

62719-1

09/16/2008

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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:

62719-1

Date of Issuance:

SEP 16 2008

NOTICE OF PESTICIDE:

Registration
[X] Reregistration
(under FIFRA, as amended)

Term of Issuance:

Name of Pesticide Product:

Formula 40 Herbicide

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 reregistered in accordance with FIFRA section 4(g)(2)(C) provided 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. Under the First Aid statements, delete the text "If on Skin: Wash with plenty of soap and water. Get medical attention."
3. The Agency recommends that additional text be added to the Note to Physician that addresses category I eye irritation concerns.
4. Per the acute toxicity review, the Hazards to Humans and Domestic Animals must be revised to include the statement "Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals."
5. The chemical-resistant glove statement under the PPE section must be revised to read as follows: "Chemical-resistant gloves (such as or made of any water proof material, selection category A)."

Signature of Approving Official:

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

Handwritten signature of Joanne I. Miller

Date:

SEP 16 2008

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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 Statements

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protections 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.

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protections Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)].

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing 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 on skin: Wash with plenty of soap and water. Get medical attention.

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.

If swallowed: Call a Poison Control Center or doctor immediately for treatment advice. Have a 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 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.

Note: 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 product is toxic to aquatic invertebrates and may be toxic to fish. 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 or runoff may adversely affect aquatic invertebrates and nontarget 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.

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.

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EPA Reg. No. 62719-1

- Under the **Soybeans** restrictions section, revise the statement "Do not apply more than 2.1 pt/acre of Formula 40 per crop" to read "Do not apply more than 2.0 pt/acre of Formula 40 per crop cycle."

- Under the **Sugarcane** restrictions, add "than" to the third bullet to read "Do not make more than one preemergence and one postemergence application per season."

- Under the **Forestry** restrictions, add the following:

"Limited to one broadcast, one basal spray or cut surface, and one injection application per year. For injection, maximum of 2 ml formulation per injection site."

-Under the **Non-cropland** section, add the following:

"Applications to non-cropland areas are not applicable to treatment of commercial timber or other plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes."

- Under **Ornamental Turf** restrictions, add "acre" and "excluding spot treatments" to the last bullet to read "Do not apply more than 6.3pt/acre of Formula 40 (3.0 lbs of acid equivalent/acre) per year, excluding spot treatments."

A stamped copy of your labeling is enclosed for your records. Submit one copy of the revised final printed label for the record before you release the product 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.

11. Add the following statements to the labeling:

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. EPA, C01-0132C, (W.D. WA). For further information, please refer to EPA Web Site: <http://www.epa.gov/espp>.

12. Assure that the Storage and Disposal sections are consistent throughout the labeling.

13. Delete "General Use" on page 14. This is an implied safety claim.

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(Base label for rigid containers 5 gal or less):

Formula 40[®] Herbicide

For selective control of many broadleaf weeds in certain crops, including, asparagus, cereal grains (wheat, barley, millet, oats and rye), corn (field corn, popcorn and sweet corn), fallow land and crop stubble, rice, orchard floors (apple, pear, stone fruit and nut), (sorghum (grain and forage sorghum), soybeans (preplant burndown application only), strawberries (dormant or post-harvest), and sugarcane; forests; rangeland and established grass pastures, including Conservation Reserve Program (CRP) acres; non-cropland; grasses grown for seed or sod; and ornamental turf.

Active Ingredients:

| | |
|-------------------------------------------------------------------|---------|
| 2,4-dichlorophenoxyacetic acid, triisopropanolamine salt | 34.05% |
| 2,4-dichlorophenoxyacetic acid, dimethylamine salt | 21.97% |
| Other Ingredients | 43.98% |
| Total | 100.00% |

Acid Equivalent: 2,4-dichlorophenoxyacetic acid -- 36.5% -- 3.8 lb/gal

ACCEPTED
with COMMENTS
In EPA Letter Dated:
SEP 16 2008

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

Keep Out or Reach of Children

DANGER PELIGRO

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(If you do not understand the label, find someone to explain it to you in detail.)

62719-1

Precautionary Statements

Hazards to Humans and Domestic Animals

Corrosive • Causes Irreversible Eye Damage • Harmful If Swallowed or Absorbed Through Skin

Do not get in eyes or on clothing. Avoid contact with skin.

Personal Protective Equipment (PPE)

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

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves, when applying postharvest dips or sprays to citrus, applying with any handheld nozzle or equipment, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.
- Protective eyewear
- Chemical resistant apron when applying postharvest dips or sprays to citrus, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate

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 Statements

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protections 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.

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protections Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)].

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing 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 on skin: Wash with plenty of soap and water. Get medical attention.

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.

If swallowed: Call a Poison Control Center or doctor immediately for treatment advice. Have a 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 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.

Note: 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 product is toxic to aquatic invertebrates and may be toxic to fish. 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 or runoff may adversely affect aquatic invertebrates and nontarget 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.

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.

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Storage and Disposal

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

Pesticide Storage: Keep container tightly closed when not in use. Formula 40, exposed to subfreezing temperatures, should be warmed to at least 40°F and mixed thoroughly before using.

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.

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

EPA Reg. No. 62719-1

EPA Est. _____

®Trademark of Dow AgroSciences LLC
Produced for Dow AgroSciences LLC • Indianapolis, IN 46268 U.S.A.

Net Contents __ gal

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

Formula 40[®] Herbicide

For selective control of many broadleaf weeds in certain crops, including, asparagus, cereal grains (wheat, barley, millet, oats and rye), corn (field corn, popcorn and sweet corn), fallow land and crop stubble, rice, orchard floors (apple, pear, stone fruit and nut), (sorghum (grain and forage sorghum), soybeans (preplant burndown application only), strawberries (dormant or post-harvest), and sugarcane; forests; rangeland and established grass pastures, including Conservation Reserve Program (CRP) acres; non-cropland; grasses grown for seed or sod; and ornamental turf.

Active Ingredients:

| | |
|-------------------------------------------------------------------|---------|
| 2,4-dichlorophenoxyacetic acid, triisopropanolamine salt | 34.05% |
| 2,4-dichlorophenoxyacetic acid, dimethylamine salt | 21.97% |
| Other Ingredients | 43.98% |
| Total | 100.00% |

Acid Equivalent: 2,4-dichlorophenoxyacetic acid -- 36.5% -- 3.8 lb/gal

Keep Out or 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.)

Precautionary Statements

Hazards to Humans and Domestic Animals

Corrosive • Causes Irreversible Eye Damage • Harmful If Swallowed or Absorbed Through Skin

Do not get in eyes or on clothing. Avoid contact with skin.

