



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 6, 2019

Anna Armstrong
Agent for Sharda USA LLC
Wagner Regulatory Associates, Inc.
P.O. Box 640
Hockessin, DE 19707

Subject: Registration Review Label Mitigation for Flufenacet
Product Name: Flufenacet 500 SC Herbicide
EPA Registration Number: 83529-39
Application Date: Sept 21, 2017
Decision Number: 554877

Dear Anna Armstrong:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the Registration Review of the above referenced product in connection with the Flufenacet 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 copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

Page 2 of 2
EPA Reg. No. 83529-39
Decision No. 554877

If you have any questions about this letter, please contact Miguel Zavala by phone at 703-347-0504, or via email at zavala.miguel@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to be "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

FLUFENACET	GROUP	15	HERBICIDE
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Flufenacet 500 SC Herbicide

FOR CONTROL OF CERTAIN GRASS AND BROADLEAF WEEDS IN CORN AND SOYBEANS.

ACTIVE INGREDIENT:	% By Weight
Flufenacet:	
N-(4-Fluorophenyl)-N-(1-methylethyl)-2-[[5--(trifluoromethyl)-1,3,4-thiadiazol-2-yl]-oxy]acetamide	42.09%
OTHER INGREDIENTS:	57.91%
TOTAL:	100.00%
Contains 4.1 lbs./gal. (500 g/L) of Flufenacet	

STOP
READ THE LABEL BEFORE USE

KEEP OUT OF REACH OF CHILDREN
WARNING/AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> • 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 an unconscious person.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • 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.
HOTLINE NUMBERS	
Have the product container or label with you when calling a poison control center, doctor, or going for treatment. For 24-hour medical emergency assistance (human or animal) call 1-800-222-1222 . For chemical emergency assistance (spill, leak, fire, or accident) call: CHEMTREC 1-800-424-9300 .	
NOTE TO PHYSICIAN: No specific antidote is available. Treat the patient symptomatically.	

[Optional referral statements when booklets and container labels are used:

See Panel for First Aid Instructions and booklet for complete Precautionary Statements and Directions For Use.

See label booklet for complete Precautionary Statements, Directions For Use, and Storage and Disposal.

See label booklet for additional Precautionary Statements, Directions For Use, and Storage and Disposal.

See label booklet for complete Directions For Use.]

EPA Reg. No.: 83529-39

EPA Est. No.:

Net Contents:

Manufactured for:

Sharda USA LLC 

7217 Lancaster Pike, Suite A
Hockessin, Delaware 19707

ACCEPTED

Sep 6, 2019

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 83529-39

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. May be fatal if swallowed. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT

All handlers must wear a minimum of:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride

Additional required PPE for specific activities/crops are included in the application instructions for each crop.

Corn
In addition to the PPE for all handlers, mixers and loaders must use Engineering Controls that meet the requirements listed in the WPS for agricultural pesticides [40 CFR 170. 607(d)(2)(i) & (ii)] for dermal and inhalation protection.

Except when using an enclosed cab that meet the requirements listed in the WPS for agricultural pesticides [40 CFR 170. 305] for dermal and inhalation protection, applicators must wear the following PPE in addition the PPE required for all handlers:

- A NIOSH approved particulate respirator with any N, R, or P filter with NIOSH approval number prefix TC-84A. Higher-level respirators that are NIOSH approved for particulates can also be used.

Soybeans

Mixers and loaders must wear:

- Coveralls over long-sleeved shirt and long pants

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

USER SAFETY RECOMMENDATIONS

User 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.

DIRECTIONS FOR USE

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

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.

Corn Post-Emergence Application: The REI is 23 days. Exception: In addition to the early entry exceptions allowed by Worker Protection Standard, you may enter or allow workers to enter treated areas to scout 3 days following application as long as the worker wears long pants, long sleeved shirt and shoes plus socks.

Soybeans Post-Emergence Application: The REI is 13 days.

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

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water when disposing of equipment wash waters or rinsate. Do not allow sprays to drift onto adjacent desirable plants.

Groundwater: Flufenacet is known to leach through soil into groundwater under certain conditions as a result of use directions. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Surface Water: Flufenacet residues can contaminate surface water through spray drift. This product may impact surface water quality due to runoff of rain water. 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 several 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 flufenacet and its degradates from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

POLLINATOR ADVISORY STATEMENT:

This product contains an herbicide, therefore follow all label directions and precautions to minimize potential off-target exposure in order to prevent effects to non-target plants adjacent to the treated site which may serve as habitat or forage for pollinators, including monarch butterflies (and larvae), birds, and bats.

WEED RESISTANCE MANAGEMENT

Flufenacet 500 SC Herbicide contains flufenacet and is classified in the oxyacetamide chemical class as a Group 15 herbicide, mitosis inhibitor.

Herbicide resistance is defined as the inherited ability of a plant to survive and reproduce following exposure to a dose of herbicide normally lethal to the wild type. In a plant, resistance may be naturally occurring or induced by such techniques as genetic engineering or selection of variants produced by tissue culture or mutagenesis. Any weed population may contain or develop plants that are naturally resistant to **Flufenacet 500 SC Herbicide** and other Group 15 herbicides. Weed species with acquired resistance to Group 15 herbicides may eventually dominate the weed population if Group 15 herbicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by **Flufenacet 500 SC Herbicide** or other Group 15 herbicides.

