

62719-640

6/27/2011

1 of 24



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

Reg. Number: 62719-640	Date of Issuance: JUN 27 2011
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NOTICE OF PESTICIDE:
 Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:
 Unconditional

Name of Pesticide Product:
 GF-2727 Herbicide

Name and Address of Registrant (include ZIP Code):
 Dow AgroSciences, LLC
 9330 Zionsville Road
 Indianapolis, IN 46268-1054

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

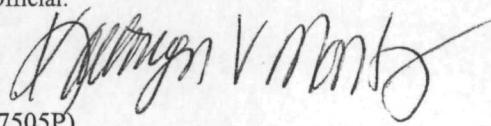
On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on 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 sec. 3(c)(7)(A) provided that you:

- 1) Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data. If required, failure to submit acceptable data to fulfill these requirements may result in registration cancellation in accordance with FIFRA section 6(e).
- 2) NOTE: The Basic Confidential Statement of Formula dated November 19, 2010 is acceptable.
- 3) The text "EPA Reg. No. 62719-640" must be added to the labeling, and you must assure that the EPA Establishment Number and Net Contents are also on the label.
- 4) You must generate one-year storage stability (830.6317) and corrosion characteristics (830.6320) data on the product. The observations should be made at 0, 3, 6, 9, and 12 month intervals. The results must be submitted to the Agency in electronic and hard copy format within 15 months of the date on this notice.

SEE NEXT PAGE FOR ADDITIONAL COMMENTS

Signature of Approving Official:
 Kathryn V. Montague
 Product Manager 23
 Herbicide Branch
 Registration Division (7505P)



Date:
 JUN 27 2011

5) The product description below the product name at the top of page 1 that begins with “For control of annual and perennial weeds.....” must be revised as follows:

- a) The term “certain crops” in the product description must be replaced with a listing of the use sites on the label which include corn (field, seed, sweet, and popcorn), fallow systems (postharvest, chemical fallow, preplant fallow beds), and soybeans.

NOTE: You may revise the product description provided the use sites and application timing are clearly stated.

- b) For the purpose of clarity, separate the sentence “Avoid contact of herbicide with foliage, green stems, exposed non-woody roots or fruit of crops desirable plants and trees, because severe injury or destruction may result.” from the product description.

NOTE: To highlight the importance of the information, it may appear in bold type as a separate statement beneath the product description.

6) Per the Acute Toxicity Review, the phrase “Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.” must be added to the statement appearing under the Hazards to Humans and Domestic Animals header on pages 1 and 6 for it to read “Causes substantial but temporary eye injury. Harmful if swallowed. Do not get in eyes or on clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.”

7) Per the Acute Toxicity Review and/or the 2,4-D Reregistration Eligibility Document (RED), the Personal Protective Equipment (PPE) section on pages 1 and 6 must be changed to read as follows:

“Personal Protective Equipment (PPE)
Some materials that are chemical-resistant to this product are” (*registrant inserts correct chemical-resistant material*). “If you want more options, follow the instructions for category” [*registrant inserts A,B,C,D,E,F,G, or H*] “on an EPA chemical-resistance category selection chart.”

All mixers, loaders, applicators, flaggers, and other handlers must wear:

- Long-sleeved shirt and long pants,
- Shoes and socks, plus
- Chemical resistant gloves when mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.
- Protective eyewear (goggles, face shield, or safety glasses).
- Chemical resistant apron when mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.

8) Per the Acute Toxicity Review, the IF ON SKIN statement in the First Aid box on pages 2 and 6 are not required for this product. This optional text may remain on the label as additional safety information for product users or it may be removed.

9) Per the Acute Toxicity Review and the 2,4-D RED, the contents of the USER SAFETY RECOMMENDATIONS box on pages 2 and 6 must be changes to read as follows:

“User Safety Recommendations

Users should:

- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.”
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water.
- 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.”

10) The early entry PPE requirements in the Agricultural Use Requirements box on page 7 must read as follows:

“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 water-proof material,
- Shoes plus socks,
- Protective eyewear (goggles, face shield, or safety glasses).”

11) Remove the phrase “For terrestrial uses:” from the first line in the Environmental Hazards section on pages 2 and 6 for the statement to read “This pesticide is toxic to fish and aquatic invertebrates. Do not apply to water, to areas where surface water is present, or to intertidal areas below the mean high water mark.....”

NOTE: The absence of directions for aquatic use indicates that the phrase “For terrestrial uses:” appearing in the first line in the Environmental Hazards section on pages 2 and 6 is not necessary.

12) The header appearing as “General Information” at the bottom of page 8 must be changed to read “Product Information”.

13) Per the 2,4-D RED, add the following section under the State and Local Requirements header in the Spray Drift Management section on page 11:

Equipment

“All application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.”

14) The typographical error in the fourth sentence under the header "GF-2727 – Tank Mix" changing "To not tank mix this product..." to "Do not tank mix this product with any product containing a label prohibition against tank mixing with 2,4-D choline of glyphosate."

15) Below the "Uses" header near the middle of page 14, remove the word "General" from the restrictions header for it to read "Precautions and Restrictions".