Personal Protective Equipment (PPE)

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

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves, when applying postharvest dips or sprays to citrus, applying with any handheld nozzle or equipment, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.
- Protective eyewear
- Chemical resistant apron when applying postharvest dips or sprays to citrus, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate

See engineering controls for additional requirements

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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 Statements

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- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
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First Aid

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If swallowed: Call a Poison Control Center or doctor immediately for treatment advice. Have a 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 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.

Note: 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 product is toxic to aquatic invertebrates and may be toxic to fish. 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 or runoff may adversely affect aquatic invertebrates and nontarget 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.

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.

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Storage and Disposal

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

Pesticide Storage: Keep container tightly closed when not in use. Formula 40, exposed to subfreezing temperatures, should be warmed to at least 40°F and mixed thoroughly before using.

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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Net Contents __ gal

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

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| 2,4-dichlorophenoxyacetic acid, dimethylamine salt | 21.97% |
| Other Ingredients | 43.98% |
| Total | 100.00% |

Acid Equivalent: 2,4-dichlorophenoxyacetic acid -- 36.5% -- 3.8 lb/gal

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See engineering controls for additional requirements

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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.

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Storage and Disposal

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

Pesticide Storage: Keep container tightly closed when not in use. Formula 40, exposed to subfreezing temperatures, should be warmed to at least 40°F and mixed thoroughly before using.

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.

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.**

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Net Contents _____

13/34

(cover)

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Net Contents __ gal

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(Page 1 through end):

Precautionary Statements

Hazards to Humans and Domestic Animals**DANGER****Corrosive • Causes Irreversible Eye Damage • Harmful If Swallowed or Absorbed Through Skin****Do not get in eyes or on clothing. Avoid contact with skin.****Personal Protective Equipment (PPE)****All mixers, loaders, applicators, flaggers, and other handlers must wear:**

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves, when applying postharvest dips or sprays to citrus, applying with any handheld nozzle or equipment, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.
- Protective eyewear
- Chemical resistant apron when applying postharvest dips or sprays to citrus, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate

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 Statements

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protections 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.

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protections Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)].

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing 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 on skin:** Wash with plenty of soap and water. Get medical attention.**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.**If swallowed:** Call a Poison Control Center or doctor immediately for treatment advice. Have a 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.

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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.

Note: 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 product is toxic to aquatic invertebrates and may be toxic to fish. 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 or runoff may adversely affect aquatic invertebrates and nontarget 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.

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
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Protective eyewear

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.

Use Requirements for Rangeland, Pasture and Non-cropland Areas

Restricted Entry Interval: Do not enter or allow people (or pets) to enter the treated area until sprays have dried.

Use Requirements for Turf

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Restricted Entry Interval: When used on grass seed crops, follow PPE and reentry instructions in the "Agricultural Use Requirements" section of this label. For use on other turf areas, 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 or disposal.

Pesticide Storage: Keep container tightly closed when not in use. Formula 40, exposed to subfreezing temperatures, should be warmed to at least 40°F and mixed thoroughly before using.

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 larger than 5 gallons:

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 larger than 5 gallons:

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

Formula 40® herbicide is intended for selective control of many broadleaf weeds in certain crops [including asparagus, blueberries (high bush), cereal grains (wheat, barley, millet, oats, and rye), corn

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(field corn, popcorn and sweet corn), fallow land and crop stubble, orchard floors (apple, pear, stone fruit, nut and pistachio), rice, wild rice, sorghum (grain and forage sorghum), soybeans (preplant burndown application only), strawberries, and sugarcane], forests, grass pastures, rangeland (including Conservation Reserve Program (CRP) acres, ornamental turf, turf grown for sod or seed, and non-cropland; also for control of trees by injection.

Apply Formula 40 as a water or oil-water spray during warm weather when weeds or woody plants are actively growing. Application under drought conditions will often give poor results. Use low spray pressure to minimize drift. Generally, the lower dosages recommended on this label will be satisfactory for young, succulent growth of susceptible weed species. For less susceptible species and under conditions where control is more difficult, use higher recommended rates. Deep-rooted perennial weeds such as Canada thistle and field bindweed and many woody plants usually require repeated applications for satisfactory control. Consult your State Agricultural Experiment stations or Extension Service Weed Specialists for recommendations from this label that best fit local conditions.

General Use Precautions and Restrictions

Do not use in or near greenhouses.

Do not apply this product in less than 2 gallons of total spray volume per acre.

Be sure that use of this product conforms to all application regulations. There may be state or local regulations affecting the use of 2,4-D herbicides in your area. Consult state agricultural experiment station or local extension service weed specialists regarding regulations applicable to your area or specific local weed control recommendations.

Do not contaminate irrigation ditches or water used for domestic purposes.

Residues of 2,4-dichlorophenoxyacetic acid in the soil may temporarily inhibit seed germination or plant growth.

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

Crop Injury: Injury to crops may occur when this herbicide is used as recommended. If you are not prepared to accept some degree of crop injury, do not use this product. Certain crop varieties may be more susceptible to 2,4-D injury. Apply Formula 40 only to crop varieties known to be tolerant to 2,4-D. If you are uncertain concerning tolerant varieties or local use situations that may affect crop tolerance to 2,4-D, consult your seed company, state agricultural extension service or qualified crop consultant for advice.

Spray Drift Management

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application (e.g., ground, aerial, airblast, chemigation) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

Droplet Size

When applying sprays that contain 2,4-D as the sole active ingredient, or when applying sprays that contain 2,4-D mixed with active ingredients that require a Coarse or coarser spray, apply only as a Coarse or coarser spray (ASAE standard 572) or a volume mean diameter of 385 microns or greater for spinning atomizer nozzles.

When applying sprays that contain 2,4-D mixed with other active ingredients that require a Medium or more fine spray, apply only as a Medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

Wind Speed

Do not apply at wind speeds greater than 15 mph. Only apply this product if the wind direction favors on-target deposition and there are not sensitive areas (including, but not limited to, residential areas, bodies of water, known habitat for nontarget species, nontarget crops) within 250 feet downwind. If applying a Medium spray, leave one swath unsprayed at the downwind edge of the treated field.

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 into areas of temperature inversions or stable atmospheric conditions.

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. Susceptible crops include, but are not limited to, cotton, okra, flowers, fruit trees, grapes (in growing stage), fruit trees (foliage), soybeans (vegetative stage), ornamentals, sunflowers, tomatoes, beans, and other vegetables, or tobacco. Small amounts of spray drift that may not be visible may injure susceptible broadleaf plants.

Other 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.

Equipment

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

Aerial Application

The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.

Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety. This requirement does not apply to forestry or rights-of-way applications.