To delay herbicide resistance, consider the below best practices for resistance management:

- Plant into weed-free fields and keep fields as weed-free as possible.
- To the extent possible, use a diversified approach toward weed management. Whenever possible incorporate multiple weed-control practices such as mechanical cultivation, biological management practices, and crop rotation.
- Fields with difficult to control weeds should be rotated to crops that allow the use of herbicides with alternative mechanisms of action or different management practices.
- To the extent possible do not allow weed escapes to produce seeds, roots or tubers. Manage weed seeds at harvest and post-harvest to prevent a buildup of the weed seed-bank.
- Prevent field-to-field and within-field movement of weed seed or vegetative propagules. Thoroughly clean plant residues from equipment before leaving fields.
- Prevent an influx of weeds into the field by managing field borders.
- Identify weeds present in the field through scouting and field history and understand their biology. The weed-control program should consider all of the weeds present.
- Difficult to control weeds may require sequential applications of herbicides with differing mechanisms of action.
- Apply this herbicide at the correct timing and rate needed to control the most difficult weed in the field.
- Use a broad-spectrum soil-applied herbicide with a mechanism of action that differs from this product as a foundation in a weed-control program. Do not use more than two applications of this or any other herbicide with

the same mechanism of action within a single growing season unless mixed with an herbicide with another mechanism of action with an overlapping spectrum for the difficult-to-control weeds.

- If resistance is suspected, treat weed escapes with an herbicide with a different MOA or use non-chemical methods to remove escapes.
- Monitor treated weed populations for loss of field efficacy.

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.

Users should scout before and after application. Users should report lack of performance to registrant or their representative.

Contact your local sales representative, extension agent, or certified crop advisors to find out if suspected resistant weeds to this MOA have been found in your region. If resistant biotypes of target weeds have been reported, use the application rates of this product specified for your local conditions. Tank mix products so that there are multiple effective mechanisms of action for each target weed.

INTEGRATED PEST MANAGEMENT

Flufenacet 500 SC Herbicide may be used as part of an Integrated Pest Management (IPM) program that can include biological, cultural, and genetic practices aimed at preventing economic pest damage. IPM principles and practices include field scouting or other detection methods, correct target pest identification, population monitoring, and treating when target pest populations reach locally determined action thresholds. Consult your state cooperative extension service, professional consultants or other qualified authorities to determine appropriate action treatment threshold levels for treating specific pest/crop systems in your area.

PRODUCT INFORMATION

Flufenacet 500 SC Herbicide is a selective herbicide for control of many annual grasses and certain broadleaf weeds in field corn, white corn, corn grown for silage, field corn grown for seed, sweet corn, and soybeans. **Flufenacet 500 SC Herbicide** can be applied pre-plant surface, pre-plant incorporated (mix into the top 1 to 2 inch layer of soil) and pre-emergence and/or early post-emergence. **Flufenacet 500 SC Herbicide** will provide its most effective weed control when applied and subsequently moved into the soil by rainfall, sprinkler irrigation or mechanical tillage prior to weed emergence. **Flufenacet 500 SC Herbicide** controls weeds by interfering with seedling emergence and early development.

Apply **Flufenacet 500 SC Herbicide** using either water or sprayable fluid fertilizer as a liquid carrier or be impregnated and applied on dry bulk fertilizer.

Apply **Flufenacet 500 SC Herbicide** alone or in tank mix combination with additional herbicides. When tank mixing, always observe all precautionary statements and limitations on labeling of all products.

Dry weather following pre-emergence application of **Flufenacet 500 SC Herbicide** or specified tank mixtures can reduce effectiveness. Cultivate if weeds develop.

If any crop treated with **Flufenacet 500 SC Herbicide** is lost, corn or soybeans may be replanted immediately.

RESTRICTIONS

Do not use on popcorn.

Do not apply this product through any type of irrigation system. Do not apply aerially. Do not use flood irrigation to apply, activate or incorporate **Flufenacet 500 SC Herbicide**.

Do not apply more than 25 fluid ounces **Flufenacet 500 SC Herbicide** (0.80 lbs. a.i.) per acre per use season in corn and 14 ounces (0.45 lbs. a.i.) per acre per use season in soybeans.

Do not make a second application of **Flufenacet 500 SC Herbicide**.

Do not make a post-emergence application of **Flufenacet 500 SC Herbicide** to corn beyond the 5th leaf collar growth stage (begin count with the 1st leaf-rounded tip).

Do not harvest corn forage (silage) within 75 days after a post-emergence application.

Do not apply **Flufenacet 500 SC Herbicide** or **Flufenacet 500 SC Herbicide** tank mixtures when environmental conditions may favor drift to non-target sites. Corn seed must be planted a minimum of 1½ inches deep. Soybean seed must be planted a minimum of 1-inch deep.

Do not mix or load this product within 50 feet of any wells (including abandoned wells and drainage wells), sink holes, perennial or intermittent streams and rivers, and natural or impounded lakes and reservoirs. This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or properly diked mixing / loading areas.

Operations that involve mixing, loading, rinsing, or washing of this product into or from pesticide handling or application equipment or containers within 50 feet of any well are prohibited unless conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be positioned on or moved across the pad. Such a pad shall be designed and maintained to contain any product spills or equipment leaks, container or equipment rinse or wash water, and rainwater that may fall on the pad. Surface water shall not be allowed to either flow over or from the pad, which means the pad must be self-contained. The pad shall be sloped to facilitate material removal. An unroofed pad shall be of sufficient capacity to contain at a minimum 110% of the capacity of the largest pesticide container or application equipment on the pad. A pad that is covered by a roof of sufficient size to completely exclude precipitation from contact with the pad shall have a minimum containment capacity of 100% of the capacity of the largest pesticide container or application equipment on the pad. Containment capacities as described above shall be maintained at all times. The above specific minimum containment capacities do not apply to vehicles when delivering pesticide shipments to the mixing/loading site. States may have in effect additional requirements regarding wellhead setbacks and operational containment.

This product must be used in a manner which will prevent back siphoning in wells, spills or improper disposal of excess pesticide, spray mixtures, or rinsates.