16) Under the "Uses" header in the precautions and restrictions section near the middle of page 14, remove the first bullet that reads "For any crop not listed in this section, do not apply less than 30 days prior to planting."

NOTE: This statement may give users the false impression that this products may be used on crops other than those listed on the label.

17) Assure the following statement is on the product label: "Use of this product in certain portions of California, Oregon, and Washington is subject to the January 22, 2004 Order for injunctive relief in Washington Toxics Coalition, et.al. v. EP, C01-0132C, (W.D. WA)" For further information, please refer to <http://www.epa.gov/espp/litstatus/wtc/index.htm>".

NOTE: This statement is required for all 2,4-D products bearing agricultural use sites on their label.

18) In the warranty section of the label on page 20, the phrase "To the extent permitted by law" appearing once in the Terms and Conditions, Warranty Disclaimer, Inherent Risks of Use, and twice in the Limitations of Remedies text should be replaced with "To the extent consistent with applicable law".

19) NOTE: While no additional data is being requested at this time, marketing claims made on the pesticide label must be substantiated by data maintained in your files. If data supporting marketing claims made on the product label is not available then those claims must be removed.

20) NOTE: 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.

21) Submit one (1) copy of the revised final printed label before the product is released for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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.

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(Base label):

GF-2727

Herbicide

For control of annual and perennial weeds as a non-selective burndown in certain crops for preplant, preemergence and/or postemergence to weeds in chemical fallow applications. Avoid contact of herbicide with foliage, green stems, exposed non-woody roots or fruit of crops desirable plants and trees, because severe injury or destruction may result.

Group	4	9	HERBICIDE
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Active Ingredient(s):

- glyphosate: N-(phosphonomethyl)glycine, dimethylammonium salt 22.1%
- 2,4-Dichlorophenoxyacetic acid, choline salt 24.4%
- Other Ingredients 53.5%
- Total 100.0%

2,4-dichlorophenoxyacetic acid – 16.62% - 1.6 lb/gal - 2.38 lb 2,4-D choline salt
glyphosate acid – 17.48% - 1.7 lb/gal - 2.16 lb glyphosate DMA salt

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

JUN 27 2011
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

62719-640

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.)

Precautionary Statements

Hazards to Humans and Domestic Animals

Causes Substantial But Temporary Eye Injury • Harmful If Swallowed

Do not get in eyes, skin or on clothing.

Personal Protective Equipment (PPE)

All mixers, loaders, applicators and handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks.
- Chemical-resistant gloves
- Protective eyewear

See engineering controls for additional requirements

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

ESUBMISSION

60 of 24

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

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

First Aid

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994, for emergency medical treatment information.

Environmental Hazards

This pesticide is toxic to fish and aquatic invertebrates. For terrestrial uses: Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift or runoff may adversely affect aquatic invertebrates and non-target plants. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

Physical or Chemical Hazards

Spray solutions of this product should be mixed, stored and applied using only stainless steel, aluminum, fiberglass, plastic or plastic lined containers.

Do not mix, store or apply this product or spray solutions of this product in galvanized steel or unlined steel (except stainless steel) containers or spray tanks. This product, or spray solutions of this product, react with such containers and tanks to produce hydrogen gas that may form a highly combustible gas mixture. This gas mixture could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source.

Agricultural Use Requirements

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

(Storage and Disposal for rigid containers 5 gal or less)

Storage and Disposal

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

Pesticide Storage: Store in a cool, dry place. Store in original container. In case of leak or spill, contain material and dispose as waste.

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

Container Handling: Nonrefillable container. Do not reuse or refill this container.

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 and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **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 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 if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

(Storage and Disposal for refillable rigid containers larger than 5 gal)**Storage and Disposal**

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

Pesticide Storage: Store in a cool, dry place. Store in original container. In case of leak or spill, contain material and dispose as waste.

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site 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% full with water and, if possible, spray all sides while adding water. If practical, agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then 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.

(Storage and Disposal for nonrefillable rigid containers larger than 5 gal)**Storage and Disposal**

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

Pesticide Storage: Store in a cool, dry place. Store in original container. In case of leak or spill, contain material and dispose as waste.

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

Container Handling: Nonrefillable container. Do not reuse or refill this container.

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 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 or collect rinsate for later use or disposal. Insert

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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 if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

Refer to label booklet for 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-XXX

EPA Est. _____

**Produced for
Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis, IN 46268**

Net Contents _____

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(cover, shipping container):

GF-2727

Herbicide

For control of annual and perennial weeds as a non-selective burndown in certain crops for preplant, preemergence and/or postemergence to weeds in chemical fallow applications. Avoid contact of herbicide with foliage, green stems, exposed non-woody roots or fruit of crops desirable plants and trees, because severe injury or destruction may result.

Group	4	9	HERBICIDE
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Active Ingredient(s):

- glyphosate: N-(phosphonomethyl)glycine, dimethylammonium salt 22.1%
- 2,4-Dichlorophenoxyacetic acid, choline salt 24.4%
- Other Ingredients 53.5%
- Total 100.0%

2,4-dichlorophenoxyacetic acid – 16.62% - 1.6 lb/gal - 2.38 lb 2,4-D choline salt
glyphosate acid – 17.48% - 1.7 lb/gal - 2.16 lb glyphosate DMA salt

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.)

