

34704-646

11/3/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Chris Mason Ph.D.  
Loveland Products Inc  
7251 W 4<sup>th</sup> Street  
P.O. Box 1286  
Greeley, CO 80632-1286

NOV - 3 2010

Dear Mr. Mason:

Subject: Revised Labeling  
Amine 6 2,4-D Herbicide  
EPA Registration No. 34704-646  
Your Submission dated August 6, 2010

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

- Delete the term "General" and "Recommended" in headings on the labeling. This term implies that the directions and restrictions do not all have to be followed as specified on the label. We have no objection to the phrase "Product Restrictions",

2. Submit one (1) copy of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records.

If you have any questions concerning this letter, please contact Mr. James Stone at 703-305-7391.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Kathryn V. Montague".

Kathryn V. Montague  
Product Manager 23  
Herbicide Branch  
Registration Division (7505P)

Enclosure



# AMINE 6

ACCEPTED *2 of 19*  
with COMMENTS  
In EPA Letter Dated:

NOV - 3 2010  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

*34704-646*

## 2,4-D HERBICIDE

	BY WT.
<b>ACTIVE INGREDIENT</b>	
Dimethylamine salt of 2,4-Dichlorophenoxyacetic acid .....	70.93%
<b>OTHER INGREDIENTS</b> .....	<u>29.07%</u>
<b>TOTAL</b>	<b>100.00%</b>

Equivalent to 58.9% or 6 lbs. per gallon of  
2,4-Dichlorophenoxyacetic acid

### 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 this label, find someone to explain it to you in detail.)

See Below for Additional Precautionary Statements and Directions for Use.

#### FIRST AID

<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> </ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on skin:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If Inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-866-944-8565 for emergency medical treatment information.

**Note to Physician:** If in eyes, specialized ophthalmologic attention may be necessary. If swallowed; probable mucosal damage may contraindicate gastric lavage. There is no specific antidote; treat symptomatically.

EPA REG. NO. 34704-646  
EPA EST. NO. 37507-MT-001  
NET CONTENTS 55 GALS. (208.19 L)

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**AMINE 6**  
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**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**DANGER—PELIGRO**

**Corrosive, Causes irreversible eye damage.** Harmful if swallowed. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin.

**Personal Protective Equipment (PPE)**

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber, nitrile rubber, neoprene, PVC or Viton. If you want more options, follow the instructions for category "A" on an EPA chemical-resistance category selection chart.

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

- Long-sleeved shirt and long pants,
- Shoes and socks,
- Goggles or face shield, plus
- 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.

See engineering controls for additional requirements.

**ENGINEERING CONTROLS**

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

**User Safety 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.

**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 clothes before removing. As soon as possible, wash thoroughly and change into clean clothing.

**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. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters 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.

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Fish breathe dissolved oxygen in the water and decaying weeds also use oxygen. When treating continuous, dense weed masses, it may be appropriate to treat only part of the infestation at a time. For example, apply the product in lanes separated by untreated strips that can be treated after vegetation in treated lanes has disintegrated. During the growing season, weeds decompose in a 2 to 3 week period following treatment. Begin treatment along the shore and proceed outwards in bands to allow fish to move into untreated areas. Waters having limited and less dense weed infestations may not require partial treatments.

**Groundwater Contamination:**

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

**DIRECTIONS FOR USE**

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

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

Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application.

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

**READ THE ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH CAUTIONS, WARNINGS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS. KEEP HERBICIDE IN ORIGINAL CONTAINER. DO NOT PUT CONCENTRATE OR DILUTE PRODUCT INTO FOOD OR DRINK CONTAINERS.**

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>.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**GENERAL PRECAUTIONS AND RESTRICTIONS**

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.

**PLANTING IN TREATED AREAS**

**Labeled Crops:** Crops listed as use sites on this or other registered 2,4-D labels may be planted within 29 days of AMINE 6 application. Follow more specific limitations (if listed) provided in the directions for individual crops. Labeled crops may be at risk for crop injury or loss when planted soon after application, especially in the first 14 days.

Degradation factors described below should be considered in weighing this risk.

**Other Crops:** All other crops may be planted 30 or more days following an 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 normal conditions, any crop may be planted without risk of injury if at least 90 days of soil temperatures above freezing have elapsed since application.

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**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 degradation 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.

Consult your local Agricultural Extension Service for information about susceptible crops and typical soil conditions in your area.

**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 out of any waterproof material,
- Shoes plus socks,
- Protective eyewear.

**DIRECTIONS FOR USE (continued)**

This herbicide is recommended to kill broadleaf weeds in grassy areas such as lawns, fairways, parks, playgrounds, recreational areas, along highways, railroad rights-of-way, airfields, pasture lands, sod farms, drainage ditch banks, around farm buildings and waste lands, This material will also control floating weeds on ponds and lakes.

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Do not enter or allow people (or pets) to enter the treated area until sprays have dried.

**NOTE:** For application to turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes, follow AGRICULTURAL USE REQUIREMENTS on this label.

**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) 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, 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 might 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. 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.

For ground boom applications: Do not apply with a nozzle height greater than 4 feet above the crop canopy.

