

#### U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs Registration Division (7505T) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460

62719-767

Date of Issuance:

EPA Reg. Number:

3/8/23

NOTICE OF PESTICIDE:	T. C.
X Registration	Term of Issuance:
Reregistration	Conditional

Reregistration (under FIFRA, as amended)

Name of Pesticide Product:

GF-4698

Name and Address of Registrant (include ZIP Code):

Corteva Agriscience LLC 9330 Zionsville Road Indianapolis, IN 46268

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

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/registration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Continues page 2

Signature of Approving Official:	Date:
Mindy Ondish	3/8/23
Mindy Ondish, Product Manager 23	
Herbicide Branch, Registration Division (7505T)	

- 2. You are required to comply with the data requirements described in the generic data call-in (GDCI) order identified below:
  - a. Aminopyralid GDCI-005100-1456

You must comply with all of the data requirements within the established deadlines. If you have questions about the GDCI order listed above, you may contact the Chemical Review Manager in the Pesticide Re-Evaluation Division:

http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1

- 3. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. You have 18 months from the date of registration to provide these data.
- 4. Submit one copy of the final printed label for the record before you release the product for shipment.

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 FIFRA 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) lists 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.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

Please note that the brand name "UltiGraz DC" has been added to the product record.

Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 11/5/2021
- Alternate CSF 1 dated 1/26/2022
- Alternate CSF 2 dated 11/5/2021

If you have any questions, please contact Endia Blunt at 202-566-2505 or at blunt.endia@epa.gov.

Enclosure

(Base label):

AMINOPYRALID	GROUP	4	HERBICIDE
FLORPYRAUXIFEN-BENZYL	GROUP	4	HERBICIDE

# **GF-4698**

#### **HERBICIDE**

with Rinskor™ active

[Alternate Brand Name: UltiGraz DC]

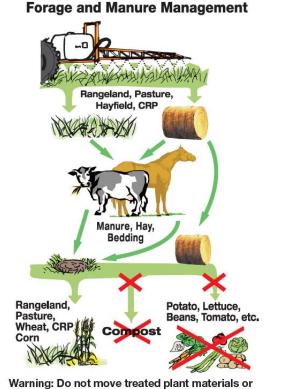
# ACCEPTED 03/08/2023

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 62719-767

For control of broadleaf weeds, including invasive and noxious weeds, on rangeland and permanent grass pastures (including annual and perennial grasses grown for hay) and Conservation Reserve Program (CRP) acres

# IMPORTANT USE PRECAUTIONS AND RESTRICTIONS TO PREVENT INJURY TO DESIRABLE PLANTS

- Carefully read the Restrictions for Hay or Manure Use.
- It is mandatory to follow the Use Precautions and Use Restrictions on this label.
- Manure and urine from animals consuming grass or hay treated with this product may contain enough aminopyralid and florpyrauxifen-benzyl to cause injury to sensitive broadleaf plants.
- Hay can only be used on the farm or ranch where product is applied.
- Consult with a company representative of this product if you do not understand the Use Precautions and Use Restrictions. Call 1-800-258-3033.
- For more information on how to manage materials treated with aminopyralid and to prevent this product from contaminating compost visit <a href="https://www.epa.gov/ingredients-used-pesticide-products/registration-review-pyridine-and-pyrimidine-herbicides">https://www.epa.gov/ingredients-used-pesticide-products/registration-review-pyridine-and-pyrimidine-herbicides</a>



Warning: Do not move treated plant materials or manure from animals who have grazed on treated plant materials to sites where manure may be collected or sensitive crops are grown.

#### Not For Sale, Distribution, or Use in New York State.

#### Active Ingredients:

florpyrauxifen-benzyl: 2-pyridinecarboxylic acid,

4-amino-3-chloro-6-(4-chloro-2-fluoro-3-

methoxy-phenyl)-

#### Acid Equivalents:

Contains 0.00042 lb aminopyralid equivalent (0.041%) and 0.000033 lb florpyrauxifen-benzyl equivalent (0.0033%) per pound of product.

