria</i>	•	•	C
mustard, tumble <i>Sisymbrium altissimum</i>	C	C	C
mustard, wild <i>Sinapis arvensis</i>	C	C	C
oat, wild <i>Avena fatua</i> – fall germinating	•	C	S
oat, wild <i>Avena fatua</i> – spring germinating	•	•	C
pennycress, field <i>Thlaspi arvense</i>	C	C	C
quackgrass <i>Elytrigia repens</i>	•	•	C
Rescuegrass <i>Bromus catharticus</i>	•	S	S
ryegrass, Italian <i>Lolium multiflorum</i>	•	C	S
sheperd's-purse <i>Capsella bursa-pastoris</i>	•	•	C
tansymustard, pennate <i>Descurainia pinnata</i>	C	C	C
wallflower, bushy <i>Erysimum repandum</i>	•	C	C

C = Control, S = Suppression

WINTER WHEAT

Applications in Winter Wheat

In winter wheat, *Maverick*[™] C/A Herbicide is to be applied in a single application, only at the maximum rate of 2/3 ounce (0.500 ounce active ingredient) of product per acre per year. Do not make more than 1 application per acre per year. The application can be made either preemergence or postemergence. Best weed control is obtained when soil moisture is adequate to support vigorous wheat and weed growth.

Preemergence in Winter Wheat

Apply *Maverick*[™] C/A Herbicide preemergence to winter wheat at 2/3 ounce of product (0.500 ounce active ingredient) per acre in a single application to control the weeds listed in the "WEEDS CONTROLLED" section of this label.

Apply preemergence applications of *Maverick*[™] C/A Herbicide after drilling wheat, but before wheat or weed emergence. Do not apply preemergence if dry soil conditions will cause delayed wheat and/or weed emergence. Preemergence applications under dry conditions make the product vulnerable to wind erosion until fall moisture is received. Under these conditions, wait until crop and weeds have emerged and are showing good vigor before making a postemergence application.

Postemergence in Winter Wheat

Apply *Maverick*[™] C/A Herbicide at 2/3 ounce (0.500 ounce active ingredient) of product per acre in a single application when the target weeds shown in the "WEEDS CONTROLLED" section are actively growing. Use 0.5 percent by volume nonionic surfactant concentration (2 quarts per 100 gallons of spray solution) for postemergence applications.

In the states of KS, OK, and TX, make postemergence applications after the wheat is in the 2-leaf stage, but prior to the jointing stage (Feekes' Scale 6).

In all other states, make postemergence applications after the wheat emerges, but prior to the jointing stage (Feekes' Scale 6).

Specific Weed Problems

Brome (Cheat, Downy Brome, Japanese Brome)

For best control of brome species, apply 2/3 ounce (0.500 ounce active ingredient) of this product per acre fall postemergence in a single application when brome is in the 2- to 3-leaf stage of growth. Best performance with fall applications of *Maverick*[™] C/A Herbicide will occur with good soil moisture and/or rainfall after application.

For spring postemergence suppression of brome species apply 2/3 ounce (0.500 ounce active ingredient) of this product per acre in a single application. For best control, make applications when brome is less than the 5 tiller stage of growth. Apply *Maverick*[™] C/A Herbicide in early spring when the brome is actively growing and has recovered from cold weather, i.e., majority of foliage is green and not red or purple.

Mustards and other winter annual broadleaf weeds

For fall postemergence control of mustards and other winter annual broadleaf weeds apply 2/3 ounce (0.500 ounce active ingredient) of product per acre in a single application. For best control, make applications when weeds are less than 2 inches in diameter. Best performance with fall applications of *Maverick*[™] C/A Herbicide will occur with good soil moisture and/or rainfall after application.

For spring postemergence control of winter annual broadleaf weeds apply 2/3 ounce (0.500 ounce active ingredient) of this product per acre. For best control, make applications when weeds are less than 6 inches in diameter.