## **WEED CONTROL IN PONDS AND LAKES**

### **Aquatic weed control**

The herbicidal action is quick with effects being visible in a few days. For instance, where a body of water is clogged with alligatorweed, 2.66 pints (42.5 fl oz) of this herbicide (2.0 lbs ae) is used in 100 gallons of water and applied to an acre of surface, wetting the weed thoroughly. The weed will turn brown and begin to sink by the third week. It should be sprayed again to control the sprouts that have emerged from the nodes which exist between the stem and branches of the weed. These nodes are not connected to the vascular system of the plant and were not present at the original spraying. This application also controls water hyacinths and water lettuce. Ground spraying

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equipment is suggested. When aerial applications are made, they should be made with the approval of the local environmental agency. Coarse sprays are less likely to drift.

Treatment of aquatic weeds can result in oxygen loss from decomposition of dead weeds. This loss can cause fish suffocation. Therefore, to minimize this hazard treat one-third to one-half of the water area in a single operation and wait at least 10 to 14 days between treatments. Begin treatment along the shore and proceed outwards in bands to allow fish to move into untreated areas. Consult your State Fish and Game Agency before applying this product to public waters.

### **Ditchbank application**

**Postemergence:** Limited to 2 applications per season. Use a maximum of 2.66 pints product (2.0 lbs ae) per acre per application. Minimum of 30 days between applications. Spot treatment permitted.

Do not use on small canals with a flow rate less than 10 cubic feet per second (CFS) where water will be used for drinking purposes. CFS may be estimated by using the formula below. The approximate velocity needed for the calculation can be determined by observing the length of time that it takes a floating object to travel a defined distance. Divide the distance (ft.) by the time (sec.) to estimate velocity (ft. per sec.). Repeat 3 times and use the average to calculate CFS.

Average Width (ft.) x Average Depth (ft.) x Average Velocity (ft. per sec.) = CFS

**For ditchbank weeds:** Do not allow boom spray to be directed onto water surface. Do not spray across stream to opposite bank.

**For shoreline weeds:** Allow no more than 2 foot overspray onto water.

**Floating and Emergent Weeds:** Use a maximum of 5.3 pints product (4.0 lbs ae) per surface acre per application. Limited to 2 applications per season. Minimum of 21 days between applications. Spot treatments are permitted.

Apply to emergent aquatic weeds in ponds, lakes, reservoirs, marshes, bayous, drainage ditches, non-irrigation canals, rivers, and streams that are quiescent or slow moving. Coordination and approval of local and state authorities may be required, either by letter of agreement or issuance of special permits for aquatic applications.

### **Water Use**

#### **1. Water for irrigation or sprays:**

A. If treated water is intended to be used only for crops or non-crop areas that are labeled for direct treatment with 2,4-D such as pastures, turf, or cereal grains, the treated water may be used to irrigate and/or mix sprays for these sites at anytime after the 2,4-D aquatic application.

B. Due to potential phytotoxicity considerations, the following restrictions are applicable: If treated water is intended to be used to irrigate or mix sprays for plants grown in commercial nurseries and greenhouses; and other plants or crops that are not labeled for direct treatment with 2,4-D, the water must not be used unless one of the following restrictions has been observed:

- i. A setback distance from functional water intake(s) of greater than or equal to 600 ft. was used for the application, or,
- ii. A waiting period of 7 days from the time of application has lapsed, or,
- iii. An approved assay indicates that the 2,4-D concentration is 100 ppb (0.1 ppm) or less at the water intake. Wait at least 3 days after application before initial sampling at water intake.

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**2. Drinking water (potable water):**

- A. Consult with appropriate state or local water authorities before applying this product to public waters. State or local agencies may require permits. The potable water use restrictions on this label are to ensure that consumption of water by the public is allowed only when the concentration of 2,4-D in the water is less than the MCL (Maximum Contaminant Level) of 70 ppb. Applicators should consider the unique characteristics of the treated waters to assure that 2,4-D concentrations in potable water do not exceed 70 ppb at the time of consumption.
- B. For floating and emergent weed applications, the drinking water setback distance from functioning potable water intakes is greater than or equal to 600 ft.
- C. If no setback distance of greater than or equal to 600 ft. is used for application, applicators or the authorizing organization must provide a drinking water notification prior to a 2,4-D application to the party responsible for public water supply or to individual private water uses. Notification to the party responsible for a public water supply or to individual private water users must be done in a manner to assure that the party is aware of the water use restrictions when this product is applied to potable water.

The following is an example of a notification via posting, but other methods of notification which convey the above restrictions may be used and may be required in some cases under state or local law or as a condition of a permit.

**Example:**

Posting notification should be located every 250 feet including the shoreline of the treated area and up to 250 feet of shoreline past the application site to include immediate public access points. Posting must include the day and time of application. Posting may be removed if analysis of a sample collected at the intake 3 or more days following application shows that the concentration in the water is less than 70 ppb (100 ppb for irrigation or sprays), or after 7 days following application, whichever occurs first.

