

62719-599

7/21/2008

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U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

62719-599

Date of Issuance:

JUL 21 2008

NOTICE OF PESTICIDE:

x Registration
Reregistration
(under FIFRA, as amended)

Term of Issuance:

conditional

Name of Pesticide Product:

GF-2121

Name and Address of Registrant (include ZIP Code):

Dow AgroSciences 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/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.
2. Submit the data listed below:
a. Within one year of the date on this registration notice, submit Storage Stability (830.6317) and Corrosion Characteristics (830.6320) studies.
3. Make the following label changes:
a. Corrosive. Causes irreversible eye damage. Harmful if swallowed. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Wear: Long-sleeved shirt and long pants, socks shoes, and chemical-resistant gloves. Child Resistant Packaging required because of Toxicity Category I for eye irritation.

Signature of Approving Official:

Joanne I. Miller
Product Manager 23
Herbicide Branch
Registration Division (7505P)

Handwritten signature of Joanne I. Miller

Date:

JUL 21 2008

- 2/21
- b. Under First Aid, make "If Swallowed" the second bullet after "If in Eyes".
  - c. It is recommended that the label contain statements that address the category I Primary Eye Irritant toxicity. The following statements are suggested:
    - technical information on symptomatology;
    - use of supportive treatments to maintain life functions;
    - medicine that will counteract the specific physiological effects of the pesticide;
    - company telephone number to specific medical personnel who can provide specialized medical advice.
  - d. Change the first bullet under User Safety Recommendations to read "Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.
  - e. Change "To the extent permitted by law" to read "To the extent consistent with applicable law", wherever it appears under the terms and conditions of use.
  - f. Revise the EPA Registration Number to read, "EPA Reg. No. 62719-599."

Submit one copy of the revised final printed label for the record.

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 for rigid containers 5 gal or less):

# GF-2121

## Specialty Herbicide

**For the control of annual and perennial broadleaf weeds in established turfgrass including, but not limited to, sod farms, residential lawns, golf courses, and recreational, commercial and public turfgrass areas. Contains 2,4-D, triclopyr, and fluroxypyr.**

**Not for sale, distribution, or use in Nassau and Suffolk Counties of New York State.**

**Active Ingredients:**

2,4-D: 2,4-dichlorophenoxyacetic acid, triisopropanolamine salt .....	44.20%
triclopyr: 3,5,6-trichloro-2-pyridinyloxyacetic acid, triethylamine salt .....	3.86%
fluroxypyr 1-methylheptyl ester: ((4-amino-3,5-dichloro-6-fluoro-2-pyridinyl)oxy) acetic acid, 1-methylheptyl ester.....	4.20%
Other Ingredient(s).....	47.74%
Total .....	100.00%

**ACCEPTED  
with COMMENTS  
in EPA Letter Dated**

**JUL 21 2008**

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

62719-599

**Acid Equivalent:**

2,4-D	(2.28 lb/gal)	23.7%
triclopyr	(0.266 lb/gal)	2.77%
fluroxypyr	(0.28 lb/gal)	2.915%

**Keep Out of Reach of Children**

# DANGER PELIGRO

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.)

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### Precautionary Statements

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#### Hazards to Humans and Domestic Animals

**Corrosive • Causes Irreversible Eye Damage • Harmful If Swallowed**

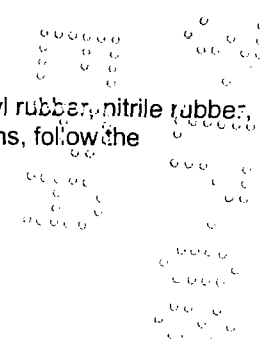
**Do not get in eyes or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.**

#### Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride and viton (all ≥14 mils). If you want more options, follow the instructions for category C 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 plus socks



- Chemical-resistant gloves, when applying with any handheld nozzle or equipment, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.
- Chemical resistant apron when mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate

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

### User Safety Recommendations

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. 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.

### 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 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.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further 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.

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

**Note to Physician:** Probable mucosal damage may contraindicate use of gastric lavage.

### Environmental Hazards

This pesticide may be toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark except as noted on appropriate labels. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

2,4-D and triclopyr have properties and characteristics associated with chemicals detected in groundwater. The use of these chemicals 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.