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

Refer to inside of label booklet for 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-XXX

EPA Est. _____

Produced for
Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis, IN 46268

Net Contents _____

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Precautionary Statements

Hazards to Humans and Domestic Animals

WARNING

Causes Substantial But Temporary Eye Injury • Harmful If Swallowed

Do not get in eyes, skin or on clothing.

Personal Protective Equipment (PPE)

All mixers, loaders, applicators and handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks.
- Chemical-resistant gloves
- Protective eyewear

See engineering controls for additional requirements

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 Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

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

First Aid

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994, for emergency medical treatment information.

Environmental Hazards

This pesticide is toxic to fish and aquatic invertebrates. For terrestrial uses: Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift or runoff may adversely affect aquatic invertebrates and non-target plants. Drift and runoff may be

11 of 24

hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

Physical or Chemical Hazards

Spray solutions of this product should be mixed, stored and applied using only stainless steel, aluminum, fiberglass, plastic or plastic lined containers.

Do not mix, store or apply this product or spray solutions of this product in galvanized steel or unlined steel (except stainless steel) containers or spray tanks. This product, or spray solutions of this product, react with such containers and tanks to produce hydrogen gas that may form a highly combustible gas mixture. This gas mixture could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source.

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.

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
- Protective eyewear
- Chemical resistant gloves made of any waterproof material
- 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.

Do not enter or allow people (or pets) to enter the treated area until sprays have dried

Storage and Disposal

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

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Pesticide Storage: Store in a cool, dry place. Store in original container. In case of leak or spill, contain material and dispose as waste.

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

Nonrefillable containers 5 gallons or less:

Container Handling: Nonrefillable container. Do not reuse or refill this container.

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 and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **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 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 if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

Refillable containers larger than 5 gallons:

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% full with water and, if possible, spray all sides while adding water. If practical, agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then 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.

Nonrefillable containers 5 gallons or larger:

Container Handling: Nonrefillable container. Do not reuse or refill this container.

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 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 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 if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

General Information

GF-2727 herbicide is a systemic herbicide with very limited soil residual activity and is intended for control of emerged annual and perennial weeds in fallow systems and burndown applications prior to planting corn or soybeans. This product is non-selective and gives broad-spectrum control of many annual and perennial weeds. It is formulated as a water soluble liquid. This product may be applied through most standard industrial or field type sprayers after dilution and thorough mixing with water or other carriers according to label instructions.

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When this product is applied as directed and under the circumstances described, it controls annual and perennial weeds listed in this label.

Do not add buffering agents, pH adjusting agents, or adjuvants other than agriculturally approved nonionic surfactants to the spray solution when this product is the only pesticide being applied. Ammonium sulfate may be used. See Mixing Directions for instructions.

Time to Symptoms: This product moves through the plant from the point of foliage contact to and into the root system. Visible effects include twisting of leaves and curvature of stems followed by a gradual wilting and yellowing of the plant that advances to complete browning of above-ground growth and deterioration of underground plant parts. Visible effects on most annual weeds occur within 2 to 4 days depending upon weed species. Extremely cool or cloudy weather following treatment may slow activity of this product and delay development of visual symptoms.

Stage of Weeds: Annual weeds are easiest to control when they are small. Best control of most perennial weeds is obtained when treatment is made at late growth stages approaching maturity. Refer to the annual and perennial rate tables for specific weeds. Always use the higher rate within the rate range for heavy or dense weed growth or when weeds are growing in an undisturbed (non-cultivated) area. When treating weeds with disease or insect damage, weeds heavily covered with dust, or weeds under poor growing conditions, reduced weed control may result.

Cultural Considerations: Reduced control may result when applications are made to annual or perennial weeds that have been mowed, grazed, or cut and have not been allowed to regrow to the specified stage for treatment.

Rainfastness: Heavy rainfall soon after application may wash off this product from the foliage. A repeat application may be required for adequate control.

Spray Coverage: For best results, spray coverage should be uniform and complete. Do not spray weed foliage to the point of runoff.

Mode of Action: Glyphosate, one of the active ingredients in this product, inhibits an enzyme. This enzyme is found only in plants and microorganisms that are essential to forming specific amino acids. 2,4-D choline, the other active ingredient in this product, mimics the naturally occurring plant auxins and overloads the plant's auxin balance affecting vital processes, such as cell division and elongation, resulting in abnormal growth and plant death.

Limited Soil Activity: Weeds must be emerged at the time of application to be fully controlled by this product. Weeds germinating from seed after application will not be controlled. Unemerged plants arising from unattached underground rhizomes or rootstocks of perennials will not be affected by the herbicide and will continue to grow. Some suppression of annual weeds emerging soon after application may occur when this product is applied with a higher rate within the rate range.

Biological Degradation: Degradation of this product is primarily a biological process carried out by soil microbes.

Tank Mixing: For residual weed control, follow a label approved herbicide program. Read and carefully follow the precautionary statements and all other information appearing on the labels of all herbicides used. Use according to the most restrictive label directions for each product in the mixture. See Mixing Directions section.