# Keep Out of Reach of Children

# CAUTION

# **Precautionary Statements**

# **Personal Protective Equipment (PPE)**

# Applicators and other handlers must wear:

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

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.

**Engineering Controls:** When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.607(d-e)], the handler PPE requirements may be reduced or modified as specified in the WPS.

# **User Safety Recommendations**

Users should:

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

#### **Environmental Hazards**

For terrestrial uses: 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 contaminate water when disposing of equipment washwater or rinsate.

**NON-TARGET ORGANISM ADVISORY:** 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 site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize drift.

**GROUNDWATER ADVISORY:** Aminopyralid is known to leach through soil into groundwater under certain conditions as a result of label use. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow. Users are advised not to apply aminopyralid where soils have a rapid to very rapid permeability (such as loamy sand to sand) and the water table of an underlying aquifer is shallow or to soils containing sinkholes over limestone bedrock, severely fractured surfaces, and substrates which would allow direct introduction into an aquifer. Your local agricultural agencies can provide further information on the type of soil in your area and the location of groundwater.

**SURFACE WATER 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 groundwater. This product is classified as having high potential for reaching both surface water and aquatic sediment via runoff for several months 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 aminopyralid 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.

**IRRIGATION WATER STATEMENT:** Do not contaminate water intended for irrigation or domestic purposes. To avoid injury to crops or other desirable plants, do not treat or allow spray drift or run-off to fall onto banks or bottoms of irrigation ditches, either dry or containing water, or other channels that carry water that may be used for irrigation or domestic purposes. Do not apply to snow or frozen ground.

# **Agricultural Use Requirements**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to label booklet under "Agricultural Use Requirements" in the "Directions for Use" section for information about this standard.

#### (Nonrefillable flexible containers larger than 50 pounds):

# Storage and Disposal

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

**Pesticide Storage:** Always store pesticides in the original container.

**Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on-site according to label use directions or at an approved waste disposal facility.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.

#### (Nonrefillable rigid containers larger than 50 pounds):

# **Storage and Disposal**

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

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**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities

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 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tan 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. 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.

#### (Refillable containers of any size):

# **Storage and Disposal**

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

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**Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on-site according to label use directions or at an approved waste disposal facility.

**Container Handling:** Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10 percent full with water and, if possible, spray all sides while adding water. If practical, agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Offer for recycling if available, or dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

Refer to the inside of label booklet for additional precautionary information including First Aid and Directions for Use.

Notice: Read the entire label. Use only according to label directions. Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies at end of label booklet. If terms are unacceptable, return at once unopened.

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994.

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

EPA Reg. No. 62719-767

EPA Est. \_\_\_\_\_[CD02-xxx-xxx]

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[Produced for] [Produced by] [Manufactured for] [Distributed by] Corteva Agriscience LLC 9330 Zionsville Road Indianapolis, IN 46268

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(Booklet cover):

AMINOPYRALID	GROUP	4	HERBICIDE
FLORPYRAUXIFEN-BENZYL	GROUP	4	HERBICIDE

# **GF-4698**

#### **HERBICIDE**

with Rinskor™ active

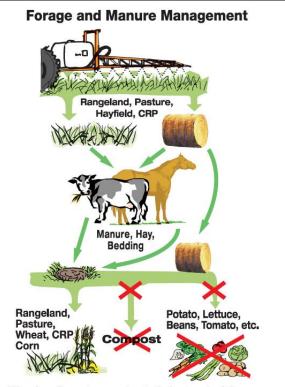
[Alternate Brand Name: UltiGraz DC]

For control of broadleaf weeds, including invasive and noxious weeds, on rangeland and permanent grass pastures (including annual and perennial grasses grown for hay) and Conservation Reserve Program (CRP) acres

Not For Sale, Distribution, or Use in New York State.

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Warning: Do not move treated plant materials or manure from animals who have grazed on treated plant materials to sites where manure may be collected or sensitive crops are grown.

#### Active Ingredients:

florpyrauxifen-benzyl: 2-pyridinecarboxylic acid,

4-amino-3-chloro-6-(4-chloro-2-fluoro-3-

methoxy-phenyl)-

Other Ingredients 99.95%
Total 100.00%

#### Acid Equivalents:

Contains 0.00042 lb aminopyralid equivalent (0.041%) and 0.000033 lb florpyrauxifen-benzyl equivalent (0.0033%) per pound of product.