### 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.

### Storage and Disposal

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

**Pesticide Storage:** Keep container tightly closed when not in use. Store above 28°F and agitate before use.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your state pesticide or environmental control agency, or the hazardous waste representative at the nearest EPA regional office for guidance.

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

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank 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 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.

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. If you wish to obtain additional product information, visit our web site at [www.dowagro.com](http://www.dowagro.com).

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

EPA Reg. No. 62719-XXX

Produced for Dow AgroSciences LLC • Indianapolis, IN 46268 USA

EPA Est. \_\_\_\_\_

Net Contents \_\_\_\_\_

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(Base label for refillable rigid containers larger than 5 gal):

# GF-2121

## Specialty Herbicide

**For the control of annual and perennial broadleaf weeds in established turfgrass including, but not limited to, sod farms, residential lawns, golf courses, and recreational, commercial and public turfgrass areas. Contains 2,4-D, triclopyr, and fluroxypyr.**

**Not for sale, distribution, or use in Nassau and Suffolk Counties of New York State.**

**Active Ingredients:**

2,4-D: 2,4-dichlorophenoxyacetic acid, trisopropanolamine salt .....	44.20%
triclopyr: 3,5,6-trichloro-2-pyridinyloxyacetic acid, triethylamine salt .....	3.86%
fluroxypyr 1-methylheptyl ester: ((4-amino- 3,5-dichloro-6-fluoro-2-pyridinyl)oxy) acetic acid, 1-methylheptyl ester.....	4.20%
Other Ingredient(s) .....	47.74%
Total .....	100.00%

**Acid Equivalent:**

2,4-D	(2.28 lb/gal)	23.7%
triclopyr	(0.266 lb/gal)	2.77%
fluroxypyr	(0.28 lb/gal)	2.915%

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**Precautionary Statements**

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**Hazards to Humans and Domestic Animals**

**Corrosive • Causes Irreversible Eye Damage • Harmful If Swallowed**

**Do not get in eyes or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.**

**Personal Protective Equipment (PPE)**

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride and viton (all  $\geq 14$  mils). If you want more options, follow the instructions for category C 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 plus socks

- Chemical-resistant gloves, when applying with any handheld nozzle or equipment, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.
- Chemical resistant apron when mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate

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

### User Safety Recommendations

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. 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.

### 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 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.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further 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.

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

**Note to Physician:** Probable mucosal damage may contraindicate use of gastric lavage.

### Environmental Hazards

This pesticide may be toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark except as noted on appropriate labels. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

2,4-D and triclopyr have properties and characteristics associated with chemicals detected in groundwater. The use of these chemicals 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.

### Agricultural Use Requirements

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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.

**Storage and Disposal**

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

**Pesticide Storage:** Keep container tightly closed when not in use. Store above 28°F and agitate before use.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your state pesticide or environmental control agency, or the hazardous waste representative at the nearest EPA regional office for guidance.

**Container Reuse:** 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.

**Refer to label booklet for Directions for Use.**

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

EPA Reg. No. 62719-XXX

Produced for Dow AgroSciences LLC • Indianapolis, IN 46268 USA

EPA Est. \_\_\_\_\_

Net Contents \_\_\_\_\_



(Base label for nonrefillable rigid containers larger than 5 gal):

## GF-2121

### Specialty Herbicide

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**Not for sale, distribution, or use in Nassau and Suffolk Counties of New York State.**

#### Active Ingredients:

2,4-D: 2,4-dichlorophenoxyacetic acid, triisopropanolamine salt.....	44.20%
triclopyr: 3,5,6-trichloro-2-pyridinyloxyacetic acid, triethylamine salt .....	3.86%
fluroxypyr 1-methylheptyl ester: ((4-amino- 3,5-dichloro-6-fluoro-2-pyridinyl)oxy) acetic acid, 1-methylheptyl ester.....	4.20%
Other Ingredient(s).....	47.74%
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### Precautionary Statements

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#### Hazards to Humans and Domestic Animals

**Corrosive • Causes Irreversible Eye Damage • Harmful If Swallowed**

**Do not get in eyes or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.**

#### Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride and viton (all  $\geq 14$  mils). If you want more options, follow the instructions for category C 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 plus socks

- Chemical-resistant gloves, when applying with any handheld nozzle or equipment, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.
- Chemical resistant apron when mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate

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

### User Safety Recommendations

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. 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.