Buyer and all users are responsible for all loss or damage in connection with the use or handling of mixtures of this product with herbicides or other materials that are not expressly specified in this labeling. Mixing this product with herbicides or other materials not specified on this label may result in reduced performance.

140x24

Herbicide Resistance Management

2,4-D choline, one of the active ingredients in this product, is a Group 4 herbicide (synthetic auxin). Glyphosate, the other active ingredient in this product, is a group 9 herbicide (inhibitor of EPSP synthase). Some naturally occurring weed biotypes that are tolerant (resistant) to 2,4-D choline or glyphosate may exist due to genetic variability in a weed population. Where resistant biotypes exist, the repeated use of herbicides with the same modes of action can lead to the selection for resistant weeds. Certain agronomic practices delay or reduce the likelihood that resistant weed populations will develop and can be utilized to manage weed resistance once it occurs.

To delay the prevention of developing 2,4-D choline or glyphosate resistant weeds, use the following practices:

Herbicide Selection:

- Rotate the use of this product with non-Group 4 or non-Group 9 herbicides.
- Utilize tank mixes or sequential applications of herbicides with alternative modes of action.
- Avoid using more than two applications of GF-2727 or any other Group 4 or Group 9 herbicide within a single growing season unless mixed with another mode of action herbicide with overlapping spectrum.
- Use a broad spectrum soil applied herbicide with other modes of action as a foundation in a weed control program.
- Apply full rates of GF-2727 for the most difficult to control weed in the field at the specified time (correct weed size) to minimize escapes of tolerant weeds.

Crop Selection and Cultural Practices:

- Incorporate additional weed control practices whenever possible, such as mechanical cultivation, delayed planting, crop rotation, and weed-free crop seeds, as part of an integrated weed control program.
- Do not allow weed escapes to produce seeds, roots or tubers.
- Thoroughly clean plant residues from equipment before leaving fields suspected to contain resistant weeds.
- Scout fields after application to detect weed escapes or shifts in weed species.
- If resistance is suspected, treat weed escapes with an alternate mode of action.
- Report any incidence of repeated non-performance of this product against a particular weed species to the local retailer, county extension agent, or Dow AgroSciences representative.

Because the presence of herbicide resistance in weed populations is difficult to detect prior to use, Dow AgroSciences accepts no liability for any losses that may result from the failure of this product to control weeds resistant to this mode of action. Incidents of non-performance should be reported to the local retailer, county extension agent, or Dow AgroSciences representative.

Avoid drift. Use extreme care when applying this product to prevent injury to desirable plants and crops.

Spray Drift Management

Do not allow the herbicide solution to mist, drip, drift or splash onto desirable vegetation since minute quantities of this product can cause severe damage or destruction to the crop, plants or other areas on which treatment was not intended. The likelihood of injury occurring from the use of this product increases when winds are gusty, as wind velocity increases, when wind direction is constantly changing or when there are other meteorological conditions that favor spray drift. When spraying, avoid combinations of pressure and nozzle type that will result in fine particles (mist) which are likely to drift.

Do not apply at excessive speed or pressure. Use of this product in any manner not consistent with this label may result in injury to persons, animals or crops, or other unintended consequences. Keep container closed to prevent spills and contamination.

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment- and-weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

Do not aerially apply this product.

Droplet Size

Apply as a coarse or very coarse spray. Use drift reducing nozzle tips in accordance with manufacturer recommendations that produce a droplet classification of coarse or greater (ASABE S-572 Standard).

Groundboom Application

Use the minimum boom height based upon the nozzle manufacturer's recommendations. Spray drift is enhanced as boom height increases. Spray drift can be minimized if nozzle height is not greater than 24 inches above the ground level or 20 inches above the height of the crop stubble.

Wind

Drift potential is lowest between wind speeds of 2 to 10 mph. However, many factors, including droplet size and equipment type, determine drift potential at any given speed. Do not apply at wind speeds greater than 15 mph. Apply this product only if the wind direction favors on-target deposition and there are no sensitive areas (including residential areas, bodies of water, known habitat for nontarget species, nontarget crops) within 250 feet downwind. **Note:** Local terrain can influence wind patterns. The applicator should be familiar with local wind patterns and how they affect drift.

Temperature and Humidity

When making applications in low relative humidity, set up equipment to product larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

Temperature Inversions

If applying at wind speeds less than 3 mph, the applicator must determine if: a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications during a temperature inversion or stable atmospheric conditions. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures 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, the presence of an inversion can also be identified by the movement of smoke from a ground source. Smoke that layers and moves laterally in a connected cloud (under low wind conditions) indicates an inversion, while smoke that moves upwards and rapidly dissipates indicates good vertical air mixing.

Susceptible Plants

Do not apply under circumstances where spray drift may occur to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use or consumption. Avoid contact of herbicide with foliage, green stems, exposed non-woody roots of crops, desirable plants and trees because severe injury or destruction may result. Small amounts of spray drift that may not be visible may injure susceptible broadleaf plants.

Sensitive Areas

Only apply this pesticide when the potential for drift to adjacent sensitive areas (e.g., residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g., when wind is blowing away from the sensitive areas).