**Text of notification:** Wait 7 days before diverting functioning surface water intakes from the treated aquatic site to use as drinking water, irrigation, or sprays, unless water at functioning drinking water intakes is tested at least 3 days after application and is demonstrated by assay to contain not more than 70 ppb 2,4-D (100 ppb for irrigation or sprays). Application Date: \_\_\_\_\_ Time: \_\_\_\_\_

- D. Following each application of this product, treated water must not be used for drinking water unless one of the following restrictions has been observed:
  - i. A setback distance from functional water intake(s) of greater than or equal to 600 ft. was used for the application, or,
  - ii. A waiting period of at least 7 days from the time of application has elapsed, or,
  - iii. An approved assay indicates that the 2,4-D concentration is 70 ppb (0.07 ppm) or less at the water intake. Sampling for drinking water analysis should occur no sooner than 3 days after 2,4-D application. Analysis of samples must be completed by a laboratory that is certified under the Safe Drinking Water Act to perform drinking water analysis using a currently approved version of analytical Method Number 515, 555, other methods for 2,4-D as may be listed in Title 40 CFR, Part 141.24, or Method Number 4015 (immunoassay of 2,4-D) from U.S. EPA Test Methods for Evaluating Solid Waste SW-846.
- E. Note: Existing potable water intakes that are no longer in use, such as those replaced by a connection to a municipal water system or a potable water well, are not considered to be functioning potable water intakes.



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F. Drinking water setback distances do not apply to terrestrial applications of 2,4-D adjacent to water bodies with potable water intakes.

3. Except as stated above, there are no restrictions on using water from treated areas for swimming, fishing, watering livestock or domestic purposes.

**Submersed Weeds**

Use a maximum of 14.3 pints product (10.8 lbs ae) per acre-foot per application. Limited to 2 applications per season.

Apply to aquatic weeds in ponds, lakes, reservoirs, marshes, bayous, drainage ditches, nonirrigation canals, rivers, and streams that are quiescent or slow moving. Do not apply within 21 days of previous application. When treating moving bodies of water, applications must be made while traveling upstream to prevent concentration of 2,4-D downstream from the application. Coordination and approval of local and state authorities may be required, either by letter of agreement or issuance of special permits for such use.

**Table 1. Amount of 2,4-D to Apply for a Target Subsurface Concentration**

Surface Area	Average Depth	For typical conditions - 2 ppm 2,4-D ae/acre-foot	For difficult conditions* - 4 ppm 2,4-D ae/acre-foot
1 acre	1 ft.	5.4 lbs	10.8 lbs
	2 ft.	10.8 lbs	21.6 lbs
	3 ft.	16.2 lbs	32.4 lbs
	4 ft.	21.6 lbs	43.2 lbs
	5 ft.	27.0 lbs	54.0 lbs

\* Examples include spot treatment of pioneer colonies of Eurasian Water Milfoil and certain difficult to control aquatic species.

**Water Use:**

**1. Water for irrigation or sprays:**

- A. If treated water is intended to be used only for crops or non-crop areas that are labeled for direct treatment with 2,4-D such as pastures, turf, or cereal grains, the treated water may be used to irrigate and/or mix sprays for these sites at anytime after the 2,4-D aquatic application.
- B. Due to potential phytotoxicity and/or residue considerations, the following restrictions are applicable: If treated water is intended to be used to irrigate or mix sprays for unlabeled crops, noncrop areas or other plants not labeled for direct treatment with 2,4-D, the water must not be used unless one of the following restrictions has been observed:
  - i. A setback distance described in the Drinking Water Setback Table was used for the application, or,
  - ii. A waiting period of 21 days from the time of application has elapsed, or,
  - iii. An approved assay indicates that the 2,4-D concentration is 100 ppb (0.1 ppm) or less at the water intake. See Table 3 for the waiting period after application but before taking the initial sampling at water intake.

**2. Drinking water (potable water):**

- A. Consult with appropriate state or local water authorities before applying this product to public waters. State or local agencies may require permits. The potable water use restrictions on this label are to ensure that consumption of water by the public is allowed only when the concentration of 2,4-D in the water is less than the MCL (Maximum Contaminant Level) of 70 ppb. Applicators should consider the unique characteristics of the treated waters to assure that 2,4-D concentrations in potable water do not exceed 70 ppb at the time of consumption.

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- B. For submersed weed applications, the drinking water setback distances from functioning potable water intakes are provided in Table 2. Drinking Water Setback Distance (below).
- C. If no setback distance from the Drinking Water Setback Table (Table 2) is to be used for the application, applicators or the authorizing organization must provide a drinking water notification and an advisory to shut off all potable water intakes prior to a 2,4-D application. Notification to the party responsible for a public water supply or to individual private water users must be done in a manner to assure that the party is aware of the water use restrictions when this product is applied to potable water. The following is an example of a notification via posting, but other methods of notification which convey the above restrictions may be used and may be required in some cases under state or local law or as a condition of a permit.

**Example:**

Posting notification should be located every 250 feet including the shoreline of the treated area and up to 250 feet of shoreline past the application site to include immediate public access points. Posting should include the day and time of application. Posting may be removed if analysis of a sample collected at the intake no sooner than stated in Table 3 (below) shows that the concentration in the water is less than 70 ppb (100 ppb for irrigation or sprays), or after 21 days following application, whichever occurs first.

Text of notification: Wait 21 days before diverting functioning surface water intakes from the treated aquatic site to use as drinking water, irrigation, or sprays, unless water at functioning drinking water intakes is tested no sooner than (insert days from Table 3) and is demonstrated by assay to contain not more than 70 ppb 2,4-D (100 ppb for irrigation or sprays).