RATE SELECTION/SOIL TEXTURE

The application rates of **Flufenacet 500 SC Herbicide** are determined by texture and organic matter content of the soil being treated. Unless a specific soil texture is mentioned, rate tables throughout this label refer to the following three soil texture groups: coarse, medium, and fine. If you are not sure how to classify your soil, contact the Cooperative Extension Service or other knowledgeable person. The following chart includes a complete listing of soil textures included in each of the soil textures groupings:

COARSE	MEDIUM	FINE
Sand Loamy sand Sandy loam	Loam Silt loam Silt Sandy clay loam Sandy clay	Silty clay loam Silty clay Clay loam Clay

MIXING INSTRUCTIONS

LIQUID CARRIERS

Flufenacet 500 SC Herbicide is a flowable herbicide that must be mixed in water or sprayable fluid fertilizer. Compatibility of **Flufenacet 500 SC Herbicide** or its labeled tank mix products with these liquid carriers should always be determined prior to spraying. Refer to the **SPRAYABLE FLUID FERTILIZER COMPATIBILITY TEST** section of this label to determine product compatibility in fluid fertilizer carriers.

Before mixing **Flufenacet 500 SC Herbicide** and its labeled tank mixtures, examine the spray equipment making sure it is completely clean and free of rust or corrosion. Be sure the equipment is free of any residues from previously used pesticides. Flush lines with clean water or recommended detergents after the last application. Use an approved method for disposing of rinsate.

For optimum spray tank mixing and efficacy, add **Flufenacet 500 SC Herbicide** to the spray tank via an eductor system. The proper mixing sequence for **Flufenacet 500 SC Herbicide** and specified tank mixtures with the appropriate liquid carrier is as follows:

1. Fill the spray tank or nurse tank ¼ full with the appropriate liquid carrier.
2. Start recirculation and agitation system and continue throughout mixing and application.
3. If the compatibility test indicates the need of a compatibility agent, add the recommended amount of compatibility agent to the spray tank.
4. If ammonium sulfate is to be used, add it now.
5. Next add the specified quantity of **Flufenacet 500 SC Herbicide** through the eductor or to the spray tank [slowly add **Flufenacet 500 SC Herbicide** if water or sprayable grade nitrogen fertilizers (28-0-0, 32-0-0) are the carriers; for other

sprayable grade fertilizers first check compatibility and then either mix directly or pre-slurry in water depending in the results of the compatibility test].

6. If tank mixing with wettable powders or dry flowable products in water, they may be added now.
7. If tank mixing these products in a sprayable fertilizer carrier, first make a slurry of the products with water and then add the slurry slowly to the spray tank.
8. If tank mixing with emulsifiable concentrates or soluble products, add the products to the spray tank.
9. If tank mixing with a glyphosate-containing product or Touchdown®, add the products to the spray tank.
10. If mixing spray adjuvants in the mixture, add them after all other products have been mixed.
11. Fill the spray tank to the desired level with the appropriate liquid carrier.
12. Continue agitation during transport and application until the spray tank is empty.

Keep **Flufenacet 500 SC Herbicide** and all registered mixtures agitated once mixed, and then spray immediately. Do not allow mixtures to stand for prolonged periods of time. Water quality, pH, temperature and/or other components of the mixture affect how long the mixture may stand before application.

DRY FERTILIZER CARRIERS

Flufenacet 500 SC Herbicide can be impregnated or coated on dry bulk fertilizers for application. Refer to the **IMPREGNATION AND APPLICATION ON DRY FERTILIZER** section of this label for details.

SPRAYABLE FLUID FERTILIZER COMPATIBILITY TEST

Perform a compatibility test for all applications with liquid fertilizers. Prior to mixing products in the spray tank, mix small quantities of each product in proportionate quantities to evaluate compatibilities. The following test assumes a spray volume of 25 gallons per acre. If other spray volumes are to be used, adjust the appropriate amounts of ingredients. To check for compatibility, use the following procedure:

1. Add two inches of the liquid carrier (water or liquid fertilizer) to a one-quart jar fitted with a tight lid.
2. Add the appropriate amount of herbicide. If more than one product is used, the mix sequence is the dry herbicide first, flowables next and emulsified concentrates last. For dry herbicides, add 1½ level teaspoons/pound/acre use rate and for liquids add ½ teaspoon/pint/acre use rate.
3. Add one pint of the liquid carrier (water or liquid fertilizer) to the jar. Place the lid on the jar and gently shake the jar for one minute. Place the jar on a level surface and let it stand for 30 minutes.
4. Reagitate the mixture and observe the mixture for signs of phase separation, flakes, particles, gels, precipitates, etc. If none of these conditions occur, the mix is compatible.
5. If incompatible, use of a compatibility agent. Rerun the above test but first add a compatibility agent (¼ teaspoon is equal to a use rate of 2 pints/100 gallons spray mix) and gently shake the jar prior to adding herbicides.
6. If the mixture is now compatible, use a compatibility agent in the spray mixture at its specified rate.
7. If the components of the solution are still incompatible, do not use the mixture in the spray tank.

Contact your Sharda USA LLC representative for further recommendations on testing spray solution compatibilities.

IMPREGNATION AND APPLICATION ON DRY FERTILIZER

Dry bulk fertilizer can be impregnated or coated with **Flufenacet 500 SC Herbicide** for applications to corn and soybeans. Follow all **Flufenacet 500 SC Herbicide** label restrictions, special instructions and precautions. All state regulations relating to dry bulk fertilizer blending, impregnating and labeling must also be followed.