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EPA Reg. No. 62719-767

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EPA Est. \_\_\_\_\_[CD02-xxx-xxx]

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[Produced for] [Produced by] [Manufactured for] [Distributed by] Corteva Agriscience LLC 9330 Zionsville Road Indianapolis, IN 46268

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(Booklet page 1 through end):

# **Precautionary Statements**

# **Personal Protective Equipment (PPE)**

#### Applicators and other handlers must wear:

- · Long-sleeved shirt and long pants
- Shoes plus socks

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**Engineering Controls:** When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.607(d-e)], the handler PPE requirements may be reduced or modified as specified in the WPS.

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**IRRIGATION WATER STATEMENT:** Do not contaminate water intended for irrigation or domestic purposes. To avoid injury to crops or other desirable plants, do not treat or allow spray drift or run-off to fall onto banks or bottoms of irrigation ditches, either dry or containing water, or other channels that carry water that may be used for irrigation or domestic purposes. Do not apply to snow or frozen ground.

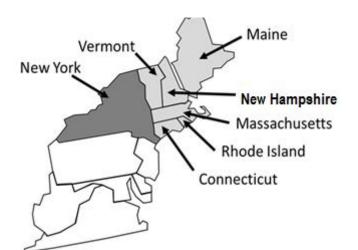
# **Directions for Use**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

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.

Not For Sale, Distribution, or Use in New York State.

Not for use on pastures in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont. All other labeled uses are permitted in these states including grazed areas in and around these sites.



Light gray = states where use in pastures is not permitted
Dark gray = NY where the product is not registered

# **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 48 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
- · Waterproof gloves
- Shoes plus socks

# **Non-Agricultural Use Requirements**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for Agricultural Pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

**Entry Restrictions for Non-WPS Uses:** Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

#### (Nonrefillable flexible containers larger than 50 pounds):

# Storage and Disposal

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

**Pesticide Storage:** Always store pesticides in the original container.

**Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on-site according to label use directions or at an approved waste disposal facility.

Container Handling: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if

available.

#### (Nonrefillable rigid containers larger than 50 pounds):

# **Storage and Disposal**

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

Pesticide Storage: Always store pesticides in the original container.

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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 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tan 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. 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.

#### (Refillable containers of any size):

# **Storage and Disposal**

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

Pesticide Storage: Always store pesticides in the original container.

**Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on-site according to label use directions or at an approved waste disposal facility.

**Container Handling:** Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10 percent full with water and, if possible, spray all sides while adding water. If practical, agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Offer for recycling if available, or dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

#### **Product Information**

This product controls broadleaf weeds, including invasive and noxious weeds, on rangeland and permanent grass pastures (including annual and perennial grasses grown for hay) and Conservation Reserve Program (CRP) acres.

#### **Use Precautions**

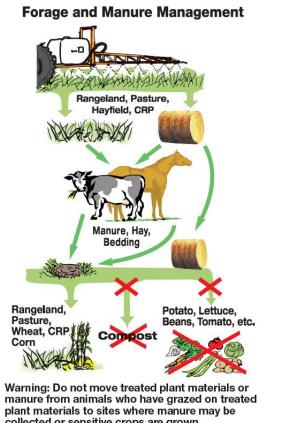
Applications made during periods of intense rainfall, to soils saturated with water, surfaces paved with
materials such as asphalt or concrete, or soils through which rainfall will not readily penetrate may result in
runoff and movement of this product. Injury to crops may result if treated soil and/or runoff water
containing this product is washed or moved onto land used to produce crops. Exposure to this product
may injure or kill susceptible crops and other plants, such as grapes, soybeans, tobacco, sensitive
ornamentals.