State and Local Requirements

Applicators must follow all state and local pesticide drift requirements regarding application of 2,4-D herbicides. Where states have more stringent regulations, they must be observed.

16 of 24

Mixing Directions

Clean sprayer parts immediately after using this product by thoroughly flushing with water.

Note: Reduced results may occur if water containing soil is used, such as visibly muddy water or water from ponds and ditches that is not clear.

GF-2727 – Alone

This product mixes readily with water. Mix spray solutions of this product as follows:

1. Fill the mixing or spray tank with the required amount of clean water.
2. Add the specified amount of this product near the end of the filling process and mix well.
3. During mixing and application, foaming of the spray solution may occur. To prevent or minimize foaming, avoid the use of mechanical agitators, terminate by-pass and return lines at the bottom of the tank and, if needed, use an approved anti-foam or defoaming agent.

Note: Use approved anti-back siphoning devices where required by state or local regulations to avoid siphoning back into the carrier source.

GF-2727 – Tank Mix

When tank mixing, read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled, and geographic and other restrictions. Use in accordance with the most restrictive of label limitations and precautions. Do not exceed any label dosages. Do not tank mix this product with any product containing a label prohibition against tank mixing with 2,4-D choline or glyphosate.

For tank mixes of this product:

1. Place a 20- to 35-mesh screen or wetting basket over filling port.
2. Through the screen, fill the spray tank one-half full with water and start agitation.
3. If a wettable powder is used, make a slurry with the water carrier, and add it **slowly** through the screen into the tank. Continue agitation.
4. If a flowable formulation is used, premix one part flowable with one part water. Add diluted mixture **slowly** through the screen into the tank. Continue agitation.
5. If an emulsifiable concentrate formulation is used, premix one part emulsifiable concentrate with two parts water. Add diluted mixture slowly through the screen into the tank. Continue agitation.
6. Continue filling the spray tank with water and add the required amount of this product near the end of the filling process.
7. Add individual formulations to the spray tank in the following order: wettable powder, flowable, emulsifiable concentrate, drift control additive, and water soluble liquid.

Maintain good agitation at all times until the contents of the tank are sprayed. If the spray mixture is allowed to settle, thorough agitation is required to resuspend the mixture before spraying is resumed.

Keep by-pass line on or near the bottom of the tank to minimize foaming. Screen size in nozzle or line strainers should be no finer than 50 mesh.

Tank Mix Compatibility Testing: A jar test is recommended prior to tank mixing to ensure compatibility of this product and other pesticides. Use a clear glass quart jar with lid and mix the tank mix ingredients in their relative proportions. Invert the jar containing the mixture several times and observe the mixture for approximately 1/2 hour. If the mixture balls-up, forms flakes, sludges, gels, oily films or layers, or other precipitates, it is not compatible and the tank mix combination should not be used.

Sprayer Clean-Out

To avoid injury to desirable plants, thoroughly clean equipment used to apply this product before re-use or using it to apply other chemicals.

1. Rinse and flush application equipment thoroughly after use at least three times with water. Dispose of all rinse water by applying it to treatment area or to non-cropland area away from water supplies.
2. During the second rinse, add 1 quart of household ammonia for every 25 gallons of water. Circulate the solution through the entire system so that all internal surfaces are contacted (15 to 20 minutes). Let the solution stand for several hours, preferably overnight.
3. Flush the solution out of the spray tank through the boom.
4. Rinse the system twice with clean water, recirculating and draining each time.
5. Remove nozzles and screens and clean them separately.
6. If the equipment is to be used to apply another pesticide or agricultural chemical to a crop susceptible to 2,4-D choline, additional steps may be required to remove all traces of 2,4-D choline, including cleaning disassembled parts and replacing hoses or other fittings that may contain absorbed 2,4-D choline.

Nonionic Surfactant

Although not generally required, a surfactant may be added to the spray solution if the water carrier volume is more than 30 gallons per acre, the application rate for the product is less than 3.5 pints per acre, or additional surfactant is desired for burndown applications. Additional surfactant may also be added for applications made to weeds previously damaged due to mechanical injury, such as tillage or wheel traffic, and/or affected by environmental stress, such as extended dry conditions, excessively cool or hot temperatures, etc. **Note:** These conditions generally warrant the use of increased herbicide rates.

Use nonionic surfactants that are labeled for use with herbicides. Do not reduce rates of this product when adding surfactant. Using herbicides at lower than label rates will result in reduced performance. When adding additional surfactant, use a surfactant concentration of 0.125 to 0.25 percent (1 to 2 pints per 100 gallons of spray solution) for surfactants containing at least 70 percent active ingredient or more. Read and carefully follow the precautionary statements and applicable use directions on the label of the surfactant product.

Ammonium Sulfate

Adding 1 to 2 percent dry ammonium sulfate by weight or 8.5 to 17 lb per 100 gallons of water may increase the performance of this product, particularly when tank mixed with certain residual herbicides on annual and perennial weeds. The equivalent rate of ammonium sulfate in a liquid formulation may also be used. Ensure that ammonium sulfate is completely dissolved in the spray tank before adding herbicides. Thoroughly rinse the spray system with clean water after use to reduce corrosion. **Note:** When using ammonium sulfate, apply this product at rates listed in this label. Lower rates will result in reduced performance.