Rates: Select the specified **Flufenacet 500 SC Herbicide** use rate per acre from the crop section of this label and determine the quantity of dry bulk fertilizer to be applied per acre (use a minimum of 200 pounds and a maximum of 450 pounds per acre). Use the equation below to determine the amount of **Flufenacet 500 SC Herbicide** needed per ton of fertilizer applied:

$$\frac{\text{Fluid Oz. Flufenacet 500 SC Herbicide per acre} \times 2,000}{\text{Pounds fertilizer per acre}} = \frac{\text{Fluid Oz. Flufenacet 500 SC Herbicide}}{\text{per ton fertilizer}}$$

Impregnation: **Flufenacet 500 SC Herbicide** can be impregnated on many commonly used dry fertilizers but should not be impregnated on ammonium nitrate, fertilizers containing ammonium nitrate, potassium nitrate, sodium nitrate or powder limestone.

To impregnate **Flufenacet 500 SC Herbicide** on bulk fertilizer, use a closed rotary-drum mixer or other commonly used dry bulk fertilizer blender equipped with suitable spray equipment. Mix **Flufenacet 500 SC Herbicide** with sufficient water to form a sprayable slurry mixture. Direct spray nozzles to provide uniform fertilizer coverage while avoiding spray contact with mixing equipment. Non-uniform impregnation can cause crop injury or unsatisfactory performance.

Spray the herbicide mixture onto the fertilizer after blending has started. If necessary, include a suitable drying agent to ensure a spreadable herbicide impregnated fertilizer. If the fertilizer materials are excessively dusty, use diesel fuel or other suitable additive to reduce dust prior to impregnation. Apply the treated fertilizer immediately after impregnation to avoid lump formation and spreading difficulties.

Application: Accurate calibration of fertilizer application equipment and uniform fertilizer distribution is essential for satisfactory weed control. Air flow or auger metered application equipment is preferred (one pass application). If other equipment is used, apply one-half the specified rate and overlap 50 percent or to double apply by splitting the middles to obtain the best distribution pattern.

SPRAY DRIFT

1. When using ground equipment, apply with nozzle height no more than 4 feet above the ground or crop canopy.
2. Applicators are required to use Medium droplet size (ASABE S572.1).
3. Do not apply when wind speeds exceed 10 miles per hour at the application site.
4. Do not apply during temperature inversions.

SPRAY DRIFT ADVISORIES

The interaction of many equipment- and weather-related factors determines the potential for spray drift. The applicator is responsible for considering all these factors when making application decisions.

Importance Of Droplet Size

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. The presence of sensitive species nearby, the environmental conditions, and pest pressure may affect how an applicator balances drift control and coverage. APPLYING LARGER DROPLETS REDUCES DRIFT POTENTIAL, BUT WILL NOT PREVENT DRIFT IF APPLICATIONS ARE MADE IMPROPERLY OR UNDER UNFAVORABLE ENVIRONMENTAL CONDITIONS! See **Wind, Temperature and Humidity**, and **Temperature Inversions** sections of this label.

Controlling Droplet Size

- **Volume** - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- **Pressure** - Use the lower spray pressures recommended for the nozzle. Higher pressure reduces droplet size and does not improve canopy penetration. WHEN HIGHER FLOW RATES ARE NEEDED, USE A HIGHER-CAPACITY NOZZLE INSTEAD OF INCREASING PRESSURE.
- **Nozzle Type** - Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles.

Boom Height

Setting the boom at the lowest referenced height (if specified) which provides uniform coverage reduces the exposure of droplets to evaporation and wind. For ground equipment, the boom should remain level with the crop and have minimal bounce.

Drift Reduction Technology (DRT)

The EPA Drift Reduction Technology (DRT) Program was developed to encourage the manufacture, marketing, and use of spray technologies scientifically verified to significantly reduce pesticide drift. The use of DRTs should result in significantly less pesticide from spray applications drifting and being deposited in areas not targeted by those applications, compared to spray technologies that do not meet the minimum DRT standard. EPA-verified drift reduction technologies (DRTs) and their ratings will be added to the following webpage as they become available: <https://www.epa.gov/reducing-pesticide-drift/epaverified-and-rated-drift-reduction-technologies>

Wind

Drift potential increases at wind speeds of less than 3 mph (due to inversion potential) or more than 10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given wind speed. AVOID APPLICATIONS DURING GUSTY OR WINDLESS CONDITIONS. **Note:** Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

Temperature and Humidity

When making applications in hot and dry conditions, set up equipment to produce larger droplets to reduce effects of evaporation.

Temperature Inversions

Drift potential is high during a temperature inversion. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain close to the ground and move laterally in a concentrated cloud. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

Shielded Sprayers

Shielding the boom or individual nozzles can reduce the effects of wind. However, it is the responsibility of the applicator to verify that the shields are preventing drift and not interfering with uniform deposition of the product.

POLLINATOR ADVISORY STATEMENT: This product contains an herbicide, therefore follow all label directions and precautions to minimize potential off-target exposure in order to prevent effects to non-target plants adjacent to the treated site which may serve as habitat or forage for pollinators, including monarch butterflies (and larvae), birds, and bats.

APPLICATION INFORMATION

SPRAYER APPLICATION

Ground Broadcast Treatment: Accurately calibrate the sprayer prior to mixing the herbicide treatments. Apply **Flufenacet 500 SC Herbicide** and the labeled tank mixtures in a minimum of 10 gallons of total spray volume per acre using broadcast boom equipment. Use a pump with capacity to maintain 30 to 40 psi at the nozzles, maintain adequate in-tank agitation to keep the spray mixture in suspension and provide a minimum of 20% bypass at all times. Apply with sufficient spray pressure and volume to provide accurate and uniform application of spray particles to a given area without causing spray drift to non-target areas. If mixed with other labeled herbicides, the spray volume must not be less than the minimum volume specified by the tank mix product or 10 gallons, whichever is greater. Use screens to protect the pump and nozzles. Screens placed on the suction side of the pump must be 16-mesh or coarser. Do not place a screen in the recirculation line. Use 50-mesh or coarser screens between the pump and boom, and where required, at the nozzles. Refer to the nozzle manufacturer for additional instructions. Agitate thoroughly before and during application with either bypass or mechanical agitation. Rinse the sprayer thoroughly with clean water immediately after each use.