Application Date: \_\_\_\_\_ Time: \_\_\_\_\_

- D. Following each application of this product, treated water must not be used for drinking water unless one of the following restrictions has been observed:
- i. A setback distance described in the Drinking Water Setback Distance Table was used for the application, or,
  - ii. A waiting period of at least 21 days from the time of application has elapsed, or,
  - iii. An approved assay indicates that the 2,4-D concentration is 70 ppb (0.07 ppm) or less at the water intake. Sampling for drinking water analysis should occur no sooner than stated in Table 3. Analysis of samples must be completed by a laboratory that is certified under the Safe Drinking Water Act to perform drinking water analysis using a currently approved version of analytical Method Number 515, 555, other methods for 2,4-D as may be listed in Title 40 CFR, Part 141.24, or Method Number 4015 (immunoassay of 2,4-D) from U.S. EPA Test Methods for Evaluating Solid Waste SW-846.
- E. Note: Existing potable water intakes that are no longer in use, such as those replaced by a connection to a municipal water system or a potable water well, are not considered to be functioning potable water intakes.
- F. Drinking water setback distances do not apply to terrestrial applications of 2,4-D adjacent to water bodies with potable water intakes.
3. Except as stated above, there are no restrictions on using water from treated areas for swimming, fishing, watering livestock or domestic purposes.

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**Table 2. Drinking Water Setback Distance for Submersed Weed Applications**  
**Application Rate and Minimum Setback Distance (feet) From Functioning Potable Water Intake**

Application Rate	1 ppm*	2 ppm*	3 ppm*	4 ppm*
Minimum Setback Distance (feet)	600	1200	1800	2400

\* ppm acid equivalent target water concentration

**Table 3. Sampling for Drinking Water Analysis After 2,4-D Application for Submersed Weed Applications**

Minimum Days After Application Before Initial Water Sampling at the Functioning Potable Water Intake				
Application Rate	1 ppm*	2 ppm*	3 ppm*	4 ppm*
Minimum Days	5	10	10	14

\* ppm acid equivalent target water concentration

**SELECTIVE WEEDING IN CROPS**

For control of broadleaved susceptible weeds in crops tolerant to 2,4-D, apply this herbicide in sufficient water to give uniform coverage of the weeds. Volume of water depends largely on type of spray equipment. Do not use on crops under-seeded with legumes. In general, weeds are most easily killed when young and actively growing.

**CROPS**

**ASPARAGUS**

Apply 1.87 to 2.4 pts AMINE 6 (1.4 to 1.8 lbs ae) in about 60 gals of water per acre for ground application and 12 gals per acre for air application. Apply on actively growing weeds, usually in April or May. If spears are present, treat immediately after cutting. Make no more than 2 applications during the harvest season and these should be spaced at least one month apart. Spears contacted by the spray may be malformed and off-flavored. If malformed, spears should be cut immediately and discarded. Post-harvest spraying should be only by ground rig using drop nozzles to avoid spraying the fern. Applications should be spaced a minimum of 30 days between applications. Make no more than a maximum of 2.66 pts product (2.0 lbs ae) per acre per application. The preharvest interval (PHI) is 3 days.

**CEREAL GRAINS (WHEAT, BARLEY, MILLET, OATS, AND RYE)**

**General Restrictions:** The preharvest interval (PHI) is 14 days. Do not exceed the rate of 2.33 pints product (1.75 lbs ae) per acre per crop cycle.

**Postemergence:** Limited to one postemergence application per crop cycle. Use a maximum of 1.66 pints product (1.25 lbs ae) per acre per application.

**Preharvest:** Limited to one preharvest application per crop cycle. Use a maximum of 0.66 pints product (0.5 lbs ae) per acre per application.

**Fall-Planted Wheat, Oats and Barley:** (Postemergence). Use the preferred rate of 1 to 1.5 pints of this product (.75 to 1.12 lb ae) in 5 to 10 gallons of water to cover one acre. Apply in early spring when weeds are small and before the crop has reached the boot stage (Feekes stage 10). Do not forage or graze treated grain heads within 2 weeks after treatment with 2,4-D.

**Spring-Planted Wheat, Oats and Barley:** (Postemergence). Use the preferred rate of 1 pint of this product (.75 lb ae) in 5 to 10 gallons of water to cover one acre. Apply after the fully tillered stage (Feekes stage 5). Do not make postemergence applications between the boot and dough stage (Feekes Stages 10.0 – 11.2). Oats are more sensitive to 2,4-D than other grains and should be sprayed in the spring when well established; after wheat is tillered and before jointing (between Feekes stages 3 to 8).

Do not feed treated straw to livestock.

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**CORN**

**Field and Pop:**

**General Restrictions:** Do not use treated crop as fodder for 7 days following application.

The preharvest interval (PHI) is 7 days. Use a maximum of 4 pints product (3 lbs ae) per acre per crop cycle.

**Preplant or preemergence:** Limited to one preplant or preemergence application per crop cycle. Use a maximum of 1.33 pints product (1.0 lb ae) per acre per application.

**Postemergence:** Limited to one postemergence application per crop cycle. Use a maximum of .66 pints product (0.5 lb ae) per acre per application.

**Preharvest:** Limited to one preharvest application per crop cycle. Use a maximum of 2 pints product (1.5 lbs ae) per acre per application.

Use .66 - 1.33 pint of this product (.5 to 1 lb ae) in 5 to 10 gallons of water to cover one acre when weeds are in active growth. Local climatic conditions determine when treatment should be made. Best results are usually obtained when plants are 4 to 10 inches tall. Do not cultivate soon after spraying while plants are brittle.