Colorants or Dyes

Agriculturally-approved colorants or marking dyes may be added to this product. Colorants or dyes used in spray solutions of this product may reduce performance, especially at lower rates or dilutions. Use colorants or dyes according to the manufacturer's directions.

Drift Control Additives

Drift control additives may be used with all equipment types. When a drift control additive is used, read and carefully observe the precautionary statements and all other information appearing on the additive label.

Application Equipment and Application Methods

Drift control additives may be used with all equipment types. When a drift control additive is used, read and carefully observe the precautionary statements and all other information appearing on the additive label.

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

180 of 24

Do not aerially apply this product.

This product may be applied with the following application equipment: Apply spray solutions in properly maintained and calibrated equipment capable of delivering desired volumes.

Ground Broadcast Spray

Boom, pull-type sprayer, floaters, pick-up sprayers, spray coupes and other ground broadcast equipment. Use the minimum boom height based upon the nozzle manufacturer's recommendations. Spray drift is enhanced as boom height increases. Spray drift can be minimized if nozzle height is not greater than 24 inches above the ground level or 20 inches above the height of the crop stubble.

Use the specified rates of this product in 5 to 40 gallons of spray solution per acre as a broadcast spray unless otherwise specified. As the density of weeds increases, increase spray volume within the specified range to ensure complete coverage. Carefully select proper nozzles to avoid spraying a fine mist. For best results with ground application equipment, use spray nozzles that deliver a coarse to very coarse droplet size. Check for even distribution of spray droplets.

Injection Systems

This product may be used in ground injection spray systems as a liquid concentrate or diluted prior to injecting into the spray stream. Do not mix this product with the concentrate of other products when using injection systems.

Uses

Unless otherwise specified, applications may be made to control any weeds listed in the annual and perennial tables.

General Precautions and Restrictions:

- For any crop not listed in this section, do not apply less than 30 days prior to planting.
- For broadcast burndown or preplant treatments, do not harvest or feed treated vegetation for 8 weeks following application unless otherwise specified.
- The use directions are based upon a clean start at planting by using a burndown application or tillage to control existing weeds before crop emergence.
- In no-till and stale seedbed systems, a preplant burndown application of this product is required to control existing weeds prior to crop emergence.

Corn

Labeled Crops: Field corn, seed corn, sweet corn, popcorn

Types of Applications: Preplant, preemergence

Preplant

Apply this product 7 to 14 days before planting corn to control emerged grass and broadleaf weed seedlings or existing cover crops. Apply 2.5 to 4.75 pints per acre. Use a higher rate in the rate range for less susceptible weeds or cover crops, weeds in advanced stages of development, or under less favorable growth conditions.

Preemergence

Apply any time after planting, but before corn emerges, to control grass and broadleaf weed seedlings or existing cover crops. Use a higher rate in the rate range for less susceptible weeds or cover crops, weeds in advanced stages of development, or under less favorable growth conditions.

Tank Mixes: Apply tank mixes in 10 to 20 gallons of water or 10 to 60 gallons of nitrogen solution per acre. Apply a minimum of 3.5 pints of this product per acre when tank mixing with nitrogen solutions as spray carrier, or Aim, atrazine, or atrazine-containing premixes. This product may be tank mixed with

190A24

other herbicide products labeled for preplant or preemergence applications provided the tank mix product is registered for use on this crop.

Precautions and Restrictions:

- Best results are achieved when this preplant or preemergence applications of this product are not applied to light sandy soils.
- Apply this product at least 7 days prior to planting corn.
- In southern states, do not apply in nitrogen solutions to tough to control grasses such as barnyardgrass, fall panicum, broadleaf signalgrass, annual ryegrass, and any perennial weeds. The area covered includes from Route 50 South in Illinois and Indiana and the following states: Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, New Jersey, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia.

Fallow Systems

Types of Applications: Postharvest, chemical fallow, preplant fallow beds

Postharvest

Allow weeds to regrow after any damage incurred during harvest and recover from environmental stress before applying this product. Apply prior to heading of grass weeds and, if possible, before broadleaf weeds are more than 24 inches tall.

Chemical Fallow

This product may be applied during the fallow period prior to planting or emergence of any crop listed on this label. This product may be used as a substitute for tillage to control annual weeds in fallow fields. Broadcast treatments will control or suppress many perennial weeds in fallow fields. Apply this product during the fallow period up until 7 to 14 days prior to planting field corn, seed corn, sweet corn or popcorn, and 15 to 30 days prior to planting soybean. Only ground application equipment may be used.

Preplant Fallow Beds

Apply this product to fallow beds prior to planting or emergence of any crop listed on this label. Apply this product during the fallow period up until 7 to 14 days prior to planting field corn, seed corn, sweet corn or popcorn, and 15 to 30 days prior to planting soybean. For any crop not listed on this label, apply this product at least 30 days prior to planting the next crop. Only ground application equipment may be used.