### 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.

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

**Note to Physician:** Probable mucosal damage may contraindicate use of gastric lavage.

### Environmental Hazards

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### Agricultural Use Requirements

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

### Storage and Disposal

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

**Pesticide Storage:** Keep container tightly closed when not in use. Store above 28°F and agitate before use.

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

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 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 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.

Refer to label booklet for Directions for Use.

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(Label booklet cover)

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**Refer to inside of label booklet for additional precautionary information including Directions for Use.**

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(Page 1 through end):

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## Precautionary Statements

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# DANGER

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- 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. 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.

### 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 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.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further 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.

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

**Note to Physician:** Probable mucosal damage may contraindicate use of gastric lavage.

### Environmental Hazards

This pesticide may be toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark except as noted on appropriate labels. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when cleaning equipment or disposing of equipment wash waters or rinsate.

2,4-D and triclopyr have properties and characteristics associated with chemicals detected in groundwater. The use of these chemicals 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.

### 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), restricted entry interval, and notification to workers (as applicable). 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
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Protective eyewear

### Non-Agricultural Use Requirements

The requirements of 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 people (or pets) to enter the treated area until sprays have dried.

### Storage and Disposal

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

**Pesticide Storage:** Keep container tightly closed when not in use. Store above 28°F and agitate before use.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your state pesticide or environmental control agency, or the hazardous waste representative at the nearest EPA regional office for guidance.

**Nonrefillable containers 5 gallons or less:**

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

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank 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 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.

**Refillable containers 5 gallons or larger:**

**Container Reuse:** 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.

**Nonrefillable containers 5 gallons or larger:**

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

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 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 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.

## General Information

This product is a broad-spectrum herbicide for control of actively growing annual and perennial broadleaf weeds. It is for use on established ornamental turfgrass such as lawns (residential, industrial and institutional), parks, cemeteries, athletic fields, roadsides, golf courses (fairways, aprons, and roughs), and similar turfgrass areas. Also for use on sod farms. Do not use on golf greens or tees.



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This product may be applied to the following established turfgrass species:

#### Established Cool Season Turfgrass

Common Name	Scientific Name
bentgrass <sup>1</sup>	<i>Agrostis species</i>
bluegrass, Kentucky	<i>Poa pratensis</i>
fescue, chewing	<i>Festuca rubra var. commutata</i>
fescue, creeping red	<i>Festuca rubra</i>
fescue, sheeps	<i>Festuca ovina</i>
fescue tall	<i>Festuca arundinaceae</i>
ryegrass, perennial	<i>Lolium perenne</i>

#### Established Warm Season Turfgrass<sup>2</sup>

Common Name	Scientific Name
bahiagrass <sup>1</sup>	<i>Paspalum notatum</i>
bermudagrass <sup>1</sup>	<i>Cynodon dactylon</i>
buffalograss	<i>Buchloe dactyloides</i>
centipedegrass <sup>1</sup>	<i>Eremochloa ophiuroides</i>
fescue, tall (growing in warm season areas)	<i>Festuca arundinacea</i>
zoysiagrass <sup>1</sup>	<i>Zoysia japonica</i>
zoysiagrass <sup>1</sup>	<i>Zoysia tenuifolia</i>

<sup>1</sup>Do not apply to these turfgrass species unless potential turfgrass injury can be tolerated. Also, when treating these turfgrass species, do not apply more than 3 pints per acre. To minimize turfgrass injury, additional applications should be made at least four weeks apart. Avoid swath overlaps.

<sup>2</sup>Do not treat warm season turfgrass with this product when mowing height is less than 1/2 inch.

### General Use Precautions and Restrictions

Not for sale, distribution, or use in Nassau and Suffolk Counties of New York State.

For turfgrass use, the maximum number of broadcast applications per treatment site is two per year.

This product may discolor and/or stunt turfgrass that is not well established or is stressed or weakened due to unfavorable climatic conditions, temperature extremes, drought, nematodes, or other factors which damage or weaken turfgrass. Apply this product only to healthy, well-established turfgrass that has a well-anchored root system.

Do not apply this product to turfgrass species not listed on this label unless potential turfgrass injury can be tolerated.