**Corn, sweet:**

**General Restrictions:** Do not use treated crop as fodder for 7 days following application. The preharvest interval (PHI) is 45 days. Minimum of 21 days between applications. Use a maximum of 2 pints product (1.5 lbs ae) per acre per crop cycle.

**Preplant or preemergence:** Limited to one preplant or preemergence application per crop cycle. Use a maximum of 1.33 pints product (1.0 lb ae) per acre per application.

**Postemergence:** Limited to one postemergence application per crop cycle.

Use a maximum of .66 pints product (0.5 lb ae) per acre per application.

**POME FRUITS — APPLE AND PEAR ORCHARDS—Non-Bearing trees (well established, one year or older) and Bearing trees before and after bloom:** Use 1.87 pts product (1.4 lbs ae) in 20 to 50 gals of water per acre of ground sprayed. For band or spot treatment calculate rates according to the actual portion of an acre treated. Apply as a directed spray onto the weeds to point of runoff when weeds are young and actively growing (pre-bud to early stage). The preharvest interval (PHI) is 14 days. Do not cut orchard floor forage for hay within 7 days of application. Use a maximum of 2.66 pts AMINE 6 (2.0 lbs ae) per acre per application. Limited to 2 applications per crop cycle. Observe a minimum of 75 days between applications.

**RICE**

**General Restrictions:** The preharvest interval (PHI) is 60 days. Do not use more than 2.0 pints product (1.5 lbs ae) per acre per crop cycle.

**Preplant:** Limited to one preplant application per crop cycle. Do not exceed the maximum of 1.33 pints product per acre (1.0 lbs ae) per acre per preplant application.

**Postemergence:** Limited to one postemergence application per crop cycle. Use a maximum of 2.0 pints product (1.5 lbs ae) per acre per postemergence application.

For postemergence applications use a maximum of 2.0 pints of this product (1.5 lb ae) in 5 to gallons of water to cover one acre when weeds are in active growth stage. Rice plants are sensitive to 2,4-D in early stages of growth and it is advisable to delay spraying until second or third week after flooding. Water in the field should be shallow enough to permit direct application of the spray material to the weeds. Make all treatments well in advance of heading. If a preplant application is made, the postemergence application must be reduced to not use any more than the maximum of 2.0 pints product per crop cycle.

**RICE, WILD** (For use in Minnesota only.)

The preharvest interval (PHI) is 60 days.

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**Postemergence:** Limited to 1 application per crop cycle. Use a maximum of 0.33 pints of product (0.25 lb ae) per acre per application.

**SORGHUM**

**General restrictions:** The preharvest interval (PHI) is 30 days. Do not permit meat or dairy animals to consume treated crop as fodder or forage for 30 days following application.

**Postemergence:** Limited to 1 application per crop cycle. Use a maximum of 1.33 pints product (1.0 lb ae) per acre per application.

**FOR USE IN CROP RESIDUE MANAGEMENT SYSTEMS IN SOYBEANS (Preplant only):**  
**General Information**

AMINE 6 is a phenoxy-type herbicide that provides postemergence control of many susceptible annual and perennial broadleaf weeds. AMINE 6 may be applied prior to planting soybeans to provide foliar burndown control of susceptible annual and perennial broadleaf weeds and certain broadleaf cover crops such as those listed on this label. AMINE 6 should only be applied preplant to soybeans in situations such as reduced tillage production systems, where emerged weeds are present. Apply only according to the application instructions given below. Do not use any tillage operations between application of AMINE 6 and planting of soybeans. **Restrictions:** The maximum rate per crop cycle is 1.33 pts (1.0 lb ae) per acre. Limit of 1 application per crop cycle. Use a maximum of 1.33 pts AMINE 6 (1.0 lb ae) per acre per preplant application. Apply not less than 30 days prior to planting soybeans.

**Mixing Instructions**

Compatible crop oil concentrates, agricultural surfactants and fluid fertilizers approved for use on growing crops may increase the herbicidal effectiveness of AMINE 6 on certain weeds and may be added to the spray tank. Read and follow all directions and precautions on this label and on the label of each product added to the spray mixture.

**Application Procedures**

Apply using air or ground equipment in sufficient gallonage to obtain adequate coverage of weeds. Use 2 or more gals of water per acre in aerial equipment and 10 or more gals of spray mixture per acre for ground equipment.

**Application Timing and Use Rates**

Maximum Rate Per Acre	When to apply (Days prior to planting soybeans)
1.33 pints	NOT LESS THAN 30 DAYS

**STONE FRUIT AND NUT ORCHARDS (including pistachios)**—For control of annual broadleaf weeds in the orchard floor, apply a maximum of 2.66 pts product (2.0 lbs ae) per acre. Apply using coarse sprays and low pressure in sufficient volume of water to obtain thorough wetting of weeds.

**Stone Fruits:** The preharvest interval (PHI) is 40 days. Do not cut orchard floor forage or hay within 7 days of application. Postemergence: Limited to 2 applications per crop cycle. Maximum of 2.66 pts AMINE 6 (2.0 lbs ae) per acre per application. Observe a minimum of 75 days between applications.

**Filberts:** The preharvest interval (PHI) is 45 days. Wait a minimum of 30 days between applications. Make a maximum of 4 applications per year. Use a maximum of 1.33 pts AMINE 6 (1.0 lb ae) per 100 gals of spray solution per application.

