Intended for Directed Applications to Emerged Broadleaf Weeds in Established Plantings of Pome Fruits, Stone Fruits and Tree Nuts

ACTIVE INGREDIENTS:
- Dimethylamine salt of 2,4-dichlorophenoxyacetic acid 33.2%
- Diethanolamine salt of 2,4-dichlorophenoxyacetic acid 16.3%

INERT INGREDIENTS 50.5%
TOTAL 100.0%

See attached booklet for complete Precautionary Statements and Directions for Use (including First Aid, Agricultural Use Requirements, and Storage and Disposal).

KEEP OUT OF REACH OF CHILDREN
DANGER - PELIGRO
Si Usted no entiende la etiqueta, busque a alguien para que se la explique a Usted en detalle. (If you do not understand the label, find some one to explain it to you in detail.)

FIRST AID If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes. Call a poison control center or doctor for treatment advice. If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to 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 treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-877-800-5556 for emergency medical treatment advice.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

NET CONTENTS: 2.5 GALLONS

806/8-2017
• Intended for directed applications to emerged broadleaf weeds in established plantings of pome fruits, stone fruits and tree nuts

• Orchard Master® Broadleaf Herbicide controls the following:

  **Annual and Biennial Weeds:** Lambsquarters, Prickly Lettuce, Tall Morningglory, Ragweed, Shepherd’s Purse, Annual Sowthistle, Tansy Ragwort, Pepperweed, Redroot Pigweed, and Yellow Starthistle.

  **Perennial Weeds:** Bindweed, Blue Lettuce, Canada Thistle, Dandelion, Docks, St. Johnswort, Whitetop (Hoary Cress)

• Low-odor formula

  See inside pages for complete Precautionary Statements and Directions for Use (including First Aid, Agricultural Use Requirements, and Storage and Disposal).

KEEP FROM FREEZING

806/8-2017  AP072417
EPA REG. NO. 2217-703
EPA EST. NO. 2217-KS-1, 2217-KS-2
Circled digit is first digit of lot number.
Intended for Directed Applications to
Emerged Broadleaf Weeds in Established Plantings
of Pome Fruits, Stone Fruits and Tree Nuts

ACTIVE INGREDIENTS:
Dimethylamine salt of 2,4-dichlorophenoxyacetic acid .................. 33.2%
Diethanolamine salt of 2,4-dichlorophenoxyacetic acid .................. 16.3%

INERT INGREDIENTS .................................................. 50.5%

THIS PRODUCT CONTAINS:
3.8 lb. 2,4-dichlorophenoxyacetic acid equivalent per gallon or 38.6%.
Isomer Specific by AOAC Methods.

KEEP OUT OF REACH OF CHILDREN
DANGER - PELIGRO

Si Usted no entiende la etiqueta, busque a alguien para que se la explique a Usted en detalle. (If you do not understand the label, find some one to explain it to you in detail.)
READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.

PRECAUTIONARY STATEMENTS

Hazards To Humans And Domestic Animals
DANGER: Corrosive. Causes irreversible eye damage. Harmful if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Do not get in eyes or on clothing. Avoid contact with skin. Avoid breathing spray mist or vapor.

Personal Protective Equipment (PPE)
Some materials that are chemical-resistant to this product are natural rubber, natural rubber blends and laminates. 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:
• protective eyewear,
• long-sleeved shirt and long pants,
• shoes and socks,
• chemical-resistant gloves when applying with any handheld nozzle or equipment, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.
• chemical-resistant apron when mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.

See engineering controls for additional requirements.

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.

Engineering Control Statements
Engineering Controls for aerial application: When handlers use enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS. 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 Recommendations

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should 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.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

First Aid

If in eyes:

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

If on skin or clothing:

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

If swallowed:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to 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 treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-877-800-5556 for emergency medical treatment advice.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.
**Environmental Hazards**
This pesticide is 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.

**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 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 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.

*(cont. on next page)*
Agricultural Use Requirements (cont.)
PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:
- coveralls,
- chemical-resistant gloves made of any water-proof material,
- shoes plus socks and protective eyewear

NOTICE TO USER: This product must be applied in compliance with the pesticide regulations of the state in which application is made. Check with local authorities regarding regulations that may affect the application of this product.