Do not apply this product directly to, or otherwise permit drift or spray mist to come into contact with, cotton, citrus, grapes, tobacco, vegetables, flowers, ornamental plants, shrubs, trees, and other desirable plants. Do not pour spray solutions near desirable plants.

Avoid fine mists.

Do not apply to exposed roots of shallow rooted trees and shrubs.

Do not apply more than 4 pints per acre per application.

Mow newly seeded turfgrass at least twice before treatment with this product. Do not mow turfgrass one to two days before and after application.

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Do not apply to golf course greens or tees.

Maximum kill of weeds will be obtained from spring or early fall applications when weeds are actively growing.

Do not reseed for three to four weeks after application.

For optimum results, avoid applying during excessively dry or hot periods unless irrigation is used.

Low humidity and high temperatures increase the evaporation rate of spray droplets and, therefore, the likelihood of increased spray drift. Avoid spraying during conditions of low humidity and/or high temperatures.

Use a lawn type sprayer with coarse spray as wind drift is less likely. Spray drift can be reduced by spraying when wind velocity is low, keeping spray boom as low as possible, using nozzles that deliver larger spray droplets and minimize the production of the fine spray particles, and by using higher spray volumes and lower pressures. Applications should be made only when hazards from spray drift are at a minimum. Very small quantities of spray, which may not be visible, may seriously injure susceptible plants. Do not spray when wind is blowing toward susceptible crops or ornamental plants near enough to be injured.

### Weeds Controlled

This product is designed to control many broadleaf weeds such as:

alder	dogfennel	nutgrass	spurge
annual yellow sweet clover	elderberry	orange hawkweed	spurweed
artichoke	English daisy	oxalis	stinging nettle
aster	fall dandelion	oxeye daisy	stinkweed
Austrian fieldcress	false dandelion	parsley-piert	stitchwort
bedstraw	false flax	parsnip	strawberry clover
beggartick	false sunflower	pearlwort	sumac
biden	fiddleneck	pennycress	sunflower
bindweed	field bindweed	pennywort	sweet clover
bird vetch	field pansy	peppergrass	tall nettle
bitterweed	flea bane (daisy)	pepperweed	tall vervain
bitter wintercress	flixweed	pigweed	tansy ragwort
blackeyed susan	Florida betony	pineywoods bedstraw	tanweed
black medic	Florida pusley	plains coreopsis	tarweed
black mustard	Frenchweed	plantain	thistle
blackseed plantain	galinsoga	poison hemlock	tick trefoil
blessed thistle	garlic mustard	poison ivy	toadflax
blue lettuce	goathead	poison oak	trailing crownvetch
blue vervain	goatsbeard	pokeweed	tumble mustard
box elder	goldenrod	poorjoe	tumble pigweed
bracted plantain	ground ivy	povertyweed	tumbleweed
brassbuttons	gumweed	prickly lettuce	velvetleaf
bristly oxtongue	hairy bittercress	prickly sida	Venice mallow
broadleaf dock	hairy fleabane	primrose	veronica
broadleaf plantain	hawkweed	prostrate knotweed	vervain
broomweed	healall	prostrate pigweed	vetch
buckhorn	heartleaf drymary	prostrate spurge	Virginia buttonweed
buckhorn plantain	hedge bindweed	prostrate vervain	Virginia creeper
bulbous buttercup	hedge mustard	puncture vine	Virginia pepperweed
bull nettle	hemp	purslane	wavyleaf bullthistle
bull thistle	henbit	ragweed	