**Pistachios and other Tree Nuts:** Do not cut orchard floor forage or hay within 7 days of application. The preharvest interval (PHI) is 60 days. Postemergence: Limited to 2 applications per year. Use a maximum of 2.66 pts AMINE 6 (2.0 lbs ae) per acre per application. Observe a minimum of 30 days between applications.

**Precautions in applying AMINE 6 in Orchards**

When applying AMINE 6 in orchards, apply only after irrigation and allow maximum time before the

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next irrigation. Do not apply around fruit trees with handgun. Use only flat, fan-typed nozzles and low pressure-20 to 30 lbs. Use a fixed-boom application which can be calibrated and will deposit the spray uniformly. Apply precisely and uniformly to prevent damage to the trees and to obtain satisfactory weed control. Do not apply during windy periods or extremely high temperatures. Do not use on light, sandy soil. Application to bare ground may result in injury. Do not allow spray to drift or contact foliage, fruit, stems, trunk of trees, or exposed roots, as injury may result. Trees must be at least 1 year old and in vigorous condition before application is made. Do not apply during bloom.

**STRAWBERRIES**

**General Restrictions:** Do not apply in California or Florida.

**Dormant or after last picking:** Limited to 1 application per crop cycle. Maximum of 2.0 pts (1.5 lbs ae) per acre per application.

To control broadleaf weeds in established strawberry plantings, apply 1.2 to 2.0 pts AMINE 6 in 25 to 50 gals of water per acre. Apply in early spring when strawberries are dormant or immediately after the last picking. Do not apply unless possible injury to the crop is acceptable. Follow recommendations of State Extension Weed or Horticultural Specialist in your area.

**SUGARCANE**

**General Restrictions:** Do not harvest cane prior to crop maturity. Do not apply more than 5.33 pints product (4 lbs ae) per acre per crop cycle.

**Preemergence:** Limited to one application per crop cycle. Use a maximum of 2.66 pints product (2.0 lbs ae) per acre per application.

**Postemergence:** Limited to one application per crop cycle. Use a maximum of 2.66 pints product (2.0 lbs ae) per acre per application.

Use 2 pints of this product (1.5 lbs ae) per acre as fall and spring drill (or band) sprays, and 2.5 pints of this product (1.8 lbs ae) per acre as blanket spray immediately after layby, to aid in control of Johnsongrass seedlings and susceptible broadleaved weeds.

**SUGARCANE - HAWAII ONLY**

**Crop-Specific Use Restrictions**

Apply .37 to .75 pts AMINE 6 per acre per application as required. Do not harvest cane prior to crop maturity. Do not apply more than 5.33 pts AMINE 6/acre (4 lbs ae/acre) per year.

**Preemergence:** Limited to one application per crop cycle. Do not exceed a maximum of 2.66 pts AMINE 6/acre (2.0 lbs ae/acre) per application.

**Post emergence:** Do not exceed a maximum of 2.66 pts AMINE 6/acre (2.0 lbs ae/acre) per application. Layby applications may be made, but crop damage may occur in some sugarcane cultivars.

**Do not apply this product in a manner that allows spray to drift from the application target site and/or harm to humans, animals or other non-target sites.**

For the Islands of Maui and Kauai, the general wind restriction is raised to 20 MPH. When applying in winds in excess of 15 MPH, the following requirements are in effect:

**Aerial Applications:** Aerial applicators must:

- No application shall be made within a distance of 1000 feet of sensitive areas such as Nature Preserves, Wildlife Refuges, Parks, Lakes, Reservoirs, Rivers, Streams, Non-irrigation Canals, Natural Ponds, Estuaries, Wetlands, Intertidal Areas, Ecologically Significant Grasslands, homes, public or private buildings, or fields with crops other than sugarcane whenever these sensitive areas are downwind from the spray areas and subject to possible spray drift. In instances where these sensitive areas are upwind from the spray area, the minimum restricted distance shall be 300 feet.
- Apply only as a coarse or coarser spray (ASAE standard 572 or a volume mean diameter of 385 microns).

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- Use a spray drift retardant and/or other measures known to control drift.
- **Ground Broadcast Applications:** For ground applications, applicators must:
  - Apply by ground boom with nozzle height no more than 2 feet above ground (pre-emergence) or crop canopy (post emergent broadcast) applications or, for directed sprays, no more than 1 foot above the ground, or 1.25 ft (15 inches) for better spray patterns without boom levelers on uneven terrain.
  - Apply only as a coarse or coarser spray (ASAE standard 572) or a volume mean diameter of 385 microns.
- Use spray drift retardants and/or other measures known to control drift.

**Recommended applications techniques to reduce off-site drift include**, but are not limited to, the use of hooded or shielded sprayers or other means to reduce drift.

**THE FOLLOWING WEEDS ARE CONTROLLED WHEN SPRAYED IN ACCORDANCE WITH THE DIRECTIONS HEREON:**

Alligatorweed	Chicory	Honeysuckle	Poorjoe	Sunflower
Arrowhead	Cocklbur	Indigo	Puncturevine	Thistles
Beggarweed	Creeping jenny	Ironweed	Purslane	Virginia creeper
Bindweed	Cudweed	Jimsonweed	Ragweed	Water hyacinth
Bitter watercress	Curly indigo	Lambsquarters	Red sorrel	Waterlily
Boxelder	Dichondra	Locoweed	Rush	Water lettuce
Buckhorn	Dogfennel	Morningglory	Russian thistle	Water primrose
Bullthistle	Duckweed	Mullein	Sagebrush	Wild garlic
Bullrush	Elderberry	Mustard	Shepherdspurse	Wild lettuce
Burdock	Falsedandelion	Parrot feather	Smartweed	Wild onion
Buttercup	Geranium	Penneywort	Sowthistle	Wild radish
Canada thistle	Goldenrod	Pepperweed	Spanish needles	Willow
Carpetweed	Hemp	Pigweed	Spicy amaranth	Witchweed
Catnip	Henbit	Poison ivy	Stinkweed	
Chickweed	Hoary cress	Poisonweed	Sumac	

Users should note that herbicide treatment of public waters requires a permit from appropriate state agencies in most states. Consult your State Fish and Game Agency before applying this product to public waters.