When applications are made with a crosswind, the swath will be displaced downwind. The applicator must compensate for this by adjusting the path of the aircraft upwind.

Ground Boom Application

Do not apply with a nozzle height greater than 4 feet above the crop canopy.

Mixing Instructions

Mix Formula 40 only with water, unless otherwise directed on this label. Add about half the water to the mixing tank, then add the Formula 40 with agitation, and finally the rest of the water with continuing agitation.

Tank Mixing Precautions:

- Read carefully and follow all applicable use directions, precautions, and limitations on the labels of all products to be tank mixed.
- Do not tank mix with another pesticide product that contains the same active ingredients as this product, unless the label of the tank mix partner specifies the maximum dosage that may be used.
- Do not apply this product in tank mix with any product containing a label prohibition against tank mixing with 2,4-D.

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Precaution: Adding oil, wetting agent or other surfactant to the spray may increase effectiveness on weeds, but also may reduce selectivity to crops resulting in crop injury.

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, jels, oily films or layers, or other precipitates, it is not compatible and the tank mix combination should not be used.

Mixing with Liquid Nitrogen Fertilizer

This product may be combined with liquid nitrogen fertilizer suitable for foliar application to accomplish broadleaf weed control and fertilization of corn, small grains, sorghum, or pastures in a single operation. Use Formula 40 in accordance with recommendations for these crops provided in this label. Use liquid fertilizer at rates recommended by the supplier or extension service specialist. Test for mixing compatibility by mixing spray ingredients in correct proportions in a clear glass jar before mixing in spray tank. A compatibility aids such as Unite or Compex may be needed in some situations. Compatibility is best with liquid fertilizer solutions containing only nitrogen. Mixing with N-P-K solutions may not be satisfactory, even with the addition of a compatibility aid. Pre-mixing Formula 40 with 1 to 4 parts water may help in situations when mixing difficulty occurs.

Fill the tank about half full with the liquid fertilizer, then add the required amount of Formula 40 with agitation.. Maintain agitation and complete filling the tank with liquid fertilizer. Apply immediately and continue spray tank agitation during application. **Do not store the spray mixture.** To avoid spray mixture compatibility problems, application during cold weather (less 40°F) is not recommended.

Sprayer Clean-Out

To avoid injury to desirable plants, equipment used to apply this product should be thoroughly cleaned before re-use or applying other chemicals.

1. Rinse and flush application equipment thoroughly after use at least three times with water. Dispose of all rinse water by application to treatment area or apply to non-cropland area away from water supplies.
2. During the second rinse, add 1 qt of household ammonia for every 25 gallons of water. Circulate the solution through the entire system so that all internal surfaces are contacted (15-20 min). 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 separately.
6. If equipment is to be used to apply another pesticide or agricultural chemical to a 2,4-D susceptible crop, additional steps may be required to remove all traces of 2,4-D, including cleaning of disassembled parts and replacement of hoses or other fittings that may contain absorbed 2,4-D.

Application Instructions

Apply with calibrated air or ground equipment using sufficient spray volume to provide adequate coverage of target weeds or as otherwise directed in specific use directions. For broadcast application, use a spray volume of 2 or more gallons per acre by air and 10 or more gallons per acre for ground equipment. Where states have regulations that specify minimum spray volumes, they should be observed. In general, spray volume should be increased as crop canopy, height and weed density increase in order to obtain adequate spray coverage.

Spot Treatments

To prevent misapplication, spot treatments should be applied with a calibrated boom or with hand sprayers using a fixed spray volume per 1,000 sq ft as indicated below.

Hand-Held Sprayers: Hand-held sprayers may be used for spot applications of Formula 40 in labeled crops. Care should be taken to apply the spray uniformly and at a rate equivalent to a broadcast application. Application rates in the table are based on a treatment area of 1,000 sq ft. Mix the amount of Formula 40 (fl oz or ml) corresponding to the desired broadcast rate in one (1) or more gallons of spray. To calculate the amount of Formula 40 required for larger areas, multiply the table value (fl oz or ml) by the number of thousands of sq ft of area to be treated. An area of 1000 sq ft is approximately 10.5 X 10.5 yards (strides) in size. To calculate the amount of Formula 40 required for a broadcast rate higher than those listed, use a multiple of the table value.

Rate Conversion Table for Spot Treatment:

| Label Broadcast Rate (pt/acre) | | | | | | | |
|------------------------------------------------|-----------------------|-----------------------|----------------------|----------------------|--------------------|------------------------|--------------------|
| 1/2 | 2/3 | 3/4 | 1 | 2 | 3 | 4 | 8 |
| Equivalent Amount of Formula 40 per 1000 sq ft | | | | | | | |
| 1/5 fl oz † (5.5 ml) | 1/4 fl oz (7.3 ml) | 1/3 fl oz (8.3 ml) | 3/8 fl oz (11 ml) | 3/4 fl oz (22 ml) | 1 fl oz (33 ml) | 1 1/2 fl oz (44 ml) | 3 fl oz (88 ml) |

† Conversion factors: 1 pt - 16 fl oz.; 1 fl oz = 29.6 (30) ml

Band Application: Formula 40 may be applied as a band treatment. Use the formulas below to determine the appropriate rate and volume per treated acre.

Band width in inches

----- X Broadcast rate = Rate per
 Row width in inches per acre banded acre

Band width in inches

----- X Broadcast spray = Spray volume
 Row width in inches volume per acre per banded
 acre

Weeds Controlled

Annual and Biennial Weeds

- | | |
|--------------------------------------------|-------------------------------------------------------|
| Beggarticks ⁽¹⁾ | mousetail ⁽²⁾ |
| Bittercress, smallflowered ⁽²⁾ | mustards (except blue mustard) |
| bitterweed | parsnip, wild |
| broomweed, common ⁽¹⁾ | pennycress (fanweed) |
| burdock, common | pepperweeds (<i>Lepidium</i> spp.) ⁽¹⁾⁽²⁾ |
| buttercup, smallflowered ⁽¹⁾⁽²⁾ | pigweeds (<i>Amaranthus</i> spp.) ⁽¹⁾ |
| carpetweed | poorjoe |
| cinquefoil, common ⁽²⁾ | primrose, common |
| cinquefoil, rough ⁽²⁾ | purslane, common ⁽²⁾ |
| cocklebur, common | pusley, Florida |
| coffeeweed | radish, wild |
| copperleaf, Virginia ⁽²⁾ | ragweed, common |
| croton, Texas | ragweed, giant |
| croton, woolly | rape, wild |
| flixweed | rocket, yellow |
| galinsoga | salsify, common ⁽¹⁾ |
| geranium, Carolina ⁽²⁾ | salsify, western ⁽¹⁾ |
| hemp, wild | shepherdspurse |
| horseweed (marestail) ⁽²⁾ | sicklepod |
| jewelweed | smartweed (annual species) ⁽¹⁾⁽²⁾ |

jimsonweed
 knotweed ⁽¹⁾
 kochia
 lambsquarters, common
 lettuce, prickly ⁽¹⁾⁽²⁾
 lettuce, wild
 lupines
 mallow, little ⁽¹⁾
 mallow, Venice ⁽¹⁾
 marshelder
 morningglory, annual
 morningglory, ivy
 morningglory, woolly

sneezeweed, bitter
 sowthistle, annual
 sowthistle, spiny
 spanishneedles
 sunflower
 sweetclover
 tansymustard
 thistle, bull
 thistle, musk ⁽¹⁾
 thistle, Russian (tumbleweed) ⁽¹⁾
 velvetleaf
 vetches