Soybean

Type of Application: Preplant

Preplant

Applications must be made not less than 15 days prior to planting soybeans when 2.5 pints or less per acre are used. Applications must be made not less than 30 days prior to planting soybeans when more than 2.5 pints per acre are used. See Precautions and Restrictions in this section. Apply a minimum of 2.5 pints of this product per acre when tank mixing with PPO-containing herbicides, such as Aim, Spartan, Canopy XL, Valor, Gangster, Authority First, or Sonic™ herbicide.

Tank Mixes: This product may be tank mixed with other herbicide products labeled for preplant applications in soybean cropping systems.

Precautions and Restrictions:

- **Note:** Unacceptable injury to soybeans planted in treated fields may occur. Whether soybean injury occurs and the extent of such injury depends upon weather (temperature and rainfall) from herbicide application until soybean emergence and agronomic factors, such as the amount of weed vegetation and previous crop residue present at the time of application. Injury is more likely under cool rainy conditions and where there is less weed vegetation and crop residue present.
- Do not disturb treated soil through tillage between application and planting of soybeans.

- Do not use on sandy soils with less than 1% organic matter.
- In treated fields, plant soybean seed as deep as practical, but not less than 1 inch deep. Adjust the planter, if necessary, to ensure that planted seed is adequately covered.
- Do not make more than one application per season regardless of the amount of product applied.
- Do not apply GF-2727 as a preplant application in soybeans unless soybean injury is acceptable, including possible stand loss and/or yield reductions.
- During the growing season following application, do not replant treated fields with crops other than those labeled for use with 2,4-D and glyphosate.
- Do not apply more than a total of 4.75 pints of GF-2727 per acre per use season.

Annual Weeds

Apply 3.5 to 4.75 pints of this product per acre to actively growing annual weeds. Use 3.5 pints per acre if weeds are less than 6 inches tall and 4.75 pints per acre if weeds are more than 6 inches tall. This product may be used up to 4.75 pints acre where heavy weed densities exist. Water carrier volumes of 3 to 15 gallons per acre are required for ground applications.

This product will not control grass weed biotypes that are glyphosate resistant (tolerant). For glyphosate resistant (tolerant) broadleaf weed biotypes, always apply 3.5 to 4.75 pints per acre.

Prior to treatment, allow regrowth for weeds that have been mowed, grazed or cut.

For difficult to control weeds, such as fall panicum, barnyardgrass, crabgrass, shattercane and broadleaf signalgrass up to 2 inches tall, and Pennsylvania smartweed up to 6 inches tall, apply this product at 3.5 pints per acre when tank mixed with other preplant herbicides.

Rate Table

	Rate (pints/acre)		
	2.5	3.5	4.75
	Maximum Height/Length (inches)		
ammannia, purple	3	12	15
annoda, spurred	-	3	5
barley	18	18+	-
barnyardgrass	3	6	8
bassia, fivehook	-	6	-
beggarweed, Florida	-	8	-
bittercress	12	20	-
bluegrass, annual	10	-	-
bluegrass, bulbous	6	-	-
brome, downy ^{1,2}	6	12	-
brome, Japanese	6	12	20
browntop panicum			
buckwheat, wild ³	1	2	4
burcucumber	6	12	18
buttercup	12	20	-
Carolina foxtail	10	-	-
Carolina geranium	-	4	8
carpetweed	-	12	-
cheat ²	6	20	-
chervil	20	-	-
chickweed	12	20	-

cocklebur	12	24	36
copperleaf, hophornbeam	2	4	6
copperleaf, Virginia			
corn, volunteer (glyphosate susceptible)	6	12	20
corn speedwell	12	-	-
crabgrass	3	12	-
crowfootgrass	-	6	10
cutleaf evening primrose	3	6	9
devilsclaw (unicorn plant)	3	6	-
dwarf dandelion	-	12	-
eastern mannagrass	8	12	-
eclipta	4	8	12
fall panicum	4	6	10
falsedandelion	-	20	-
falseflax, smallseed	12	-	-
fiddleneck	-	6	12
field pennycress	12	18+	-
filaree	-	6	12
fleabane, annual	6	20	-
fleabane, hairy (<i>Conyza bonariensis</i>)	-	6	10
fleabane, rough	3	12	-
Florida pusley	4	6	12
foxtail (giant, bristly, yellow)	6	20	-
foxtail, green	12	20	-
goatgrass, jointed	6	12	-
goosegrass	-	6	10
grain sorghum (milo)	6	20	-
groundsel, common	6	10	20
groundcherry	3	6	10
hemp sesbania	4	6	10
henbit	3	6	12
horseweed/marestail (<i>Conyza canadensis</i>)	6	12	20
itchgrass	6	12	15
jimsonweed	6	12	18
johnsongrass, seedling	6	18	20
junglerice	2	6	8
knotweed	-	6	12
kochia ⁴	3	12	-
lambsquarters	6	15	24
little barley	6	12	-
London rocket	6	24	-
mayweed	-	6	15
morningglory (<i>Ipomoea</i> spp.)	6	8	12
mustard, blue	6	18	-
mustard, tansy			
mustard, tumble			
mustard, wild	6	18	24
nightshade, black	4	8	12