**GRASSES**

**General Restrictions:** Limited to 2 applications per year. Use a maximum of 2 pts Amine 6 (1.5 lbs ae) per acre per application. The maximum seasonal rate is 4 pts Amine 6 (3.0 lbs ae) per acre, excluding spot treatments.

In established turf and lawns, use .5 to 2 pints of this product (.37 to 1.5 lb ae) per acre - the light rate on more easily injured grasses. For small areas, use .25 to 1 fluid ounce (.5 to 2 tablespoons) of this product per 1000 sq. ft.; mix in 3 to 5 gallons of water and apply uniformly over the area. Fall or spring is best time to treat. Repeated treatments may be needed for less susceptible weeds, although the limit on turf broadcast applications is 2 per year. Retreatment may be needed the following year. Treatments will kill or injure legumes. White clover (including Ladino) may be injured by a light application, but recovers; repeated treatments may kill it (limit on turf broadcast applications is 2 per year). In some areas bentgrasses, carpetgrass, buffalograss, St. Augustine grass and dichondra may be injured. Usually the colonial bentgrasses are more tolerant than the creeping types; and the velvetgrasses are most easily injured.

**Grass Grown for Seed or Sod:** Limited to 2 applications per year. Use a maximum of 2.0 pints product (1.5 lbs ae) per acre per application. The maximum seasonal rate is 4 pints product (3.0 lbs ae) per acre, excluding spot treatments. In grass seed fields use 1 to 2 pints of this product (.75

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to 1.5 lb ae) per acre, using the higher rate where weed stands are heavy and for hard-to-kill species. Make application in spring before head comes into boot.

Newly seeded turf should not be treated until after the second mowing and the lower dosage should be used. Do not graze dairy animals on treated areas within 7 days after application. Do not graze meat animals on treated areas within 3 days before slaughter. Do not cut treated grass for hay within 30 days after application.

**Turf, ornamental (golf courses, cemeteries, parks, sports fields, turfgrass, lawns and other grass areas)**

**General Restrictions:**

**Postemergence:** Limited to 2 applications per year. Use a maximum of 2.0 pints product (1.5 lbs ae) per acre per application. The maximum seasonal rate is 4 pints product (3.0 lbs ae) per acre, excluding spot treatments.

**FALLOWLAND AND CROP STUBBLE**

Apply 0.6 to 1.8 pts AMINE 6 per acre on annual broadleaf weeds and up to 2.66 pts per acre on established perennial species. Apply to actively growing weeds. See Planting In Treated Areas section. Do not graze dairy animals on treated areas within 7 days after application. Do not graze meat animals on treated areas within 3 days before slaughter. Do not cut treated grass for hay within 30 days after application. Plant only labeled crops within 29 days following application. Limited to 2 applications per year. Maximum of 2.66 pts AMINE 6 (2.0 lbs ae) per acre per application. Minimum of 30 days between applications.

**FORESTRY (FOREST SITE PREPARATION, FOREST ROADSIDES, BRUSH CONTROL, ESTABLISHED CONIFER RELEASE, CHRISTMAS TREES, REFORESTATION AREAS)**

**Forest Site Preparation**

To control alder, susceptible broadleaf weeds, and susceptible woody plants before planting forest seedlings, apply 2.6 to 5.3 pts AMINE 6 in 5 to 25 gals of water, per acre. To provide uniform uptake of product, apply when sufficient foliage exists.

**Broadcast application:** Limited to 1 broadcast application per year. Apply a maximum of 5.33 pts AMINE 6 (4.0 lbs ae) per acre per broadcast application.

To control alder, susceptible broadleaf weeds, and susceptible woody plants before planting forest seedlings, apply 2.6 to 5.3 pts AMINE 6 in 5 to 25 gals of water, per acre. To provide uniform uptake of product, apply when sufficient foliage exists.

**Forest Conifer Release**

To control alder, susceptible broadleaf weeds, and susceptible woody plants in conifer plantations, apply 1.2 to 3.7 pts AMINE 6 (.93 to 2.8 lbs ae) per acre in a minimum of 5 gals spray mixture per acre. For best results, apply in the spring before budbreak or after budset in late summer to help reduce risk of conifer injury. Certain conifer species are less tolerant to 2,4-D and injury will occur with application. Consult your local university or Agricultural Extension Service Specialist for more specific information on rates and timing of applications.

**Forestry-Tree Injection**

For controlling species such as alder, aspen, birch, blackgum, cherry, oak, poplar spp., sweetgum, and tulip poplar, make injections or cuts around the tree or stem, using one injection or cut per inch of trunk diameter. For resistant species such as hickory, injection cuts should touch. For best results, injections should be made during the growing season, May 15 to October 15.