Band Treatment: **Flufenacet 500 SC Herbicide** and the labeled tank mixtures can be applied as a band treatment. Use the following formula to calculate the amount of herbicide needed for band treatments:

$$\frac{\text{Band Width in Inches}}{\text{Width in Inches}} \times \frac{\text{Broadcast Rate}}{\text{per Acre}} = \frac{\text{Band Rate Row}}{\text{per Acre}}$$

DRY FERTILIZER APPLICATION

Apply using a minimum of 200 lbs. of dry fertilizer per acre. See **IMPREGNATION AND APPLICATION ON DRY FERTILIZER** Section for additional details.

APPLICATION METHODS AND TIMING

Apply **Flufenacet 500 SC Herbicide** alone or in tank mixtures with or sequentially with certain other registered herbicides. Apply pre-plant surface, pre-plant incorporated or pre-emergence. Use **Flufenacet 500 SC Herbicide** in either a single or split application program. Do not apply when environmental conditions favor drift.

Pre-Plant Surface: For use in conservation, minimum or no-tillage crop production systems, apply **Flufenacet 500 SC Herbicide** alone or as a specified tank mixture as a broadcast spray up to 45 days before planting in corn and 14 days before planting in soybeans. Make a split application if application is made 30 to 45 days prior to planting, where $\frac{2}{3}$ of the highest specified broadcast rate for the crop and soil texture is applied initially and the remaining $\frac{1}{3}$ is applied at planting. Treatments made less than 30 days before planting can use either a single or split application. If weeds are present at the time of application, apply the **Flufenacet 500 SC Herbicide** treatment in tank mixture with a nonselective herbicide such as a glyphosate-containing product or Touchdown. If possible, do not move treated soil out of the row or move untreated soil to the soil surface prior to or during planting, as weed control can be reduced.

Pre-Plant Incorporation: Apply **Flufenacet 500 SC Herbicide** alone or in combination with specified tank-mixes as a broadcast spray and incorporate into the upper 1 to 2 inches of the soil surface up to 14 days before planting. Avoid deep incorporation since reduced weed control and/or crop injury can result. Incorporate with implements which provide uniform, shallow incorporation (example - finishing disk, harrow, rolling cultivator, etc.)

Pre-Emergence: Apply **Flufenacet 500 SC Herbicide** alone or in specified tank mixes to the soil surface as a broadcast spray or band application after planting of the crop but prior to weed or crop emergence. If weeds are present at the time of application, apply **Flufenacet 500 SC Herbicide** with a nonselective herbicide such as a glyphosate-containing product or Touchdown. Rainfall and/or overhead sprinkler irrigation is necessary to move **Flufenacet 500 SC Herbicide** into the upper soil surface where weed seeds germinate. Dry weather conditions following application can reduce weed control. If adequate moisture is not received within 7 to 10 days after applications and weeds begin to emerge from the soil, a light rotary hoeing or shallow incorporation (no deeper than ½ inch deep) will improve performance and minimize crop damage. Excessive rainfall or irrigation after application can reduce weed control.

Early Post-Emergence: When used as an early post-emergence treatment, apply **Flufenacet 500 SC Herbicide** once per use season alone or in combination with or sequentially with certain herbicides. Use of an adjuvant may be necessary in some applications. Refer to crop sections of the label for specific information.

Special Applications: Fall Application (for use only in IA, MN, ND, SD, WI, north of Route 20 in NE, north of Route 136 in IL, and north of Interstate 70 in OH):

Following harvest of crops in the fall, apply **Flufenacet 500 SC Herbicide** to crop stubble after October 15th, when the sustained soil temperature at the four-inch soil depth is less than 50°F, but before the ground is frozen. This application is limited to only medium- and fine-textured soils with an organic matter of 2.5% or greater and which will be planted to corn the following spring. The soil may be tilled before or after application with incorporation depth no more than two to three inches following herbicide application. If a spring application of **Flufenacet 500 SC Herbicide** follows the fall application, the total **Flufenacet 500 SC Herbicide** rate for both applications must not exceed 25 fluid ounces.

CORN (Field, Seed, and Sweet)

Flufenacet 500 SC Herbicide is a selective herbicide for control of most annual grasses and selected annual broadleaf weeds in corn. A single or split application program can be used and the product can be applied alone or in tank-mix combination with certain registered herbicides. The following types of applications are allowed: pre-plant surface, pre-plant incorporated and pre-emergence and early post-emergence. Most effective weed control will occur when the applied product is moved into the soil by rainfall, sprinkler irrigation or mechanical tillage prior to weed emergence from the soil.

Special Precautions: Field seed corn inbred lines and sweet corn varieties vary in their response to **Flufenacet 500 SC Herbicide**. Do not apply **Flufenacet 500 SC Herbicide** to inbreds without first verifying with your local seed corn company (supplier) the **Flufenacet 500 SC Herbicide** selectivity on your inbred line.

WEED SPECIES CONTROLLED BY FLUFENACET 500 SC HERBICIDE

Flufenacet 500 SC Herbicide applied at specified dosages and application timings will control many important annual grasses and broadleaf weeds.