nightshade, hairy			
oats	3	18	-
pigweed, redroot	8	18	24
pigweed, palmer ⁵	4	12	15
pigweed, smooth	8	18	24
prickly lettuce	6	12	20
purslane	3	6	8
ragweed, common	6	12	20
ragweed, giant	8	18	24
red rice	-	4	-
Russian thistle	6	12	16
rye, volunteer/cereal ²	6	18+	-
ryegrass	-	6	10
sandbur, field	6	12	-
sandbur, longspine			
shattercane	6	20	-
shepherd's-purse	6	20	24
sicklepod	2	6	12
signalgrass, broadleaf	-	6	8
smartweed, ladythumb	4	8	10
smartweed, Pennsylvania			
sowthistle, annual	2	6	12
Spanishneedles	4	8	12
speedwell, purslane	12	-	-
sprangletop	6	20	-
spurge, prostrate	4	12	-
spurge, spotted			
spurry, umbrella	6	-	-
stinkgrass	-	12	-
sunflower	15	24	30
teaweed/prickly sida	2	6	8
Texas panicum	6	12	20
velvetleaf	4	8	12
Virginia pepperweed	10	18	24
waterhemp	4	8	12
wheat ²	6	18	-
wheat (over-wintered)	-	12	18
wild oats	3	18	-
wild proso millet	-	12	18
witchgrass	-	12	-
woolly cupgrass			
yellow rocket	12	20	-

¹For control of downy brome in no-till systems, use 2.5 pints per acre.

²Performance is better if application is made before this weed reaches the boot stage of growth.

³Use 2.5 pints of this product per acre to control wild buckwheat in the cotyledon to 2-leaf stage. Use 3.5 pints per acre to control wild buckwheat at the 2- to 4-leaf stage. For improved control of wild buckwheat more than 2 inches in size, use sequential treatments of 3.5 pints followed by 3.5 pints of this product per acre.

⁴Do not treat kochia in the button stage.

⁵Hard to control weeds, such as palmer amaranth, may require a total program approach including soil-applied residual herbicide(s) followed by a single or sequential post herbicide application.

Perennial Weeds

Apply to actively growing perennial weeds. **Note:** If weeds have been mowed or tilled, do not treat until plants have resumed active growth and have reached the specified stages.

Repeat treatments may be necessary to control weeds regenerating from underground parts or seed. Repeat treatments must be made prior to crop emergence.

Unless otherwise stated, allow 7 days or more after application before tillage.

Best results are obtained when soil moisture is adequate for active weed growth.

Rate Table

Weed Species	Rate (pint/acre)	Water Volume (gpa)
Alfalfa	3.5 – 4.75	3 - 15
Make applications after the last hay cutting in the fall. Allow alfalfa to regrow to a height of 6 to 8 inches or more prior to treatment. Follow applications with deep tillage at least 7 days after treatment, but before soil freeze-up.		
Bindweed, field	4.75	3 - 15
Do not treat when weeds are under drought stress as good soil moisture is necessary for active growth.		
For suppression on irrigated agricultural land, apply 4.75 pints of this product in 3 to 15 gallons of water per acre for ground applications only. Apply when the bindweed is actively growing and the majority of runners are 12 inches or more in length. The use of at least one irrigation will promote active bindweed growth.		
Dandelion	3.5 – 4.75	3 - 15
Best results achieved when most plants have reached the early bud stage of growth.		
Dock, curly	3.5 – 4.75	3 - 15
Apply when most plants have reached the early bud stage of growth.		
Dogbane, hemp	3.5 – 4.75	3 - 15
For suppression, delay applications until maximum emergence of dogbane has occurred. Best results are achieved when most plants have reached the late bud to flower stage of growth, but application must be made before corn is 48 inches tall.		
Jerusalem artichoke	4.75	3 - 15
For suppression, apply when most plants are in the early bud stage.		
Milkweed, common	4.75	3 – 15
For suppression, apply when most plants have reached the late bud to flower stage of growth.		
Pokeweed, common	3.5 – 4.75	3 – 15
Apply to actively growing plants up to 24 inches tall.		
Smartweed, swamp	4.75	3 – 15
For suppression, apply when most plants have reached the early bud stage of growth.		
Sowthistle, perennial	4.75	3 – 15
For suppression, apply when most plants are at or beyond the bud stage of growth.		
Thistle, Canada	3.5 – 4.75	3 – 15

240A 24

Apply when most plants are at or beyond the bud stage of growth. Allow rosette regrowth to a minimum of 6 inches in diameter before treating. Make applications as long as leaves are still green and plants are actively growing at the time of 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, otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitations of Remedies.

Warranty Disclaimer

Dow AgroSciences 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, Dow AgroSciences 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 Dow AgroSciences or the seller. To the extent permitted by law, all such risks shall be assumed by buyer.

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, strict liability, or other legal theories), shall be limited to, at Dow AgroSciences' 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, Dow AgroSciences shall not be liable for losses or damages resulting from handling or use of this product unless Dow AgroSciences is promptly notified of such loss or damage in writing. To the extent permitted by law, in no case shall Dow AgroSciences be liable for consequential or incidental damages or losses.

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

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