#### • Seeding grasses:

- Preemergence: Bermudagrass, bahiagrass, tall fescue, orchardgrass, timothy, and annual ryegrass can be reseeded or sprigged after a minimum of 45 days following an application of 250 pounds per acre of this product. Sorghum-sudangrass, teff, crabgrass, and pearl millet can be seeded a minimum of 45 days following an application of 250 pounds per acre of this product.
- Postemergence: During the season of establishment, this product should be applied only after perennial grasses are well established (have developed a good secondary root system and show good vigor). Most perennial grasses are tolerant to this product at this stage of development. This product may suppress certain established grasses, such as smooth bromegrass (*Bromus inermis*), especially when plants are stressed by adverse environmental conditions. Plants should recover from this transient suppression with the onset of environmental conditions favorable to grass growth and upon release from weed competition. Tall fescue, orchardgrass, timothy, and annual ryegrass are tolerant of 250 pounds per acre of this product once plants have developed 3 collared leaves.
- Field Bioassay Instructions: In fields previously treated with this product, plant short test rows of the intended rotational crop across the original direction of application in a manner to sample variability in field conditions such as soil texture, soil organic matter, soil pH, rainfall pattern or drainage. The field bioassay can be initiated starting a minimum of one year after herbicide application and following harvest of the treated crop. Observe the test crop for symptoms of herbicidal activity, such as poor stand (effect on seed germination), chlorosis (yellowing), and necrosis (dead leaves or shoots), or stunting (reduced growth). If herbicidal symptoms do not occur, the test crop can be grown. If there is apparent herbicidal activity, do not plant the field to the intended rotational crop; plant only to wheat, forage grasses, native grasses or grasses grown for hay.

#### **IMPORTANT USE PRECAUTIONS AND RESTRICTIONS TO PREVENT INJURY TO DESIRABLE PLANTS**

- Carefully read the Restrictions for Hay or Manure
- · It is mandatory to follow the Use Precautions and Use Restrictions on this label.
- Manure and urine from animals consuming grass or hay treated with this product may contain enough aminopyralid and florpyrauxifen-benzyl to cause injury to sensitive broadleaf plants.
- Hay can only be used on the farm or ranch where product is applied.
- Consult with a company representative of this product if you do not understand the Use Precautions and Use Restrictions. Call 1-800-258-3033.
- For more information on how to manage materials treated with aminopyralid and to prevent this product from contaminating compost visit https://www.epa.gov/ingredients-used-pesticideproducts/registration-review-pyridine-and-pyrimidineherbicides



collected or sensitive crops are grown.

# Restrictions for Pasture and Rangeland

- Hay from areas treated with this product in the preceding 18 months cannot be used for silage, haylage, baleage, or green chop.
- Hay from areas treated with this product in the preceding 18 months cannot be distributed or made available for sale off the farm or ranch where harvested.
- Do not move hay and silage made from grass treated with this product within the preceding 18 months off the farm or ranch.
- Do not use grasses treated with this product in the preceding 18 months for hay intended for export outside the United States.
- Do not use hav, silage, and manure from areas treated with this product within the preceding 18 months or manure from animals feeding on hay treated with this product in compost.
- Do not use grasses treated with this product in the preceding 18 months for seed production.

#### **Restrictions for All Uses**

- Do not reformulate or repackage this product into other end-use products.
- Do not split or use a partial amount of product from this package. All product in packaging must be used in its entirety.
- Do not mix other herbicides or fertilizers with this product.
- Do not treat frozen soil where runoff could damage sensitive plants.
- If grass is to be cut for hay, Agricultural Use Requirements for the Worker Protection Standard are applicable.
- Do not apply this product on lawns, turf, ornamental plantings, urban walkways, driveways, tennis courts, golf courses, athletic fields, commercial sod operations, or other high-maintenance, fine turfgrass areas, or similar areas.
- Do not make more than 1 application per year.
- Maximum Single Application Rate: Do not broadcast-apply more than 250 pounds of this product (0.105 lb aminopyralid ae and 0.00825 lb florpyrauxifen-benzyl ae) per acre in a single application.

- Maximum Application Rate: Do not broadcast-apply more than 250 pounds of this product (0.105 lb aminopyralid ae and 0.00825 lb florpyrauxifen-benzyl ae) per acre per year.
- Grazing and Haying Restrictions: Cutting hay too soon after applying this product can compromise the
  weed control. After application wait 14 days prior to cutting grass hay to allow for maximum herbicide
  activity.