WEEDS CONTROLLED	
ANNUAL GRASS WEEDS	
Barnyardgrass Crabgrass, large Crabgrass, smooth Foxtail, giant Foxtail, green Foxtail, yellow Goosegrass	Johnsongrass (seedling) Lovegrass, India Panicum, browntop Panicum, fall Signalgrass, broadleaf Witchgrass
ANNUAL BROADLEAF WEEDS	
Carpetweed Purslane, common	Pusley, Florida Spurge, spotted

WEED SPECIES PARTIALLY CONTROLLED BY FLUFENACET 500 SC HERBICIDE

Flufenacet 500 SC Herbicide will provide partial control or reduced competition for many additional grass and broadleaf weeds. Reduced competition weeds will be stunted in growth and/or be of reduced populations as compared to non-treated areas but control will generally not be commercially acceptable.

WEED SPECIES PARTIALLY CONTROLLED	
ANNUAL GRASS/SEDGE WEEDS	
Cupgrass, woolly Millet, wild-proso Nutsedge, yellow	Panicum, Texas Sandbur, field Shattercane
ANNUAL BROADLEAF WEEDS	
Beggarweed, Florida Lambsquarters spp. Mustard spp. Nightshade, eastern black Pigweed spp.	Ragweed, common Sida, prickly Waterhemp, common Waterhemp, tall

FLUFENACET 500 SC HERBICIDE USE RATES IN FALL, PRE-PLANT SURFACE, PRE-PLANT INCORPORATED AND PRE-EMERGENCE APPLICATIONS AND EARLY POST-EMERGENCE

For FALL Application (For use only in IA, MN, ND, SD, WI, north of Route 20 in NE, north of Route 136 in IL, and north of Interstate 70 in OH):

After October 15th, when the sustained soil temperature at the four inch soil depth is less than 50°F, apply **Flufenacet 500 SC Herbicide** to remaining crop stubble following harvest. In conservation, minimum and no-tillage systems on soils having 2.5% organic matter or greater, apply **Flufenacet 500 SC Herbicide** at 23 to 25 fluid oz./A on medium textured soils and 25 fluid oz./A on fine textured soils. Apply before the ground is frozen. The soil may be tilled before or after application with an incorporation depth no more than two to three inches following the fall application. Minimize furrow and ridge formation in the tillage operations after application of **Flufenacet 500 SC Herbicide**. If a spring application is made, the total rate of both fall and spring must not exceed the maximum total rate for corn, or illegal residues may occur.

For CONVENTIONAL Tillage Systems With Applications Made TWO WEEKS OR LESS Pre-Plant Surface, Pre-Plant Incorporated, or Pre-Emergence:

Flufenacet 500 SC Herbicide use rates are located in Table 1.

Rates are based on soil texture and organic matter and are for applications made within two weeks of planting and until corn emergence. Do not use on peat or muck soils (soils with 20% or more organic matter).

TABLE 1

FLUFENACET 500 SC HERBICIDE USE RATES IN CONVENTIONAL TILLAGE APPLICATIONS MADE TWO WEEKS OR LESS PRE-PLANT SURFACE, PRE-PLANT INCORPORATED OR PRE-EMERGENCE		
FLUFENACET 500 SC HERBICIDE RATE (FL. OZ. PER ACRE) ¹		
SOIL TEXTURAL GROUP ²	SOIL ORGANIC MATTER CONTENT	
	Less than 3%	3% or More
COARSE	15 fl. oz.	17 fl. oz.
MEDIUM	17 to 19 fl. oz.	19 to 22 fl. oz.
FINE	22 to 24 fl. oz.	22 to 25 fl. oz.

¹Use the higher rate of **Flufenacet 500 SC Herbicide** within the applicable rate range under any of the following conditions: heavy surface plant residues, heavy weed pressure and/or when soil organic matter is at the upper end of the range.
²For more information, refer to the "RATE SELECTION/SOIL TEXTURE" section of this label.

For CONSERVATION, MINIMUM, and NO-TILLAGE Systems; or CONVENTIONAL Tillage Systems With Applications GREATER THAN TWO WEEKS Pre-Plant:

Flufenacet 500 SC Herbicide use rates are located in Table 2. Rates are higher for these types of tillage systems and application timings than in Table 1 due to the extended period of weed control needed and the increased crop residue present. Refer to the "APPLICATION METHODS AND TIMING" section of the label for details. Weed control will generally be greater the closer the applications are made to planting but prior to weed emergence. If weeds are present at application, a non-selective herbicide such as a glyphosate-containing product or Touchdown used at specified rates may be mixed with **Flufenacet 500 SC Herbicide** treatments. Do not use on peat or muck soils (soils with 20% or more organic matter).

TABLE 2

Flufenacet 500 SC Herbicide USE RATES IN CONSERVATION, MINIMUM, AND NO-TILLAGE SYSTEMS; OR CONVENTIONAL TILLAGE SYSTEMS WITH APPLICATIONS GREATER THAN TWO WEEKS PRE-PLANT SURFACE
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FLUFENACET 500 SC HERBICIDE RATE (FL. OZ. PER ACRE) ¹		
SOIL TEXTURAL GROUP ²	SOIL ORGANIC MATTER CONTENT	
	Less than 3%	3% or More
COARSE	16 fl. oz.	18 fl. oz.
MEDIUM	19 to 22 fl. oz.	22 to 24 fl. oz.
FINE	24 to 25 fl. oz.	24 to 25 fl. oz.

¹Use the higher rate of **Flufenacet 500 SC Herbicide** within the applicable rate range under any of the following conditions: heavy surface plant residues, heavy weed pressure and/or when soil organic matter is at the upper end of the range.
²For more information, refer to the "RATE SELECTION/SOIL TEXTURE" section of this label.

FOR EARLY POST-EMERGENCE APPLICATIONS:

Flufenacet 500 SC Herbicide use rates are located in Table 1.