Perennial Weeds

Alfalfa ^{(1), (2)}
 artichoke, Jerusalem ⁽¹⁾
 aster, many-flower ⁽¹⁾
 Austrian fieldcress ⁽¹⁾
 bindweed (hedge, field and European) ⁽¹⁾⁽²⁾
 blue lettuce
 blueweed, Texas
 broomweed
 bullnettle ⁽¹⁾⁽²⁾
 carrot, wild ⁽¹⁾
 catnip
 chicory
 clover, red ⁽¹⁾⁽²⁾
 coffeeweed
 cress, hoary ⁽¹⁾
 dandelion ⁽¹⁾
 docks ⁽¹⁾
 dogbanes ⁽¹⁾
 goldenrod

eveningprimrose, cutleaf ⁽²⁾
 garlic, wild ⁽¹⁾
 hawkweed, orange ⁽¹⁾
 healal
 ironweed, western ⁽²⁾
 ivy, ground ⁽¹⁾
 Jerusalem-artichoke
 loco, bigbend
 nettles (including stinging) ⁽¹⁾
 onion, wild ⁽¹⁾
 pennywort
 plantains
 ragwort, tansy ⁽¹⁾
 sowthistle, perennial
 thistle, Canada ⁽¹⁾⁽²⁾
 vervains ⁽¹⁾
 wormwood

⁽¹⁾ **Difficult-to-Control Weeds:** These weeds are only partially controlled and may require repeat applications and/or use of the higher recommended rate of this product even under ideal conditions of application.

⁽²⁾ This product may not be used to control this weed species in the state of California.

Crop Uses

Agricultural Use Requirements for Crops: For the following crop uses, follow PPE and Reentry instructions in the "Agricultural Use Requirements" section of this label.

Asparagus

| Crop Stage | Formula 40 (pt/acre) | Specific Use Directions |
|---------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| After cutting | 1 to 2 | Apply immediately after a cutting, before regrowth of new spears or postharvest. Spears contacted by the spray may be malformed and off-flavored. Malformed |

| | | |
|---------------------|--------|----------------------------------------------------------------------------------------------------------------|
| | | spears should be cut immediately and discarded. After application, wait at least two weeks before cultivating. |
| Post Harvest | 1 to 2 | Apply with ground equipment only and use drop nozzles to avoid spraying ferns. |

Restrictions:

- **Preharvest Interval:** Do not harvest within three days of application.
- Do not make more than two applications per crop cycle.
- Do not apply within 30 days of a previous application.

**Cereal Grains (Wheat, Barley, Millet, Oats, Rye)
(Not Underseeded with Legumes)**

General Use Precautions: Use the lower rate in the rate range if small annual or biennial weeds are the major problem. Use the higher rate if perennial weeds or more difficult to control annual or biennial weeds are present. Higher rates increase the risk of crop injury and should be used only where weed control justifies such risk. To avoid crop injury, do not apply this product at the crop seedling stage of growth. Consult state agricultural experiment station or extension service weed specialists for recommendations or suggestions to fit local conditions.

| Crop/Weeds Controlled | Formula 40 (pt/acre) | Specific Use Directions |
|-----------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Wheat, Barley, Millet, Rye Annual and biennial broadleaf weeds Perennial broadleaf weeds | 1/2 to 2 1 to 2 † | Apply after crop is fully tillered, (usually 4 to 8 inches tall), but not forming joints in the stem, and weeds are small. Do not apply before tillering or during early boot through the milk stage of growth. |
| Oats (Spring Seeded) (Fall Seeded Southern) | 1/2 3/4 to 1 1/4 | Apply after crop is fully tillered, (usually 4 to 8 inches tall), but not forming joints in the stem, and weeds are small. Do not apply before tillering or during early boot through the milk stage of growth. Do not apply during or immediately following cold weather. |
| Preharvest application (all cereals) | 1 | Apply using air or ground equipment to control weeds that could interfere with harvest, or to suppress perennial weeds. Apply when grain is in dough stage. Do not apply during early boot (forming joints in the stem) through the milk stage of growth. |

Restrictions:

- **Preharvest Interval:** Do not harvest for hay or harvest grain within 14 days after application.
- Do not apply more than 3.5 pt/acre of Formula 40 per crop.
- Do not make more than one post-emergence application and one pre-harvest application per crop season.

Corn (Field Corn, Popcorn and Sweet Corn)

General Use Precautions: Corn hybrids vary in tolerance to 2,4-D. Apply this product only to varieties known to be 2,4-D tolerant. Consult your seed company representative or local Agricultural Experiment Station or Extension Service Weed Specialist for information on 2,4-D tolerance of corn varieties. Application of this product may cause temporary stem brittleness in corn. To avoid stem breakage, delay cultivation for 8 to 10 days following application.

| Application Timing/ Stage of Crop | Formula 40 (pt/acre) | Specific Use Directions |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Preplant (Burndown) Preemergence (Field corn, popcorn, and sweet corn) | 1 to 2 | General: For best results, growth conditions should be favorable for active weed growth. Use high rate in rate range for difficult-to-control weeds, cover crops such as alfalfa, weeds in advanced stages of development, or under less favorable growth conditions. Preplant: Apply 7 to 14 days before planting corn to control emerged broadleaf weed seedlings or existing cover crops. Preemergence: Apply any time after planting, but before corn emerges to control broadleaf weed seedlings or existing cover crops. Do not make preemergence applications to corn grown in light sandy soils. |
| Postemergence (Field corn, popcorn, and sweet corn) Annual broadleaf weeds Crop up to 8 inches tall Crop 8 inches tall to tasseling (directed spray only) Perennial broadleaf weeds | 1/2 to 1 1 1 | Apply when weeds are small and corn is less than 8 inches tall (to top of canopy). If corn is more than 8 inches tall, use drop nozzles to keep spray off foliage. Treat perennial weeds when they are in bud to bloom stage. Do not tank mix with atrazine, oil or other adjuvants. To avoid crop injury, do not apply from tasseling to hard dough stage. Note: Corn treated with 2,4-D may become temporarily brittle. Wind or cultivation may cause stem breakage during the period of time that corn is brittle. Sweet Corn: To minimize potential for crop injury, use only lowest rate in rate range. |
| Preharvest (Field corn and popcorn only) | up to 3 | Apply after corn is in hard dough (or denting) stage. Do not apply preharvest to sweet corn. |