#### Restrictions for Off-site Compost and Animal Feed/ Bedding

This product is persistent and may be present in treated plant materials for months to years after application.

- Do not sell or transport treated plant materials or manure from animals that have grazed on treated plant materials off-site for compost distribution or for use as animal bedding/feed for 18 months after application. Treated plant materials can be recycled onsite or left in the field to decompose.
- Manure from animals that have grazed or eaten forage or hay harvested from treated areas within the previous 3 days may only be applied to the fields where the following crops will be grown: pasture grasses, grass grown for seed, wheat, and corn.
- Animals that have been fed aminopyralid-treated forage must be fed forage free of aminopyralid for at least 3 days before movement to an area where manure may be collected, or sensitive crops are grown.
- **Grazing Poisonous Plants:** Herbicide application may increase palatability of certain poisonous plants. Do not allow livestock to graze treated areas until poisonous plants are dry and no longer palatable to livestock.
- Seeding Legumes: Do not plant forage legumes until a soil bioassay has been conducted to determine if residues of this product remaining in the soil will adversely affect the legume establishment.
- **Crop Rotation:** Cereals and corn can be planted one year after treatment. Most broadleaf crops are more sensitive and can require **at least** 2 years depending on the crop and environmental conditions. Do not plant a broadleaf crop until an adequately sensitive field bioassay shows that the level of this product present in the soil will not adversely affect that broadleaf crop.
- This product is highly active against many broadleaf plant species. Do not use this product on areas where loss of desirable broadleaf forage plants, including legumes, cannot be tolerated.
- Do not plant a broadleaf crop (including soybeans, sunflower, tobacco, vegetables, field beans, peanuts, and potatoes) in fields treated in the previous year with manure from animals that have grazed forage or eaten hay harvested from areas treated with this product until an adequately sensitive field bioassay is conducted to determine that the product residue in the soil is at level that is not injurious to the crop to be planted.
- Susceptible Plants: Do not apply under circumstances where granules or particulates released during application can drift to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use, or consumption. Susceptible crops include, but are not limited to, cotton, okra, flowers, fruit trees, grapes (in growing stage), fruit trees (foliage), soybeans (vegetative stage), ornamentals, sunflowers, tomatoes, beans, and other vegetables, or tobacco. Small amounts of drift that may not be visible may injure susceptible broadleaf plants.
- To promote herbicide decomposition, plant residues must be evenly incorporated in the surface soil or burned. Breakdown of this product in plant residues or manure is more rapid under warm, moist soil conditions and may be accelerated by supplemental irrigation.
- Trees adjacent to or in a treated area can occasionally be affected by root uptake of this product through
  movement into the soil. Do not apply this product within the root zone of desirable trees unless such
  injury can be tolerated. Use special caution near roses, hackberry, and leguminous trees such as locusts,
  redbud, mimosa, and caragana.
- Chemigation: Do not apply this product through any type of irrigation system.
- **Do not contaminate water intended for irrigation or domestic purposes.** Do not treat inside banks or bottoms of irrigation ditches, either dry or containing water, or other channels that carry water that may be used for irrigation or domestic purposes.

#### **Record Keeping for Applications to Pastures**

The applicator must document that they have notified property owners/operators, or customers, in writing, of the compost and animal feed/ bedding prohibitions within 14 days of the application. Applicators must keep the records of notification for two years. This record must include date of application, the name of the applicator, the EPA registration number of the product applied, the area(s) treated, and a copy of the written notification provided to the property owner/operator. Notification may be made via email, mail, paper handout, or by any other written communication method. Records must be made available to State Pesticide Regulatory Official(s), and to EPA upon request. If this information is already being retained, duplicate records are not needed.

- It is recommended that applicators also transmit at the time of notification relevant educational materials for managing treated plant matter, as available. For more information, visit <a href="https://www.epa.gov/ingredients-used-pesticide-products/registration-review-pyridine-and-pyrimidine-herbicides">https://www.epa.gov/ingredients-used-pesticide-products/registration-review-pyridine-and-pyrimidine-herbicides</a>
- Applications to pasture by property owners/ operators on their own property are exempt from this notification and record keeping requirement.
- Applications to pasture on public land (i.e., lands managed directly by state, tribal, or local authorities) are exempt from this notification requirement.