Tank Mixtures for Winter Wheat

Before mixing in the spray tank, it is recommended that compatibility be tested by mixing all components in a small container in proportionate quantities. For tank mixtures, add individual formulations to the spray tank in the following sequence: water soluble bags, dry flowables, emulsifiable concentrates, drift control additive, water soluble liquids followed by nonionic surfactant.

Refer to the specific product labels and observe all precautions, mixing and application instructions for all products used in tank mixtures.

Insecticides: *Maverick*[™] C/A Herbicide may be tank mixed or used sequentially with labeled uses of insecticides, except Malathion.

Do not use *Maverick*[™] C/A Herbicide plus Malathion, as crop injury may result.

Do not apply *Maverick*[™] C/A Herbicide within 60 days of crop emergence where an organophosphate insecticide has been applied as an in-furrow treatment, as crop injury may result.

Herbicides: For control of additional broadleaf weeds, *Maverick*[™] C/A Herbicide may be applied as a spring postemergence application in tank mixture with the following herbicides. Refer to tank mix herbicide label for application rate and restrictions related to soil texture, soil organic matter, and wheat growth stage. Always add nonionic surfactant at 0.5 percent by volume. Tank mixtures with metribuzin may be applied only in the spring.

Apply 2/3 ounce (0.500 ounce active ingredient) of *Maverick*[™] C/A Herbicide with:

PRODUCT

2,4-D amine¹

2,4-D LV ester

Bronate[™] (bromoxynil + MCPA)

Buctril[™] (bromoxynil)

Buctril 4 EC

MCPA amine¹

MCPA LV ester

¹Tank mixtures with this herbicide may result in reduced control of brome species.

ROTAIONAL CROP INFORMATION

CROP ROTATION RESTRICTIONS

DO NOT PLANT TO ANY CROPS OTHER THAN WINTER OR SPRING WHEAT for a period of one year following *Maverick*[™] C/A Herbicide application.

CROP ROTATION ADVISORY

One year after the application of *Maverick*[™] C/A Herbicide, it is recommended that before rotating to crops, other than winter or spring wheat, a field bioassay be completed to determine whether injury to the intended rotational crop(s) will occur.

Wheat

No restrictions

Table 1 – OK, KS, NE, TX

Crop	Soil pH	Cumulative Precipitation (inches)	Rotation Interval (Months)
Millet	<7.5	18	3
Corn – IR	<7.5	18	3
Soybean – STS™	<7.5	18	3
Corn – Normal	<7.5	30	12
Cotton	<7.5	30	12
Soybean	<7.5	30	12
Sorghum (grain)	6.0 – 7.5	30	22
Sunflower	<6.0	30	17

Areas with pH higher than those listed above or with accumulated precipitation less than above must conduct field bioassay as indicated in the **Field Bioassay** section.

Table 2 – CO, WY

Crop	Soil pH	Cumulative Precipitation (inches)	Rotation Interval (Months)
Millet	<7.5	18	3
Corn – IR	<7.5	18	3
Soybean – STS™	<7.5	18	3
Corn – Normal	<7.5	24	22
Soybean	<7.5	24	22
Sorghum (grain)	6.5 – 7.5	45	34
Sunflower	<6.5	35	22

Areas with pH higher than those listed above or with accumulated precipitation less than above must conduct field bioassay as indicated in the **Field Bioassay** section

Other Crops

All crops other than those listed above may be seeded only after the completion of a successful field bioassay and no sooner than 3 months after *Maverick*™ C/A Herbicide application. Refer to the **Field Bioassay** section.

FIELD BIOASSAY

A field bioassay must be completed before rotating to crops other than those specified in this label or when rotating to shorter intervals than those listed in the **Crop Rotation Restrictions** section. NO CROP except wheat may be planted sooner than 3 months after application.

To conduct an effective field bioassay, grow strips of the crop you intend to grow the following season in fields previously treated with *Maverick*™ C/A Herbicide. Crop response to the bioassay will determine if the crop(s) grown in the test strips can be grown safely in areas previously treated with *Maverick*™ C/A Herbicide.