Apply **Flufenacet 500 SC Herbicide** alone and/or certain **Flufenacet 500 SC Herbicide** tank mixtures to corn from emergence through the 5th leaf collar growth stage. Begin leaf count with the first leaf (rounded tip). **Flufenacet 500 SC Herbicide** alone will not provide control of emerged weeds. For control of emerged weeds, tank mix **Flufenacet 500 SC Herbicide** with approved post-emergence herbicides. Read and follow all precautions/restrictions and directions on tank mix partner labels.

Corn treated with **Flufenacet 500 SC Herbicide** early post-emergence can be harvested for forage (silage) 75 days or more after treatment.

Adjuvants For Early Post-Emergence:

The adjuvant types listed below may be utilized with **Flufenacet 500 SC Herbicide**.

UAN (urea ammonium nitrate) is commonly referred to as 28, 30, or 32%N. UAN can be used as an adjuvant in certain herbicide tank mixtures with **Flufenacet 500 SC Herbicide**, or as a spray carrier for **Flufenacet 500 SC Herbicide**. Fluid fertilizers applied after crop emergence can result in crop tissue "burn" symptoms. Do not use fluid fertilizer as a post-emergence spray carrier to apply **Flufenacet 500 SC Herbicide** if fluid fertilizer burn is not considered acceptable.

Ammonium sulfate (spray grade) is an alternative to UAN as a spray solution adjuvant with certain tank mixture partners.

When tank mixing **Flufenacet 500 SC Herbicide** with other herbicides be certain to select adjuvants specified and compatible for use with all herbicides included in the tank mixture.

FLUFENACET 500 SC HERBICIDE TANK MIXTURES

Apply **Flufenacet 500 SC Herbicide** in tank mixture with certain herbicides to improve control of broadleaf weeds such as velvetleaf, common cocklebur and morning glory species provided that the other herbicide is registered on soybeans and that the tank mix product does not prohibit such mixing. Use mixtures in either conventional, conservation, minimum and no-tillage systems. They may be applied with similar timings and methods as **Flufenacet 500 SC Herbicide** alone unless specifically prohibited in the mix partner's product label. Three-way or multiple tank mixtures are permitted unless restricted by the product label. **Refer to the individual product labels for specified use rates, precautions and/or restrictions.**

The following herbicides may be tank-mixed with **Flufenacet 500 SC Herbicide** provided the product to be tank-mixed is registered for use on this site. Herbicides recommended for tank mixtures with **Flufenacet 500 SC Herbicide** include:

Atrazine	Clarity [®]	Python [®]	2,4-D
Axiom	Epic	Marksman [®]	Sencor [®]
Balance [®]	Glyphosate	Eradicane [®]	Touchdown [®]
Balance Pro [®]	Hornet [®]	Roundup [®]	
Banvel [®]	Prowl [®]	Roundup Ultra [®]	

Flufenacet 500 SC Herbicide SEQUENTIAL APPLICATIONS

Sequential herbicide applications either before or following **Flufenacet 500 SC Herbicide** treatments may be used to control additional weeds. Herbicides recommended for sequential applications include:

Atrazine	Beacon®	Hornet®	Resource®
Accent®	Bromoxynil	Liberty®	Roundup®
Accent®	Bromoxynil +Atrazine	Lightning®	Roundup Ultra®
Gold Aim®	Buctril®	Marksman®	Scorpion III®
Balance®	Buctril® + Atrazine Buctril®	Northstar®	Sencor®
Balance Pro®	Gel Callisto®	Permit®	Spirit®
Banvel®	Clarity®	Poast®	Touchdown®
Basagran®	Distinct®	Prowl®	2,4-D
Basis®	Exceed®	Pursuit®	
Basis Gold®	Glyphosate	Python®	
Battalion®		Resolve®	

Refer to the above tank mixture and sequential application information and the individual product labels for use directions, use rates and special precautions/restrictions.

SOYBEAN

Flufenacet 500 SC Herbicide is a selective herbicide for control/suppression of most annual grasses in soybeans. Apply **Flufenacet 500 SC Herbicide** once per use season either alone, in tank mix combination with or sequentially with certain registered herbicides. The following types of application are allowed: pre-plant surface, pre-plant incorporated and pre-emergence. Apply the pre-plant surface and pre-plant incorporated treatments up to 14 days before planting. The most effective weed control will occur when the applied product is moved into the soil by rainfall, sprinkler irrigation or mechanical tillage prior to weed emergence from the soil.

Do not graze or feed forage, hay or straw to livestock.

WEED SPECIES CONTROLLED BY FLUFENACET 500 SC HERBICIDE

Flufenacet 500 SC Herbicide applied alone at the specified dosages and application timings will provide control of certain annual grasses.

WEEDS CONTROLLED ¹ ANNUAL GRASS WEEDS	
Barnyardgrass Crabgrass, large Crabgrass, smooth Foxtail, giant Foxtail, green	Foxtail, yellow Goosegrass Lovegrass, India Panicum, fall
¹ Full season weed control will be achieved only on coarse textured soils using the maximum 14 ounce use rate. Use rates of 8 to 14 ounces will provide only early season weed control on all other soil textures. To complement early season weed control, Flufenacet 500 SC Herbicide is recommended for use in tank-mixture with or sequentially with other herbicides that provide additional control of these weed species.	

WEED SPECIES PARTIALLY CONTROLLED BY FLUFENACET 500 SC HERBICIDE

Flufenacet 500 SC Herbicide will provide partial control or reduced competition for additional annual grasses. Reduced competition weeds will be stunted in growth and/or be of reduced populations as compared to non-treated areas but control will generally not be commercially acceptable.