# **Weed Resistance Management**

This product contains aminopyralid and florpyrauxifen-benzyl, both Group 4 synthetic auxin herbicides according to the mode of action classification system of the Weed Science Society of America. Appropriate resistance-management strategies should be followed.

Development of plant populations resistant to this herbicide mode of action is usually not a problem on rangeland, permanent grass pastures, or CRP since these sites receive infrequent pesticide applications.

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

- Similar looking biotypes of a given weed species occurring in a treated area may vary in their susceptibility to a herbicide. Application of a herbicide below its specified rate may allow more tolerant weeds to survive and a shift to more tolerant biotypes within the treated area.
- Where identified, spreading of resistant weeds to other areas or fields may be prevented by cleaning harvesting and tillage equipment before moving to other areas and by planting weed-free seed.
- 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 mowing.
- 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.
- 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 extension specialist, certified crop consultant, or company representative for the latest resistance management information.

# **Application Methods**

Apply 250 pounds of this product per acre with a rotary spreader, pneumatic spreader, or drop spreader. **Do not apply this product with any other type of application system.** 

# **Use Rates and Timing**

#### Do not use this product if loss of legumes species or other broadleaf species cannot be tolerated.

This product may be applied pre or postemergence as a broadcast application to control weeds listed on this label. Weed establishment following application of this product will depend upon timing of application and growing conditions. For optimum uptake and translocation of the herbicide, avoid mowing, haying, shredding, burning, or soil disturbance in treated areas for at least 14 days following application.

This product can provide long-term control of weeds. The length of control is dependent condition and growth stage of target weeds, environmental conditions at and following application, and the density and vigor of competing desirable vegetation. Long-term broadleaf weed control is most effective where forage grasses are allowed to recover from overgrazing, drought, etc., and compete with weeds.

This product can be an important component of integrated vegetation management programs designed to renovate or restore desired plant communities. To maximize and extend the benefits of weed control provided by this product, it is important that vegetation management practices, including grazing management, biological control agents, replanting, fertilization, prescribed fire, reseeding with desirable plants, etc., be used to increase the competitiveness of desired forages. Used as part of an integrated management program, this product can serve as a catalyst for rapid improvement of rangeland and permanent grass pastures by alleviating the adverse competitive effect of weeds on the yield and quality of forages and other desirable plant species. Agricultural and natural resources specialists with federal and state government agencies can provide guidance on best management practices and development of integrated vegetation management systems.

#### **Broadleaf Weeds Controlled**

**Early to mid-spring applications:** This product can be applied at 250 pounds of product per acre in early to mid spring when suceptible weeds are small yet actively growing or emergence is expected in 2 to 3 weeks after application.

The following weeds will be controlled at 250 pounds of product per acre. For best results, apply when weeds are actively growing and conditions are favorable for plant growth.

**Table 1: Weeds Controlled** 

<b>Common Name</b>	Scientific Name	Life Cycle	Plant Family
Rate: 250 lbs of product per acre			
amaranth, spiny a,c	Amaranthus spinosus	annual	Amaranthaceae
bitter sneezeweed <sup>a</sup>	Helenium amarum	annual	Asteraceae
broomweed, annual a,e	Amphiachyris dracunculoides	annual	Asteraceae
buffalobur <sup>c</sup>	Solanum rostratum	annual	Asteraceae
burdock, common a,b	Arctium minus	biennial	Asteraceae
buttercup, hairy a,f	Ranunculus sardous	perennial	Ranunculaceae
buttercup, tall a,b,f	Ranunculus acris	perennial	Ranunculaceae
chicory a,b	Cichorium intybus	perennial	Asteraceae
cinquefoil, hoary	Potentilla argentea	perennial	Rosaceae
cinquefoil, sulfur a,b	Potentilla recta	perennial	Rosaceae
clover, sweet	Melilotus officinalis	biennial	Fabaceae
clover, white	Trifolium repens	perennial	Fabaceae
cocklebur, common <sup>a</sup>	Xanthium strumarium	annual	Asteraceae
sickle pod <sup>a</sup>	Senna obtusifolia	annual	Fabaceae
coneflower, upright prairie f	Ratibida columnifera	perennial	Asteraceae
croton, woolly a,b,c	Croton capitatus	annual	Euphorbiaceae
crownvetch a	Coronilla varia	perennial	Fabaceae
daisy, oxeye a,b	Leucanthemum vulgare	perennial	Asteraceae
dock, curly a,b	Rumex crispus	perennial	Polygonaceae
fleabane, annual a	Erigeron annus	annual	Asteraceae
geranium, Carolina	Geranium carolinianum	annual	Geraniaceae