PREHARVEST INTERVAL (PHI) INFORMATION

Wheat forage may be grazed immediately after application of *Maverick*™ C/A Herbicide. Do not harvest wheat for hay within 30 days of *Maverick*™ C/A Herbicide application and do not harvest wheat for grain or straw within 55 days of *Maverick*™ C/A Herbicide application.

**DISCLAIMER, RISKS OF USING THIS PRODUCT,
LIMITED WARRANTY
AND LIMITATION OF LIABILITY**

IMPORTANT: Read the entire Label including this Disclaimer, Risks of Using this Product, Limited Warranty, and Limitation of Liability before using this product. If the terms are not acceptable THEN DO NOT USE THE PRODUCT; rather, return the unopened product within 15 days of purchase for a refund of the purchase price.

RISKS OF USING THIS PRODUCT

The Buyer and User (referred to collectively herein as "Buyer") of this product should be aware that there are inherent unintended risks associated with the use of this product which are impossible to eliminate. These risks include, but are not limited to, injury to plants and crops to which this product is applied, lack of control of the target pests or weeds, resistance of the target pest or weeds to this product, injury caused by drift, and injury to rotational crops caused by carryover in the soil. Such risks of crop injury, non-performance, resistance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, condition of the crop at the time of application, presence of other materials either applied in the tank mix with this product or prior to application of this product, cultural practices or the manner of use or application, (or a combination of such factors) all of which are factors beyond the control of Valent. The Buyer should be aware that these inherent unintended risks may reduce the harvested yield of the crop in all or a portion of the treated acreage, or otherwise affect the crop such that additional care, treatment and expense are required to take the crop to harvest. If the Buyer chooses not to accept these risks, THEN THIS PRODUCT SHOULD NOT BE APPLIED. By applying this product Buyer acknowledges and accepts these inherent unintended risks AND TO THE FULLEST EXTENT ALLOWED BY LAW, AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.

Valent shall not be responsible for losses or damages (including, but not limited to, loss of yield, increased expenses of farming the crop or such incidental, consequential or special damages that may be claimed) resulting from use of this product in any manner not set forth on the label. Buyer assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or approved on the label.

LIMITED WARRANTY

Valent warrants only that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used strictly in accordance with the label **and subject to the Risks of Using This Product as described above. To the extent consistent with applicable law AND AS SET FORTH ABOVE, VALENT MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED.** No agent or representative of Valent or Seller is authorized to make or create any other express or implied warranty.

LIMITATION OF LIABILITY

To the fullest extent allowed by law, Valent or Seller is not liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. The limitation includes, but is not limited to, loss of yield on all or any portion of the treated acreage, increased care, treatment or other expenses required to take the crop to harvest, increased finance charges or altered finance ratings, emotional or mental distress and/or exemplary damages. TO THE FULLEST EXTENT ALLOWED BY LAW, THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT OR, AT THE ELECTION OF VALENT OR SELLER, THE REPLACEMENT OF THE PRODUCT.

PROMPT NOTICE OF CLAIM

To the extent consistent with applicable law allowing such requirements Valent must be provided notice as soon as Buyer has reason to believe it may have a claim, but in no event later than twenty-one days from date of planting, or twenty-one days from the date of application, whichever is latter, so that an immediate inspection of the affected property and growing crops can be made.

To the extent consistent with applicable law if Buyer does not notify Valent of any claims, in such period, it shall be barred from obtaining any remedy.

NO AMENDMENTS

Valent and Seller offer this product, and Buyer accepts it, subject to the foregoing Disclaimer, Risks of Using This Product, Limited Warranty and Limitation of Liability, which may not be modified by any oral or written agreement.

TANK MIXES

NOTICE: Tank mixing or use of this product with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of user, applicator and/or application advisor, to the extent allowed by applicable law.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

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Manufactured for:
Valent U.S.A. LLC
P.O. Box 5075
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Made in U.S.A.

EPA Reg. No. 59639-224
EPA Est.

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