WEED SPECIES PARTIALLY CONTROLLED ANNUAL GRASS WEEDS	
Johnsongrass, seedling Panicum, browntop Sandbur, field	Signalgrass, broadleaf Shattercane Witchgrass

FLUFENACET 500 SC HERBICIDE USE RATES

The use rates for **Flufenacet 500 SC Herbicide** applied alone, in tank mix combination with and/or sequentially with other herbicides for all application methods and timings is 8 to 14 fluid ounces per acre. The 14 fluid ounce rate of **Flufenacet 500 SC Herbicide** will provide full season control of annual grasses in coarse textured soils but will provide only early season weed control on medium and fine textured soils. Rates lower than 14 fluid ounces will provide only early season weed control on all soil textures. To complement this early season weed control, use **Flufenacet 500 SC Herbicide** in tank-mixture or sequentially with other herbicides that provide additional control of these weed species.

FLUFENACET 500 SC HERBICIDE TANK MIXTURES

Apply **Flufenacet 500 SC Herbicide** in tank mixture with certain herbicides to improve control of annual grasses and/or broadleaf weeds such as velvetleaf, common cocklebur and morning glory species provided that the other herbicide is registered on soybeans and that the tank mix product does not prohibit such mixing. Mixtures can be used in either conventional, conservation, minimum and no-tillage systems. They can be applied with similar timings and methods as **Flufenacet 500 SC Herbicide** alone unless specifically prohibited in the mix partner product label. Three-way or multiple tank mixtures are permitted unless restricted by the mix partner product labels. Refer to the individual product labels for use rates, precautions and/or restrictions.

The following herbicides can be tank-mixed with **Flufenacet 500 SC Herbicide** provided the product to be tank-mixed is registered for use on this site. Herbicides recommended for tank mixtures with **Flufenacet 500 SC Herbicide** include:

Authority Broadleaf®	FirstRate®	Prowl®	Sencor® (Metribuzin)
Canopy®	Gauntlet®	Pursuit®	Sonalan HFP®
Canopy XL®	Glyphosate	Roundup®	Touchdown®
Classic® DF	Linuron (Lorox® and others)	Roundup Ultra®	Trifluralin
Command®		Scepter®	

FLUFENACET 500 SC HERBICIDE SEQUENTIAL APPLICATIONS

Sequential herbicide applications may be used in a **Flufenacet 500 SC Herbicide** weed control program to control additional weeds. Herbicides recommended for use either before or following **Flufenacet 500 SC Herbicide** treatments include:

Assure II®	Fusion®	Pursuit®	Sonalan HFP®
Basagran®	Galaxy®	Raptor®	Storm® Synchrony STS®
Canopy®	Glyphosate	Reflex®	Tornado® Touchdown®
Classic®	Liberty®	Reliance STS®	Trifluralin
Cobra®	Linuron Option II®	Resource®	2,4-D
Command®	Pinnacle®	Roundup®	
Concert®	Poast®	Roundup Ultra®	
FirstRate®	Poast Plus®	Scepter®	
Flexstar®	Prowl®	Select®	
Fusilade®		Sencor®	

Refer to the above tank mixture and sequential application information and the individual product labels for use directions, use rates and special precautions/restrictions

CORN AND SOYBEAN CROP ROTATION INSTRUCTIONS

In the event of a crop failure any crop on this label can be replanted immediately. Do not make a second application of **Flufenacet 500 SC Herbicide**. Do not graze or feed to livestock the forage or fodder of cotton planted 5 months after a **Flufenacet 500 SC Herbicide** application.

Waiting period after **Flufenacet 500 SC Herbicide** application before the following crops can be planted.

Immediately		
Corn	Soybean	
1 month		
Potato		
4 months		
Cabbage Carrots Cotton	Lettuce Peppers Radish	Sugar beets All other leafy vegetables
12 months		
Alfalfa Barley Bermudagrass Bluegrass Bromegrass Buckwheat Clover Fescue	Millet, pearl Millet, prose Oats Popcorn Rice Rye Sorghum Teosinte	Triticale Wheat Wild Rice All other crops

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking, invert to prevent leakage. If container is leaking or material spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides below. In spill or leak incidents, keep unauthorized people away.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING: [Nonrefillable Containers 5 Gallons or Less] Nonrefillable container. DO NOT reuse or refill this container. Offer for recycling if available. 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 ¼ 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 offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

[Nonrefillable containers larger than 5 gallons] Nonrefillable container. DO NOT reuse or refill this container. Offer for recycling if available. Triple rinse or pressure 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 ¼ 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. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

LIMIT OF WARRANTY AND LIABILITY

Sharda USA LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use label booklet ("Directions") when used in accordance with those Directions under the conditions described therein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

Buyer and all users shall promptly notify this Company of any claims whether based in contract, negligence, strict liability, other tort or otherwise. Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this Company, including, but not limited to, incompatibility with products other than those set forth in the Directions, application to or contact with desirable vegetation, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied, as well as weather conditions which are outside the application ranges set forth in the Directions, application in any manner not explicitly set forth in the Directions, moisture conditions outside the moisture range specified in the Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop or treated vegetation.

This Company does not warrant any product reformulated or repackaged from this product except in accordance with this Company's stewardship requirements and with express written permission from this Company. For over the-top uses on Roundup Ready® crop varieties crop safety and weed control performance are not warranted by Sharda USA LLC when this product is used in conjunction with "brown bag" or "bin run" seed saved from previous year's production and replanted.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE LIMIT OF THE LIABILITY OF THIS COMPANY OR ANY OTHER SELLER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF THIS COMPANY OR ANY OTHER SELLER, THE REPLACEMENT OF SUCH QUANTITY, OR, IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES.

Upon opening and using this product, buyer and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY, which may not be varied by any verbal or written agreement. If terms are not acceptable, return at once unopened.

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