horsenettle, Carolina a,b	Solanum carolinense	perennial	Solanaceae
horseweed a,c	Conyza canadensis	annual	Asteraceae
lambsquarters, common <sup>a</sup>	Chenopodium album	annual	Chenopodiaceae
lespedeza, annual	Lespedeza striata	annual	Fabaceae
nightshade, silverleaf c	Solanum elaeagnifolium	perennial	Solanaceae
partridgepea <sup>a</sup>	Chamaecrista fasciculata	annual	Fabaceae
pokeweed, common	Phytolacca americana	perennial	Phytolaccaceae
ragweed, common a,b	Ambrosia artemisiifolia	annual	Asteraceae
ragweed, western	Ambrosia psilostachya	annual	Asteraceae
smartweed, Pennsylvania	Polygonum pensylvanicum	annual	Polygonaceae
teasel	Dipsacus spp.	biennial	Dipsacaceae
thistle, bull a,b	Cirsium vulgare	biennial	Asteraceae
thistle, musk <sup>a,b</sup>	Carduus nutans	biennial	Asteraceae
thistle, scotch	Onopordum acanthium	biennial	Asteraceae
vetch, common <sup>a</sup>	Vicia sativa	annual	Fabaceae
yarrow, common a,d	Achillea millefolium	perennial	Asteraceae

- a. Plants indicated to be invasive in the USDA-NRCS, PLANTS Database (http://plants.usda.gov/index.html).
- Plants designated as noxious weeds in at least one state (PLANTS Database, USDA-NRCS, (http://plants.usda.gov/index.html).
- c. Apply at emergence but prior to 4 inches in height
- d. Apply prior to bolting
- e. Apply prior to emergence
- f. Apply when actively growing before flowering.

#### Control of Terrestrial Weeds near and up to the Water's Edge

This product can be used to treat terrestrial weeds that extend up to the water's edge. **Do not apply directly to water.** This product must not be used to treat vegetation standing in the water. Consult local public water control authorities before applying this product near public waters. Permits may be required to treat such areas. It is also permissible to treat target weeds within dry non-irrigation ditches and seasonally dry transitional areas between upland and lowland sites (such as flood plains, deltas, marshes, prairie potholes, or vernal pools), but only at times when those sites are dry and are forecasted or managed by water control systems to remain dry for at least 2 weeks following application.

#### **Terms and Conditions of Use**

If terms of the following Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. To the extent permitted by law, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitation, of Remedies.

# **Warranty Disclaimer**

Corteva Agriscience warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. To the extent permitted by law, Corteva Agriscience MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

#### **Inherent Risks of Use**

It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Corteva Agriscience or the seller. Corteva Agriscience will not be responsible for losses or damages resulting from the use of this product in any manner not specifically directed by Corteva Agriscience. To the extent permitted by law, all such risks associated with non-directed use shall be assumed by buyer and/or user.

# **Limitation of Remedies**

To the extent permitted by law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, tort, strict liability, or other legal theories), shall be limited to, at Corteva Agriscience's election, one of the following:

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

To the extent permitted by law, Corteva Agriscience shall not be liable for losses or damages resulting from handling or use of this product unless Corteva Agriscience is promptly notified of such loss or damage in writing. To the extent permitted by law, in no case shall Corteva Agriscience be liable for consequential, incidental or special damages or losses.

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

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