MIDDLES MANAGEMENT FOR POME FRUITS, STONE FRUITS, TREE NUTS, AND PISTACHIO ORCHARDS: Orchard Master® Broadleaf Herbicide consists of the dimethylamine and diethanolamine salts of 2,4-D especially formulated for low volume applications with ground equipment. Orchard Master Broadleaf Herbicide is intended for directed applications to emerged broadleaf weeds in established plantings of pome fruits, stone fruits and tree nuts. This product may be applied as a broadcast treatment to the vegetation in the row middles of established trees, and this product may be applied as a band application to control the weeds in the tree rows. Transplanted stock and established trees must be at least one year old and in vigorous condition.

SPRAY PREPARATION: Check the spray tank for cleanness before preparing the spray solution. Orchard Master Broadleaf Herbicide should be mixed with water. Surfactants or wetting agents are not recommended for broadcast treatments. Anti-drift agents approved by the U.S. EPA are compatible with this product. To avoid subsequent injury to horticultural crops or other sensitive crops, immediately clean spray equipment and dispose the rinsates according to label instructions.

METHODS OF APPLICATION AND APPLICATION SCHEDULES: Use a fixed boom equipped with flat fan nozzles or low/reduced pressure nozzles that deliver coarse spray droplets at low pressures (20 to 25 psi). Spot treatments are appropriate for individual weeds, for sparse infestations, for small areas, or as follow-up treatments. Apply precisely and uniformly to obtain satisfactory weed control and to minimize the injury to the trees. Avoid contact with fruit, foliage, stems, lower limbs, tree trunks, and exposed roots. Do not apply when weather conditions favor drift from the treated area. Early spring and late fall applications after harvest are preferred. Sequential applications may be needed to control perennial broadleaf weeds.
Preferred application schedules.

<table>
<thead>
<tr>
<th>Weed Type</th>
<th>Season</th>
<th>Growth Stage of the Weeds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual broadleaf</td>
<td>Spring or fall</td>
<td>Active growth.</td>
</tr>
<tr>
<td>Biennials</td>
<td>Spring or fall</td>
<td>During the seedling to rosette stages. Sequential treatments.</td>
</tr>
<tr>
<td>Perennials</td>
<td>Spring or fall</td>
<td>During the early bud to bloom stage and during fall regrowth. Sequential treatments.</td>
</tr>
</tbody>
</table>

**TANK MIXTURES:** Orchard Master Broadleaf Herbicide may be applied in tank mixtures for improved broadleaf control. These tank mixtures must be used according to the most restrictive label limitations and precautions. No label dosage rate should be exceeded. Follow the labeling of each companion product for precautionary statements, directions for use, dosage rates, and application schedules. Tank mixture recommendations are for use only in states where the companion product and use sites are registered. In addition, certain states or geographic regions may have established dosage rate limitations. Consult your State Pesticide Control Agency for additional information.

This product may be tank mixed with these herbicides.

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Trade Name, Including But Not Limited To:</th>
</tr>
</thead>
<tbody>
<tr>
<td>glyphosate</td>
<td>Roundup® Herbicide and Roundup® Ultra Herbicide</td>
</tr>
</tbody>
</table>

**IRRIGATION:** In California, do not apply to sandy or shallow soils and do not apply to dry soil without vegetation. Apply this product to moist soils, after irrigation, or after rainfall. Do not apply immediately before irrigation. Do not irrigate immediately following application. Best results are obtained when this product is applied two (2) days following irrigation. Do not apply this product through any type of irrigation system.

**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, 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.

Additional requirements for ground boom application. Do not apply with a nozzle height greater than 4 feet above the crop canopy.

Additional requirements for aerial applications. 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.

**DOSAGE RATES FOR BROADLEAF WEED CONTROL, POME FRUITS, STONE FRUITS, TREE NUTS, AND PISTACHIO ORCHARDS:** Dosage rates listed are for broadcast applications. For banded, row, or strip treatments, the amount of product should be adjusted according to this formula:

\[
\text{Dosage Rates per Treated Acre} = \frac{\text{Spray Band Width}}{\text{Tree Row Width}} \times \text{Broadcast Rate per Acre}
\]

Spray volumes of 2 to 10 gallons per acre are recommended. Spray volumes of 10 to 25 gallons per acre may be needed for adequate coverage of weeds.

**ORCHARDS**

**POME FRUITS (APPLE AND PEAR):** Orchard Master Broadleaf Herbicide is effective at 2.0 to 3.0 pints of product per acre per application (1.0 to 1.4 pounds of acid equivalent/acre) as a broadcast treatment to the orchard floor. A maximum of two broadcast applications with a 75 day treatment interval may be made per crop. Avoid contact with fruit foliage, stems, lower limbs, tree trunks, and exposed roots. Do not harvest within 14 days of application. Do not cut orchard floor forage for hay within 7 days of application.