Restrictions (Field Corn and Popcorn):

- **Preharvest interval:** Do not harvest for grain or fodder within 7 days after application.
- Do not make no more than one preplant or preemergence application, one postemergence application, and one preharvest application per use season.
- Do not apply more than 6.0 pt/acre (3.0 lb of acid equivalent) of Formula 40 per use season.

Restrictions (Sweet Corn):

- **Preharvest interval:** Do not harvest within 45 days after application or permit meat or dairy animals to forage or graze treated area within 7 days after application.
- Do not make a postemergence application any less than 21 days after a prior application.
- Do not make no more than one preplant or preemergence application, and one postemergence application per use season.
- Do not apply more than 3.0 pt/acre (1.5 lb of acid equivalent) of Formula 40 per crop.

Fallow Land and Crop Stubble

General Use Precautions

Degradation Factors: When planting into treated areas, the risk of crop injury is less if lower rates of product were applied and conditions following application have included warm, moist soil conditions that favor rapid breakdown of 2,4-D. Risk is greater if higher rates of product were applied and soil temperatures have been cold and/or soils have been excessively wet or dry in the days following application.

Planting in Treated Areas (Labeled Crops): Within 29 days after an application of this product, plant only those crops listed on this or other registered 2,4-D labels. Follow more specific limitations, if any, provided in directions for specific crops. Labeled crops may be at risk of crop injury or loss if planted soon after application, especially during the first 14 days. Degradation factors described below should be considered in weighing this risk.

All other crops may be planted 30 or more days after application without concern for illegal residues in the planted crop. However, under certain conditions, there may be a risk of injury to susceptible crops. Degradation factors described below should be considered in weighing this risk. Under average conditions, any crop may be planted without risk of injury if at least 90 days of soil temperatures above freezing have elapsed since application.

| Type of Weeds | Formula 40 (pt/acre) | Specific Use Directions |
|---------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Annual broadleaf weeds | 1 to 2 | Use lower rate in rate range when weeds are small (2 to 3 inches tall) and conditions are favorable for active growth and a higher rate when weeds are larger and/or growing conditions are less favorable. |
| Biennial broadleaf weeds | 2 to 4 | Apply when musk thistles or other biennial species are in the seedling to rosette stage and before development of flower stalks. Use lower rates in the spring during the rosette stage and the highest rate in the fall or when flower stalks have developed. |
| Perennial broadleaf weeds | 2 to 4 | Apply when perennial weeds are in bud or bloom stage and actively growing. Do not disturb treated areas for at least 2 weeks after application or until top growth is dead. |
| Wild garlic and onion in crop stubble | 4 | Apply to new regrowth of wild garlic or onion that occurs in the fall after harvest of other crops. |

Restrictions:

- **Preharvest Interval:** Do not cut forage or hay from treated areas for 7 days after application.
- Do not make more than 2 applications per season.
- Do not re-apply within 30 days of a previous application.
- Do not apply more than 8.4 pt/acre per use season.

Grain Sorghum (Milo) and Forage Sorghum

General Use Precautions: Temporary crop injury can be expected under conditions of high soil moisture and high air temperatures. If it is necessary to apply Formula 40 under these conditions, use no more than 2/3 pint per acre. Sorghum hybrids vary in 2,4-D tolerance. Apply only to varieties known to be

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tolerant to 2,4-D. Consult your seed company representative or local agricultural experiment station or extension service weed specialist for information on 2,4-D tolerance of sorghum varieties.

| Application Timing/ Stage of Crop Growth | Formula 40 (pt/acre) | Specific Use Directions |
|----------------------------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Postemergence Crop 6 - 8 inches tall Crop 8 - 15 inches tall (directed spray only) | 1/2 to 1 3/4 to 1 | Apply when sorghum is 6 to 15 inches tall. If sorghum is more than 8 inches tall (top of canopy), use drop nozzles to keep spray off foliage. Do not use with oil or other adjuvants. Do not treat during boot, flowering or dough stage. |

Restrictions:

- Do not allow meat or dairy animals to graze or harvest treated crop for fodder or forage until 30 days after application.
- Do not apply more than 2.1 pt/acre of Formula 40 (1.0 lb of acid equivalent) per crop.

Orchard Floors (Apples, Pears, Stone Fruit, Nut Orchards and Pistachios)**General Use Precautions (To Avoid Tree Injury):**

- Do not apply immediately before irrigation and withhold irrigation for 2 days before and 3 days after application.
- Do not allow spray drift to contact foliage, fruit, stems, trunks or trees or exposed roots.
- Because newly established trees or young orchards are more susceptible to 2,4-D injury, apply only to orchards that are at least one year old and well-established as indicated by vigorous plant growth.
- Do not apply during bloom.

| Application Timing | Formula 40 (pt/acre) | Specific Use Directions |
|----------------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Postemergence | 2 to 3 | For control of weeds on orchard floors, apply using coarse sprays, low pressure and sufficient water for thorough coverage of weeds. Treat when weeds are small and actively growing. |

Restrictions:

- **Preharvest Intervals:**
 - Apples and Pears:** Do not harvest fruit within 14 days after application.
 - Stone Fruit:** Do not harvest for 40 days after application.
 - Nut Orchards and Pistachios:** Do not harvest for 60 days after application.
- Do not use on light sandy soils.
- Do not cut orchard floor forage or hay within 7 days after application.
- Do not make more than 2 applications per year
- **Stone Fruits, Apples and Pears:** Allow at least 75 days between applications.
- **Nut Orchards, Pistachios:** Allow at least 30 days between applications.
- Do not apply more than 8.0 pt/acre of Formula 40 per year.

Rice (Not for Use in California)

General Precautions: Rice varieties vary in tolerance to 2,4-D, or may be susceptible to injury under certain conditions or stages of growth. Consult your seed company representative or local Agricultural Experiment Station or Extension Service Weed Specialist for information on 2,4-D tolerance of rice varieties, including optimum rates and timing.