burdock	hoary cress	red clover	western clematis
burning nettle	hoary plantain	redroot pigweed	western salsify
bur ragweed	hoary vervain	red sorrel	white clover
buttercup	honeysuckle	redstem filaree	white mustard
Canada thistle	hop clover	rough cinquefoil	wild aster
Carolina geranium	horsenettle	rough fleabane	wild buckwheat
carpetweed	horsetail	roundleafed marigold	wild carrot
catchweed bedstraw	Indian mallow	rush	wild four o'clock
catsear	ironweed	Russian pigweed	wild garlic
catnip	jewelweed	Russian thistle	wild geranium
chickweed	jimsonweed	St. Johnswort	wild lettuce
chicory	kochia	scarlet pimpernel	wild marigold
cinquefoil	knawel	Scotch thistle	wild mustard
clover	knotweed	sheep sorrel	wild onion
cockle	lambsquarter	shepherdspurse	wild parsnip
cocklebur	lespedeza	slender plantain	wild radish
coffeebean	locoweed	smallflower galinsoga	wild rape
coffeeweed	lupine	smartweed	wild strawberry
common chickweed	mallow	smooth dock	wild sweet potato
common mullein	marshelder	smooth pigweed	wild vetch
common sowthistle	matchweed	sneezeweed	willow
corn chamomile	Mexicanweed	southern wild rose	witchweed
creeping jenny	milk vetch	sowthistle	woodsorrel
crimson clover	milkweed bloodflower	Spanishneedle	wooly morningglory
croton	morningglory	spatterdock	wooly croton
cudweed	mousear chickweed	speedwell	wooly plantain
curly dock	mugwort	spiny amaranth	wormseed
curly indigo	musk thistle	spiny cocklebur	yarrow
dandelion	mustard	spotted catsear	yellow rocket
dead nettle	narrowleaf plantain	spotted knapweed	yellowflower pepperweed
dock	narrowleaf vetch	spotted spurge	other broadleaf weeds
dogbane	nettle		

After applying this product, many broadleaf weeds will begin to show visible signs of leaf curl within a few days. Some hard to control broadleaf weeds may require a second broadcast treatment in three to four weeks. In the event more than two broadcast applications per site per year are necessary, use as a spot treatment. To spot treat, make up solution as listed below.

### **Turfgrass Application Directions**

Apply 3 to 4 pints of this product per acre (1.1 to 1.5 fl oz per 1000 sq ft) to control above listed broadleaf weeds.

The maximum use rate for most warm season turfgrass is 3 pints per acre. For exceptions, see listing of warm season turfgrass listed above.

Apply using equipment that will ensure uniform coverage (see specific application directions below). Foliar sprays should be applied during warm weather when weeds are actively growing. Application under drought conditions may provide less than desirable results. Use higher rates when hard to control species are prevalent or when weeds are mature.

On closely mowed golf course fairway bentgrass, apply this product at a maximum rate of 2 pints in 20 to 240 gallons of water per acre (0.73 fl oz in 0.5 to 5.5 gallons of water per 1000 sq ft). During conditions which promote turfgrass stress, use lower rates of 1 to 1 1/2 pints in 20 to 240 gallons of water per acre (0.36 to 0.55 fl oz in 0.5 to 5.5 gallons per 1000 sq ft). Slight turfgrass yellowing will disappear after one

week. To minimize turfgrass injury, a second application should not be made for at least four weeks. Avoid swath overlaps. Do not use on golf course greens or tees.

**Note:** Broadleaf weeds germinate at different times of the year. Only emerged weeds present at the time of application will be controlled by this product.

#### **Standard Volume Broadcast Application**

Apply 3 to 4 pints of this product in enough water to deliver 20 to 200 gallons of total spray mix per acre (0.5 to 5 gallons spray per 1000 sq ft). Higher application volumes may be used when this product is tank mixed with liquid fertilizers.

#### **Low Volume Broadcast Application**

Apply 3 to 4 pints of this product in enough water to deliver from 5 to 40 gallons of total spray mixture per acre. Use low pressures and application equipment capable of delivering a uniform droplet size that can wet the weed leaf surface.

#### **Targeted Zone Applications or Spot Treatment Using Portable Sprayers**

Mix 1.1 to 1.5 fl oz. of this product in enough water to make 1 gallon of spray and apply at any time broadleaf weeds are actively growing. Target plants should be sprayed to wet but not beyond the point of runoff.

**Controlled Droplet Applicators – Atomizers and Spinning Disk Applicators:** Use this product at the rate of 3 to 4 pints per acre (1.1 to 1.5 fl oz per 1000 sq ft) in sufficient water to assure coverage; 1 to 4 gallons of water per acre is normal for this type of equipment. Follow controlled droplet applicator equipment spray instructions.

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

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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. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies.

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### **Warranty Disclaimer**

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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. Dow AgroSciences MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

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### **Inherent Risks of Use**

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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. All such risks shall be assumed by buyer.

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### **Limitation of Remedies**

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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.

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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. 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 this 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 this Limitation of Remedies in any manner.

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