**STONE FRUITS (SWEET OR TART CHERRY, PEACH, OR PLUM/FRESH PRUNES):** Orchard Master Broadleaf Herbicide is effective at 2.0 to 3.0 pints of product per acre per application (1.0 to 1.4 pounds of acid equivalent/acre) as a broadcast treatment to the orchard floor. A maximum of two applications with a 75 day treatment interval may be made per crop. Do not harvest these stone fruits within 40 days of application. Avoid contact with fruit, foliage, stems, lower limbs, tree trunks, and exposed roots. Do not cut orchard floor forage for harvest within 7 days of application.

**TREE NUTS (ALMOND, FILBERT OR HAZELNUT, PECAN, BLACK AND ENGLISH WALNUT):** Orchard Master Broadleaf Herbicide is effective at 2.0 to 3.0 pints of product per acre per application (1.0 to 1.4 pounds of acid equivalent/acre) as a broadcast treatment to the orchard floor. A maximum of two applications with a 30 day treatment interval may be made per crop. Do not harvest these tree nuts within 60 days of application. Do not cut orchard floor forage for harvest within 7 days of application.
PISTACHIO: Orchard Master Broadleaf Herbicide is effective at 2.0 to 3.0 pints of product per acre per application (1.0 to 1.4 pounds of acid equivalent/acre) as a broadcast treatment to the orchard floor. A maximum of two applications with a 30 day treatment interval may be made per crop. Do not harvest these tree nuts within 60 days of application. Do not cut orchard floor forage for hay within 7 days of application.

<table>
<thead>
<tr>
<th>Crop</th>
<th>Application Rate</th>
<th>Recommended Spray Volume</th>
<th>Maximum Number of Broadcast Applications per Crop Year</th>
<th>Preharvest Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pome Fruits:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Apple &amp; Pear</td>
<td>2.0 to 3.0 pints/A (1.0 to 1.4 lb. 2,4-D ae/A)</td>
<td>2 to 10 gal./A</td>
<td>2</td>
<td>14</td>
</tr>
<tr>
<td><strong>Stone Fruits:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sweet or Tart Cherry, Peach, or Plum</td>
<td>2.0 to 3.0 pints/A (1.0 to 1.4 lb. 2,4-D ae/A)</td>
<td>2 to 10 gal./A</td>
<td>2</td>
<td>40</td>
</tr>
<tr>
<td><strong>Tree Nuts:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Almond, Filbert or Hazelnut, Pecan, English &amp; Black Walnut</td>
<td>2.0 to 3.0 pints/A (1.0 to 1.4 lb. 2,4-D ae/A)</td>
<td>2 to 10 gal./A</td>
<td>2</td>
<td>60</td>
</tr>
<tr>
<td><strong>Pistachio:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2.0 to 3.0 pints/A (1.0 to 1.4 lb. 2,4-D ae/A)</td>
<td>2 to 10 gal./A</td>
<td>2</td>
<td>60</td>
</tr>
</tbody>
</table>

Preharvest interval is defined as the minimum number of days between the last application of this product and harvest.

GREEN SUCKER CONTROL IN FILBERTS: This treatment is intended to suppress suckers that decrease filbert production in bearing trees. Mix 2.0 pints of product with 100 gallons of water (0.95 lbs. of acid equivalent per 100 gallons of water) to prepare a 0.25% vol/vol spray solution. A nonionic surfactant is recommended. Refer to the labeling of the surfactant for precautions and suggested concentrations. Spray guns, high volume wands, or similar types of equipment may be used. Spray volumes will depend upon the height, density, and equipment type. Apply the diluted spray to all...
leaves and stems of the suckers that are 6 to 9 inches in height during April through August. The maximum number of applications is four per season. Allow a minimum of 30 days between applications. Do not harvest filberts within 45 days of application for this method of application.