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| Application Timing | Formula 40 (pt/acre) | Specific Use Directions |
|--------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Preplant | 1 to 2 | Apply 2 to 4 weeks before planting rice to control emerged broadleaf weeds. Do not use in California. |
| Postemergence | 1 to 2 [†] | Apply when rice is in late tillering stage and at the time of first joint development (first to second green ring). Do not apply after panicle initiation, after rice internodes exceed one-half inch, at early seedling, early panicle, or boot and heading stages. |

[†] Application rates of 2 to 3 pt/acre may be applied to handle difficult weed control problems. However, do not use more than 2 pt/acre unless possible crop injury is acceptable.

Restrictions:

- **Preharvest interval:** Do not apply within 60 days of harvest.
- Do not apply more than one preplant and one postemergence application per use season.
- Do not apply more than 3.16 pt/acre of Formula 40 (1.5 lb of acid equivalent) per crop.

Rice (Wild Rice) – For Use in Minnesota Only

| Application Timing | Formula 40 (pt/acre) | Specific Use Directions |
|--------------------|----------------------|-----------------------------------------------------------------------------|
| Postemergence | 1/2 | Apply when rice is in the 1 to 2 aerial leaf through early tillering stage. |

Restrictions:

- **Preharvest interval:** Do not apply within 60 days of harvest.
- Do not apply more than 1/2 pt/acre (0.25 lb acid equivalent) of Formula 40 per use season.

Soybeans (Preplant Burndown Application Only)

Important Notice: Unacceptable injury to soybeans planted in treated fields may occur. Whether or not soybean injury occurs and the extent of such injury will depend on 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.

| Application Timing | Formula 40 (pt/acre) | Specific Use Directions |
|---------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Preplant (Burndown) | 3/4 to 1 | Apply not less than 15 days before planting soybeans, when weeds are small and actively growing. Use the higher rate on larger weeds and when perennials are present. See Use Precautions and Restrictions below. |
| | 1 to 2 | Apply not less than 30 days before planting soybeans, when weeds are small and actively growing. Use the higher rate on larger weeds and when perennials are present. See Use Precautions and Restrictions below. |

Compatible crop oil concentrates, agricultural surfactants and fluid fertilizers approved for use on growing crops may be added to spray mixtures to increase the herbicidal effectiveness on certain weeds. Read and follow all directions and precautions on this label and on the label of each product added to the spray mixture.

Use Precautions, Restrictions and Limitations:

- Do not disturb treated soil through tillage between application and planting of soybeans.
- Do not use on sandy soils with less than 1.0% organic matter.
- In treated fields, plant soybean seed as deep as practical, but not less than 1.0 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 application rate used.
- **Do not apply Formula 40 as a preplant application in soybeans unless you are prepared to accept the results of soybean injury, including possible stand loss and/or yield reduction.**
- During the growing season following application, do not replant treated fields with crops other than those labeled for use with Formula 40.
- Do not apply more than 2.1 pt/acre (1.0 lb of acid equivalent) of Formula 40 per crop.

Strawberries (Dormant or Post-harvest Application Only)
 (Do not use in California or Florida)

| Crop Stage | Formula 40 (pt/acre) | Specific Use Directions |
|-------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dormant or after last picking | 1 to 2 | Apply to established plantings when strawberry plants have gone into dormancy or soon after the last picking. Some injury may occur. Do not apply unless possible injury to the crop is acceptable. Consult your state extension weed or horticultural specialists on use of this product in your area. |

Use Precautions, Restrictions and Limitations:

- Do not make more than one application per crop cycle.

Sugarcane

| Application Timing/ Stage of Growth | Formula 40 (pt/acre) | Specific Use Directions |
|-------------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Preemergence | 2 | Preemergence: Apply before cane emerges. |
| Postemergence | 2 to 4 | Postemergence: Apply after cane emerges through canopy or layby. Use higher rate for perennial weeds and difficult-to-control weeds. |

Precautions and Restrictions:

- Do not apply more than 8.4 pt/acre (4 lbs acid equivalent) of Formula 40 per use season.
- **Preharvest Interval:** Do not harvest cane prior to crop maturity
- Do not make more one preemergence and one postemergence application per season.

Forestry, Rangeland, Established Pasture, and Non-cropland, Uses

Agricultural Use Requirements for Forest Use (Except Tree Injection Use): For use in forests, follow PPE and Reentry instructions in the "Agricultural Use Requirements" section under the "Directions for Use" heading of this label.

Agricultural Use Requirements for Rangeland, Pasture, Forest (Tree Injection Only) and Non-cropland Areas: When this product is applied to rangeland and established pastures not harvested for hay or seed; non-cropland areas, and when applied by tree injection method only in forest sites, follow reentry requirements given in the "Non-Agricultural Use Requirements" section under the "Directions for Use" heading of this label.

Forests

Forest site preparation, forest roadsides, brush control, and conifer release in established conifers, including Christmas trees and reforestation areas

| Site and Method of Application | Formula 40 | Specific Use Directions |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Annual Weeds</p> <p>Biennial and perennial broadleaf weeds and susceptible woody plants</p> | <p>2 to 4 pt/acre</p> <p>4 to 8 pt/acre</p> | <p>Apply when weeds are small and growing actively before the bud stage. Apply when biennial and perennial species are in the seedling to rosette stage and before flower stalks appear. For difficult to control perennial broadleaf weeds and woody species, use up to 4 qt of Formula 40 plus 1 to 4 qt of Garlon® 3A herbicide per acre.</p> |
| <p>Spot Treatment to control broadleaf weeds</p> | <p>1.28 fl oz / gal of spray solution (See Instructions for "Spot Treatment")</p> | <p>Note: To control broadleaf weeds in small areas with a hand sprayer, use an application rate equivalent to the broadcast rate recommended for this treatment site and spray to thoroughly wet all foliage. Mix 1.28 fl oz per gal of spray solution and apply through pump up sprayer or backpack sprayer. Addition of a non ionic surfactant is recommended to improve coverage. Refer to "Spot Treatment" section for instructions and rate conversion table under "Application Instructions" section of this label.</p> |
| <p>Conifer Release: Species such as white pine, ponderosa pine, jack pine, red pine, black spruce, white spruce, red spruce, and balsam fir</p> | <p>1 1/2 to 3 qt/acre</p> | <p>To control competing hardwood species such as alder, aspen, birch, hazel, and willow, apply from mid to late summer when growth of conifer trees has hardened off and woody plants are still actively growing. Apply with ground or air equipment, using sufficient spray volume to ensure complete plant. This treatment may cause occasional conifer injury. Do not apply if such injury cannot be tolerated.</p> <p>For conifer release, make application in early spring before budbreak of conifers when weeds are small and actively growing.</p> |
| <p>Directed Spray: Conifer plantations, including pine</p> | <p>4 qt/100 gal</p> | <p>Apply when brush or weeds are actively growing by directing the spray so as to avoid contact with conifer foliage and injurious amounts of spray. Apply in oil, oil-water, or water carrier in a spray volume of 10 to 100 gallons per acre.</p> |