**For concentrate injections or stump treatments: Injection:** Limit to one injection application per year. Use .6 to 1.3 ml of undiluted AMINE 6 (no more than 4.0 lbs ae) formulation per injection site.



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The injection bit must penetrate the inner bark.

**Basal spray, Cut Surface - Stumps, and Frill:** Limit of one basal spray or cut surface application per year. Maximum of 10.6 pts AMINE 6 (8.0 lbs ae) per 100 gals of spray solution.

**PASTURE AND RANGELAND (ESTABLISHED GRASS PASTURES, RANGELAND, AND PERENNIAL GRASSLANDS NOT IN AGRICULTURAL PRODUCTION)**

**General Restrictions:** Do not cut forage for hay within 7 days of application.

**Postemergence:** For susceptible annual and biennial broadleaf weeds: Use 1.33 pints product (1.0 lbs ae) per acre per application. For moderately susceptible biennial and perennial broadleaf weeds: Use 1.33 - 2.66 pints product (1.0 to 2.0 lbs ae) per acre per application. For difficult to control weeds and woody plants: Use 2.66 pints product (2.0 lbs ae) per acre per application.

**Spot treatment:** Use 2.66 pints product (2.0 lbs ae) per acre. Maximum of two applications per year. Maximum of 4.0 lbs ae/acre per year. Minimum of 30 days between applications. If grass is to be cut for hay, Agricultural Use Requirements for the Worker Protection Standard are applicable.

**General Instructions for Non-Crop Sites:** Where crops are not involved and for spot treatment, use 1 to 2 pints of this product (0.75 to 1.5 lb ae) per acre in sufficient water to thoroughly wet weeds. Bindweed, whitetop, perennial sow thistle, blue lettuce, burr ragweed, Canada thistle and other noxious perennials somewhat resistant to 2,4-D will require repeated treatments to kill. Apply on vigorous spring growth to early bloom stage and on fall regrowth.

To control small areas of woody plants, such as willows, honeysuckle, Virginia creeper, alders, and others susceptible to 2,4-D, use 2 pints of this product (1.5 lb ae) in 100 gals. water; spray to thoroughly wet plants when in full leaf. Retreat as necessary to control regrowth and seedlings. In general, it is better to cut tall woody growth and spray suckers when 2 to 4 ft. high.

**NONSELECTIVE WEED CONTROL AND PREVENTION OF SEED FORMATION**

**Non-Cropland (fencerows, hedgerows, roadsides, ditches, rights-of-way, utility power lines, railroads, airports, and industrial sites)**

**General Restrictions:**

**Postemergence (annual and perennial weeds):** Limited to 2 applications per year. Use a maximum of 2.66 pints product (2.0 lbs ae) per acre per application. Minimum of 30 days between applications.

**Postemergence (woody plants):** Limited to 1 application per year. Use a maximum of 5.33 pints product (4.0 lbs ae) per acre per year. 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.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Do not store below temperature of 45° F. If frozen, warm to 90° F and redissolve before using by rolling or shaking the container. Store in safe manner. Store in original container only. Store in a cool, dry place. Keep container tightly closed when not in use. Reduce stacking height where local conditions can affect package strength. Personnel should use clothing and equipment consistent with good pesticide handling. Do not store under conditions which might adversely affect the container or its ability to function properly.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law and may contaminate groundwater. 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 DISPOSAL: Nonrefillable container.** Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be

**Storage & Disposal cont'd.:**

allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer, or contact The Agricultural Container Recycling Council (ACRC) at [www.acrecycle.org](http://www.acrecycle.org). If not recycled, then puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

**For packages up to 5 gallons: 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  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

**For packages greater than 5 gallons and less than 56 gallons: Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container  $\frac{1}{4}$  full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

**For packages greater than 56 gallons:** To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

**For refillable containers:** 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 mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

**For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC – 1-800-424-9300.**

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

**BEFORE BUYING OR USING THIS PRODUCT**, read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary in any way.

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Follow the Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop or other plant injury, ineffectiveness, or other unintended consequences may result from such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this product's label, or use of this product contrary to the label instructions, all of which are beyond the control of LOVELAND PRODUCTS, INC. and the seller. The buyer or user of this product assumes all such inherent risks.

Subject to the foregoing inherent risks, LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when the product is used in strict accordance with such Directions for Use under normal conditions of use. EXCEPT AS WARRANTED IN THIS LABEL AND TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS PRODUCT IS SOLD "AS IS," AND LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ELIGIBILITY OF THIS PRODUCT FOR ANY PARTICULAR TRADE USAGE.

IN THE UNLIKELY EVENT THAT BUYER OR USER BELIEVES THAT LOVELAND PRODUCTS, INC. HAS BREACHED A WARRANTY CONTAINED IN THIS LABEL AND TO THE EXTENT REQUIRED BY APPLICABLE LAW, BUYER OR USER MUST SEND WRITTEN NOTICE OF ITS CLAIM TO THE FOLLOWING ADDRESS: LOVELAND PRODUCTS, INC., ATTENTION: LAW DEPARTMENT, P.O. BOX 1286, GREELEY, CO 80632-1286.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT, INCLUDING BUT NOT LIMITED TO CLAIMS OF BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, STRICT LIABILITY, OR OTHER TORTS, SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

**FORMULATED FOR**



**P.O. BOX 1286 GREELEY, COLORADO 80632-1286**