**SPOT TREATMENTS:** For orchard floors, spot treatments are appropriate for sparse infestations of broadleaf weeds, for small areas, or for follow-up treatments. Spray guns, high volume wands, or similar types of equipment may be used. Select nozzles that deliver coarse spray patterns to reduce the potential of nontarget drift. Spray volumes will depend upon the height, density, weeds species, and equipment type. Mix 3.0 pints of product per acre with adequate water (100 to 400 gallons). Or, prepare a spray concentration of 0.1% to 0.4% vol/vol spray solution. Refer to the table below for additional spray preparation. Apply diluted sprays to allow complete wetting of the foliage of the broadleaf weeds. Do not use spot treatments with spray guns around or near the base of the tree trunks for these stone fruits and nuts.

<table>
<thead>
<tr>
<th>Spray Solution</th>
<th>0.10% vol/vol</th>
<th>0.13% vol/vol</th>
<th>0.20% vol/vol</th>
<th>0.40% vol/vol</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 gal./A</td>
<td>12 fl. oz. (0.7 pints)</td>
<td>16 fl. oz. (1.0 pints)</td>
<td>22 fl. oz. (1.4 pints)</td>
<td>3.0 pints</td>
</tr>
<tr>
<td>200 gal./A</td>
<td>1.4 pints</td>
<td>2.0 pints</td>
<td>3.0 pints</td>
<td></td>
</tr>
<tr>
<td>300 gal./A</td>
<td>2.0 pints</td>
<td>3.0 pints</td>
<td></td>
<td></td>
</tr>
<tr>
<td>400 gal./A</td>
<td>3.0 pints</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
PASTURE AND RANGELAND

Pasture and Rangeland such as established grass pastures, rangeland, and perennial grasslands not in agricultural production such as Conservation Reserve program (CRP). Orchard Master Broadleaf Herbicide may be applied postemergence to newly seeded and established grasses grown in pastures, rangelands and Conservation Reserve Program (CRP) acres.

NEWLY SEEDED AREAS (Applications after the 5 to 6-leaf stage of grass seedlings.):

Orchard Master Broadleaf Herbicide may be applied to newly seeded perennial grasses or to the newly seeded grasses grown with a companion/cover crop such as small grains. Postemergent applications of this product are recommended only after the 5 to 6-leaf stage of the grass seedlings. Or, do not apply this product prior to the beginning of tillering of the perennial grass seedlings. Perennial grasses have shown tolerance to this product when the grass seedlings have tillered and have developed an adequate secondary root system.

Apply 3/4 to 1 pint of Orchard Master Broadleaf Herbicide as a broadcast treatment to control annual broadleaf weeds. Biennial and perennial weeds may require follow-up or sequential treatments.

ESTABLISHED PERENNIAL GRASS STANDS: Established grass stands are defined as perennial grasses that have been planted one or more seasons before the application of this product.

Treatments of Orchard Master Broadleaf Herbicide may injure or kill legumes including alfalfa, clovers, lespedezas, sweet clover, trefoils and vetches. Also, treatments of this product may be injurious and may reduce the seedling growth of buffalograss, bentgrass, kleingrass, sideoats grama, and switchgrass.
Broadcast application rates with ground and aerial equipment to Pasture and Rangeland such as established grass pastures, rangeland, and perennial grasslands not in agricultural production.

<table>
<thead>
<tr>
<th>Weed Types</th>
<th>Rate per Application</th>
<th>Recommended Spray Volumes</th>
<th>When to Apply</th>
</tr>
</thead>
<tbody>
<tr>
<td>Susceptible annual and biennial broadleaf weeds</td>
<td>1.0 quarts/A (1.0 lb. 2,4-D ae/A)</td>
<td>2 to 10 gal./A</td>
<td>Spring or fall during active growth</td>
</tr>
<tr>
<td>Moderately susceptible biennial and perennial broadleaf weeds</td>
<td>1.0 to 2.0 quarts/A (1.0 to 2.0 lb. 2,4-D ae/A)</td>
<td>2 to 10 gal./A</td>
<td>Spring or fall during seedling to rosette stage</td>
</tr>
<tr>
<td>For difficult to control weeds and woody plants</td>
<td>2.0 quarts/A (2.0 lb. 2,4-D ae/A)</td>
<td>2 to 10 gal./A</td>
<td>Spring or fall during bud to bloom stage. A second application may be required</td>
</tr>
<tr>
<td>Spot treatment</td>
<td>2.0 quarts/A (2.0 lb. 2,4-D ae/A)</td>
<td>2 to 10 gal./A</td>
<td></td>
</tr>
</tbody>
</table>

ae = Acid Equivalent. Do not use on alfalfa, clover or other legumes. Do not use on newly seeded areas until grass is well established.
Limitations on 2,4-D pasture and rangeland (established grass pastures, range-land, and perennial grasslands, not in agricultural production).