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| Basal Spray (May also be used in Rangeland, Pastures, and Noncropland) | 8 qt/100 gal or | Thoroughly wet the base and root collar of all stems until the spray begins to accumulate around the root collar at the ground line. Wetting stems also with the mixture may aid in control. |
| Surface of Cut Stumps (May also be used in Rangeland, Pastures, and Noncropland) | 2.5 fl oz/gal of water | Apply as soon as possible after cutting trees. Thoroughly wet the cambium layer of the cut surface being careful to wet the entire circumference. |
| Frill and Girdle (May also be used in Rangeland, Pastures, and Noncropland) | | Cut frills (overlapping V-shaped notches cut downward through the bark in a continuous ring around the base of the tree) using an axe or other suitable tool. Saturate the freshly cut frills with the 2,4-D mixture. |
| Tree Injection Application (May also be used in Rangeland, Pastures, and Noncropland) | (1 to 2 ml per injection site) | To control and prevent resprouting of unwanted hardwood trees such as elm, hickory, oak, and sweetgum in forests and other non-crop areas, apply by injecting at a rate of 1 ml of undiluted Formula 40 per inch of trunk diameter as measured at breast height (DBH), approximately 4 1/2 ft above the ground. Injection sites, however, should be as close to the root collar as possible and the injection bit must penetrate the inner bark. Applications may be made throughout the year, but for best results apply between May 15 and October 15. Do not treat maples used for maple syrup production. For hard to control species such as ash, maple, and dogwood use 2 ml of undiluted Formula 40 per injection site or double the number of 1 ml injections. Note: No Worker Protection Standard worker entry restrictions or worker notification requirements apply when this product is directly injected into agricultural plants. |

Use Precautions and Restrictions:

- Do not allow sprays to contact conifer shoot growth (current year's new growth) or injury may occur.
- Do not apply to nursery seedbeds.
- For conifer release, do not use on plantations where larch is among the desired species.
- For broadcast applications, do not apply more than 8.0 pt/acre of Formula 40 per 12 month period.
- For basal spray, cut surface stumps, and frill applications, do not apply more than 16.84 pints of DMA 4 (8.0 lb of acid equivalent) per 100 gallons of spray solution.

Rangeland, Established Grass Pastures (Including Perennial Grasslands not in Agricultural Production such as Conservation Reserve Program Acres)

| Target Weeds or Woody Plants | Formula 40 (pt/acre) | Specific Use Directions |
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| Annual broadleaf weeds | 2 | For best results, apply when weeds are small and growing actively before the bud stage. Apply when musk thistles or other biennial species are in the seedling to rosette stage and before flower stalks appear. Refer to the "Weeds Controlled" section for a listing of susceptible weed species and weeds that may be only partially controlled and |
| Biennial and perennial broadleaf weeds | 2 to 4 | |

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| | | require repeat applications and/or use of higher recommended rates, even under ideal conditions of application |
| Spot Treatment to control broadleaf weeds | 1.28 fl oz / gal of spray solution (See Instructions for "Spot Treatment") | Note: To control broadleaf weeds in small areas with a hand sprayer, use an application rate equivalent to the broadcast rate recommended for this treatment site and spray to thoroughly wet all foliage. Mix 1.28 fl oz per gal of spray solution and apply through pump up sprayer or backpack sprayer. Addition of a non ionic surfactant is recommended to improve coverage. Refer to "Spot Treatment" section for instructions and rate conversion table under "Application Instructions" section of this label. |
| Woody Plants: Basal spray, cut surface, frill and girdle, and tree injection application methods | | Refer to the "Forestry Uses" section for specific use instructions for these application methods. |
| Wild garlic and wild onion | 4 | Make three applications (fall-spring-fall or spring-fall-spring) starting in late fall or early spring. |
| Broadleaf weed control in newly sprigged coastal bermudagrass | 2 to 4 | Applications may be made either preemergence or postemergence. Follow "Specific Us Directions" for Rangeland and Established Grass Pastures, above. |
| Sand shinnery oak Sand sagebrush | 2 | Sand shinnery oak: Apply by aircraft between May 15 and June 15. Sand sagebrush: Apply by ground or aircraft when foliage is fully expanded and plants are actively growing. Use a 1:4 oil-water emulsion as carrier and a spray volume of 3 to 5 gallons per acre. |
| Big sagebrush Rabbitbrush | 4 | Apply by ground or aircraft when foliage is fully expanded and plants are actively growing. Use a 1:4 oil-water emulsion as carrier and a spray volume of 3 to 5 gallons per acre. Retreatment may be needed. |
| Chamise, manzanita, buckbrush, coastal sage, coyotebrush, and chaparral species. | 4 | Apply by ground or aircraft when foliage is fully expanded and plants are actively growing. Use water or 1:4 oil-water emulsion as carrier and a spray volume of 5 to 10 gallons per acre. Retreatment may be needed. |

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| <p>Southern wild rose Broadcast application</p> <p>Spot treatment</p> | <p>up to 4</p> <p>1.28 fl oz / gal of spray solution</p> | <p>Broadcast: Apply in a spray volume of 5 or more gallons per acre by aircraft or 10 or more gallons per acre by ground equipment.</p> <p>Spot treatment: Apply when foliage is well developed. Thorough coverage is required. Mix 1.28 fl oz per gal of spray solution and apply through pump up sprayer or backpack sprayer. Addition of a non ionic surfactant is recommended to improve coverage. Two or more treatments may be required.</p> <p>Do not exceed 4 pt per acre per application.</p> |
| <p>CRP Acres</p> | <p>For program lands such as CRP, consult program rules to determine whether grass or hay may be used. The more restrictive requirements of the program rules or this label must be followed.</p> | |

Precautions and Restrictions:

- Do not use on bentgrass, alfalfa, clover, or other legumes.
- Do not use on newly seeded areas until grass is well established.
- Do not use from early boot to milk stage where natural grass reseeding is desired.
- **Preharvest Interval:** Do not harvest forage or hay from treated areas for 7 days after application.
- Do not apply within 30 days of a previous application.
- Do not apply more than 8.4 pt/acre (4.0 lb of acid equivalent) of Formula 40 per year.
- Do not make more than two applications per season.
- If grass is to be cut for hay, Agricultural Use Requirements for the Worker Protection Standard are applicable