<table>
<thead>
<tr>
<th>Application Schedule</th>
<th>Maximum Rate per Application</th>
<th>Maximum Number of Applications per Year</th>
<th>Minimum Interval Between Applications</th>
<th>Minimum Spray Volume</th>
<th>Pregrazing Interval</th>
<th>Preharvest Interval (PHI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Postemergent</td>
<td>2.0 quarts/A (2.0 lb. 2,4-D ae/A)</td>
<td>2</td>
<td>30 Days</td>
<td>2 gal./A</td>
<td>0 Days</td>
<td>7 Days</td>
</tr>
</tbody>
</table>

ae = Acid Equivalent. Do not exceed the maximum seasonal rate of 1 gallon (4.0 lb 2,4-D ae) per acre per season. Do not apply within 30 days of the previous application. Do not cut forage for hay within 7 days of application. If grass is to be cut for hay, the Agricultural Use Requirements for the Worker Protection Standard (WPS) are applicable. For program lands such as the Conservation Reserve Program, consult program rules to determine whether grass or hay may be used. The more restrictive requirements of the program rules or this labeling must be followed.

Spray Volumes: Use a minimum spray volume of 2.0 gallons per acre for ground and aerial applications.

**TANK MIXTURES FOR PASTURE AND RANGELAND:** Orchard Master Broadleaf Herbicide, a mixed amine salt of 2,4-D, can be applied as a tank mixture with Banvel® Herbicide or Tordon® 22K to broaden the spectrum of weed control. To assure maximum safety and weed control, follow all precautions and limitations on this label and the labels of products used in tank mixtures with Orchard Master Broadleaf Herbicide.

<table>
<thead>
<tr>
<th>Products</th>
<th>Amount of Product</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orchard Master Broadleaf Herbicide + Banvel®</td>
<td>1 to 2 quarts/A + 1 to 2 pints/A</td>
</tr>
<tr>
<td>Orchard Master Broadleaf Herbicide + Tordon® 22K</td>
<td>1 to 2 quarts/A + 1/4 to 2 pints/A</td>
</tr>
</tbody>
</table>

**SPOT TREATMENTS with Orchard Master Broadleaf Herbicide alone as a high volume foliar treatment.**

**High Volume Leaf Stem Treatments of Individual Plants or Small Areas with Backpack Sprayers, Knapsack Sprayers, Power Sprayers, Spray Guns, or Other Ground Equipment** - This method is appropriate for sparse infestations of brush or woody species, for small areas, or for areas where broadcast applications are not
feasible. Woody species including multiflora rose, Macartney rose, southern wild rose, and willow baccharis may be controlled with spot treatments. Perennial weeds including Canada thistle (late bud to early bloom), bull thistle (bud stage), musk thistle (spring or fall in rosette or early bud stage), leafy spurge (early to late bloom), and field bindweed (80% or greater bloom) may be effectively controlled with spot treatments of Orchard Master Broadleaf Herbicide.

For Orchard Master Broadleaf Herbicide alone, mix 2.0 gallons of Orchard Master Broadleaf Herbicide per 100 gallons of water (2.0% spray concentration). Spray volumes will depend upon the height, density, and type of weeds/brush. Thorough coverage of the leaves, stems, trunks, and root collars is essential. Apply as a spray-to-wet application for the best results. Coverage should be thorough for individual plants and use sufficient pressure to penetrate the center of large clumps (e.g. multiflora rose).

**BROADLEAF WEEDS CONTROLLED:** Orchard Master Broadleaf Herbicide controls many broadleaf weeds including the following. **Annual and Biennial Weeds** - Lambsquarters, Prickly Lettuce, Tall Morningglory, Ragweed, Shepherd’s purse, Annual Sowthistle, Tansy Ragwort, Pepperweed, Redroot Pigweed, and Yellow Starthistle. **Perennial Weeds** - Bindweed, Blue Lettuce, Canada thistle, Dandelion, Docks, St. Johnswort, Whitetop (Hoary Cress).

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in original container in a locked storage area inaccessible to children or pets. Keep from freezing.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or, 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.

(cont. on next page)
STORAGE AND DISPOSAL (cont.)

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.

OR

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.

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## First Aid

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

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

### If swallowed:
- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to 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 treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-877-800-5556 for emergency medical treatment advice.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

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