Non-cropland

Such as fencerows, hedgerows, roadsides, drainage ditches, rights-of way, utility power lines, railroads and other non-crop areas

| Target Weeds or Woody Plants | Formula 40 (pt/acre) | Specific Use Directions |
|-------------------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Annual broadleaf weeds | 2 to 4 | <p>Apply when annual weeds are small and growing actively before the bud stage. Biennial and perennial weeds should be rosette to bud stage, but not flowering at the time of application. For difficult to control perennial broadleaf weeds and woody species, tank mix up to 4 quarts of Formula 40 plus 1 to 4 qt of Garlon 3A per acre. Oil or wetting agent may be added to the spray, if needed for increased effectiveness.</p> <p>For ground application (High volume): apply a total spray volume of 100 to 400 gallons per acre; (low volume) apply a total spray volume of 10 to 100 gallons per acre.</p> <p>For helicopter: Apply a total spray volume of 5 to 30 gallons per acre.</p> |
| Biennial and perennial broadleaf weeds | 4 | |
| Susceptible woody plants on rights-of-way | 4 - 8 | |

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| <p>Spot Treatment to control broadleaf weeds</p> | <p>1.28 fl oz / gal of spray solution (See Instructions for "Spot</p> | <p>Note: To control broadleaf weeds in small areas with a hand sprayer, use an application rate equivalent to the broadcast rates recommended for this treatment site and spray to thoroughly wet all</p> |
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| | Treatment") | foliage. Mix 1.28 fl oz per gal of spray solution and apply through pump up sprayer or backpack sprayer. Addition of a non ionic surfactant is recommended to improve coverage. Refer to "Spot Treatment" section for instructions and rate conversion table under "Application Instructions" section of this label. |
| Woody Plants: Basal spray, cut surface, frill and girdle, and tree injection application methods | | Refer to the "Forestry Uses" section for specific use instructions for these application methods. |
| Southern wild rose Broadcast application | up to 4 | Broadcast: Apply in a spray volume of 5 or more gallons per acre by aircraft or 10 or more gallons per acre by ground equipment. |
| Spot treatment | 1.28 fl oz / gal of spray solution | Apply when foliage is well developed. Thorough coverage is required. Mix 1.28 fl oz per gal of spray solution and apply through pump up sprayer or backpack sprayer. Addition of a non ionic surfactant is recommended to improve coverage. Two or more treatments may be required. |

Precautions and Restrictions:

- Do not apply to newly seeded areas until grass is well established.
- Bentgrass, St. Augustine, clover, legumes and dichondra may be severely injured or killed by this treatment.
- **Woody plants:** Do not apply more than 8.4 pt/acre (4.0 lbs acid equivalent) of Formula 40 per use season. Do not make more than one application per season.
- **Annual and perennial weeds:** Do not apply more than 4.2 pt/acre (2.0 lbs acid equivalent) of Formula 40 per application or make more than two applications per season. Do not make a repeat application within 30 days of the previous application.

Turf Uses

Grasses Grown for Seed or Sod Farms

Agricultural Use Requirements: When used in grass grown for seed or sod farms, follow PPE and reentry instructions in the "Agricultural Use Requirements" section of this label.

| Treatment Site (Application Timing) | Formula 40 (pt/acre) | Specific Use Directions |
|-----------------------------------------------------------------------------------------------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Grasses Grown for Seed (Postemergence) Seedling grass (five-leaf stage or later) | 3/4 to 1 | Apply when weeds are small and actively growing. For best results, apply when soil moisture is adequate for active weed growth. |
| Well-established grasses | 1 to 4 | Do not apply to newly seeded grasses until well established (five-leaf stage or later) and then use a maximum of 1 pt/acre. Cool season grasses are more tolerant to higher rates. For grasses grown for seed, do not apply to grass in the early boot through milk stage. When grass is well established, higher rates of up to 4 pints/acre may be applied for control of hard-to-kill annual or perennial weeds. |
| Sod Farms (Postemergence) | 2 to 4 | Deep-rooted perennials such as bindweed and Canada thistle may require repeat applications. |

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| | | Avoid mowing sod farms for 2 days before or after application. Delay irrigation until the day following application. |
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Use Precautions and Restrictions:

- Do not use on creeping grasses such as bentgrass except for spot treatment.
- Do not use on susceptible southern grasses such as St. Augustinegrass.
- Do not use on dichondra or other herbaceous ground covers; legumes may be damaged or killed.
- Do not reapply to a treated area within 21 days of a previous application.
- **Reseeding:** Delay reseeding at least 30 days following application. Preferably, with spring application, reseed in the fall and with fall application, reseed in the spring.
- **Preharvest interval:** Do not harvest grass for hay from treated areas for 7 days after application.
- Do not apply more than 8.4 pt/acre (4.0 lb of acid equivalent) of Formula 40 per year.
- Do not make more than two applications of Formula 40 per use season.

Ornamental Turf (Excluding Grasses Grown For Seed or Sod Farms)

(Includes lawns, golf courses, cemeteries and parks, airfields, roadsides, vacant lots, drainage ditch banks)

Use Requirements for Ornamental Turf Areas: When this product is applied to ornamental turf areas, follow PPE and reentry instructions in the "Non-agricultural Use Requirements" section of this label.

| Treatment Site (Application Timing) | Formula 40 (pt/acre) | Specific Use Directions |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ornamental Turf (Postemergence) Seedling grass (five-leaf stage or later) Well-established grasses Biennial and perennial broadleaf weeds | 3/4 to 1 2 to 3 3 | Apply when weeds are small and actively growing. For best results, apply when soil moisture is adequate for active weed growth. Deep-rooted perennial weeds such as bindweed and Canada thistle may require repeat applications. Do not apply to newly seeded grasses until well established (five-leaf stage or later) and then use a maximum of 1 pt/acre. Cool season grasses are tolerant of higher rates. |

Precautions, Restrictions:

- Do not use on creeping grasses such as bentgrass except for spot treatment.
- Do not use on susceptible southern grasses such as St. Augustinegrass.
- Do not use on dichondra or other herbaceous ground covers; legumes may be damaged or killed.
- **Reseeding:** Delay reseeding at least 30 days following application. Preferably, with spring application, reseed in the fall and with fall application, reseed in the spring.
- Do not make more than 2 broadcast applications per treatment site per year (does not include spot treatments).
- Do not apply more than 3 pt/acre of Formula 40 per application.
- Do not apply more than 6.3 pt/acre of Formula 40 (3.0 lb of acid equivalent) per year

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- (2) Replacement of amount of product used.

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