Orchard Clean®

Broadleaf Herbicide

FOR CONTROL OF MANY BROADLEAF WEEDS IN GRAPE VINEYARDS AND ORCHARD FLOOR (APPLE, PEAR, STONE FRUIT AND NUT)

ACTIVE INGREDIENT:
2,4-Dichlorophenoxyacetic acid, dimethylamine salt* ................................................................. 46.8%
OTHER INGREDIENTS: .................................................................................................................. 53.2%
TOTAL: ........................................................................................................................................ 100.0%
*2,4-Dichlorophenoxyacetic acid equivalent 38.9% by weight or 3.8 pounds per gallon.
Isomer specific by AOAC method No. 978.05

FIRST AID

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

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

IF ON SKIN OR CLOTHING
• Take off contaminated clothing.
• Rinse skin immediately with plenty of water for 15 to 20 minutes.
• Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.

NOTE TO PHYSICIANS
This product contains a phenoxy herbicidal chemical. There is no specific antidote. All treatments should be based on observed signs and symptoms of distress in the patient. Probable mucosal damage may contraindicate the use of gastric lavage. Overexposure to materials other than this product may have occurred.

ACTIVE INGREDIENT:
2,4-Dichlorophenoxyacetic acid, dimethylamine salt* ................................................................. 46.8%
OTHER INGREDIENTS: .................................................................................................................. 53.2%
TOTAL: ........................................................................................................................................ 100.0%
*2,4-Dichlorophenoxyacetic acid equivalent 38.9% by weight or 3.8 pounds per gallon.
Isomer specific by AOAC method No. 978.05

KEEP OUT OF REACH OF CHILDREN
DANGER / PELIGRO
PRECAUCION AL USUARIO: Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)
SEE NEXT PAGE FOR ADDITIONAL PRECAUTIONARY STATEMENTS

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300.
For Medical Emergencies Only, Call (877) 325-1840.

EPA REG. NO.71368-1
EPA Est. No. indicated by the first two letters of the batch number on this package (VA) 70815-GA-002, (CH) 228-IL-001, (GR) 228-MS-001

Net Contents
2.5 Gal.
(9.46 L)
Nonrefillable Container
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER / PELIGRO

Corrosive. Causes irreversible eye damage. Harmful if swallowed. Do not get in eyes, on skin or on clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE):
Some of the materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-
resistance category selection chart.

All mixers, loaders, applicators, and other handlers must wear:
• long-sleeved shirt and long pants,
• shoes and socks, plus
• chemical-resistant gloves including barrier laminate, butyl rubber, nitrile rubber, or Viton, when applying with any handheld nozzle or equipment, mixing 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, and
• protective eyewear.

See engineering controls for additional requirements.

ENGINEERING CONTROLS STATEMENTS:
When handlers use closed systems, 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 (personal protective equipment) 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 1 70.240(d)(6)].

USER SAFETY RECOMMENDATIONS

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

ENVIRONMENTAL HAZARDS
This pesticide is toxic to fish and aquatic invertebrates and may adversely affect non-target plants.

For Terrestrial Uses: Do not apply directly to water, or 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 washwater or rinsate.

This product contains a chemical with 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.

Do not contaminate water used for irrigation or domestic purposes especially in areas where grapes, cotton, tomatoes or other susceptible plants are grown.

Do not apply this product to, or permit to drift onto cotton, okra, grapes, tomatoes, fruit trees, vegetables, flowers or other desirable crop or ornamental plants
which are susceptible to 2,4-D herbicide. Do not apply near susceptible plants since very small quantities of the 2,4-D will cause severe injury during the growing or
dormant periods. Crops contacted by this product sprays or spray drift may be killed or suffer significant stand loss with extensive quality and yield reduction.

MIXING AND LOADING: Most cases of ground water 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 ground water 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 ground
water contamination.
DIRECTIONS FOR USE

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

Read entire label before using this product.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 hours.

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

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

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

USE RESTRICTIONS

Do not apply this product through any type of irrigation system. Do not use in or near a greenhouse. 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.

PRODUCT INFORMATION

INJURY TO CROPS FROM THIS HERBICIDE MAY OCCUR. IF YOU ARE NOT PREPARED TO ACCEPT SOME DEGREE OF CROP INJURY DO NOT USE THIS PRODUCT.

Crop varieties vary in response to 2,4-D and some are easily injured. Apply this product only to varieties known to be tolerant to 2,4-D. If you are uncertain concerning tolerant varieties or local use situations that may affect crop tolerance to 2,4-D, consult your seed company, State Agricultural Extension Service or qualified crop consultant for advice.

Be sure that use of this product conforms to all applicable laws, rules and regulations. Certain states have restrictions pertaining to application distances from susceptible crops. The applicator should become familiar with these laws, rules or regulations and follow them exactly.

WEED RESISTANCE

Any weed population may contain plants that are naturally resistant to 2,4-D, the active ingredient in this product, and to other herbicides with the same mode of action. ATTNENTION: These resistant weed biotypes will not be controlled by this product. Consult advisors such as your local agricultural extension service for agronomic management practices to minimize the occurrence of 2,4-D resistance and considerations for supplemental control measures.

Weed Management

To minimize the occurrence of 2,4-D resistant biotypes, observe the following general weed management practices:

- Scout application site before and after herbicide applications.
- Start with a clean application site, using either a burndown herbicide application or tillage.
- Control weeds early when they are relatively small.
- Add other herbicides (e.g. a selective and/or a residual herbicide) and cultural practices (e.g. tillage or crop rotation) where appropriate.
- Utilize the specified label rate for the most difficult to control weed in your field. Avoid tank mixtures with other herbicides that reduce this product’s efficacy (through antagonism), or tank mixture directions that encourage application rates of this product below the label directions.
- Control weed escapes and prevent weeds from setting seeds.
- Clean equipment before moving from field to field to minimize the spread of weed seed or plant parts.
- Report any incidence of repeated non-performance of this product on a particular weed to your Nufarm representative, local retailer, or county extension agent.

Management of 2,4-D Resistant Biotypes

Since the occurrence of new 2,4-D resistant weeds cannot be determined until after product use and scientific confirmation, manufacturer is not responsible for any losses that may result from the failure of this product to control 2,4-D resistant weed biotypes.

The following good agronomic practices are recommended to reduce the spread of confirmed 2,4-D resistant biotypes:

- If a naturally occurring resistant biotype is present in your application site, this product should be tank-mixed or applied sequentially with an appropriately labeled herbicide with a different mode of action to achieve control.
- Cultural and mechanical control practices (e.g. crop rotation or tillage) may also be used as appropriate.
- Scout treated application site after herbicide applications and control escaping weeds including resistant biotypes before they set seed.
- Thoroughly clean equipment before leaving fields known to contain resistant biotypes.
MIXING INSTRUCTIONS
Add about one-half the water to the mixing tank, then add this product with agitation and finally the rest of water with continuing agitation.

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

COMPATIBILITY
If this product is to be tank mixed with fertilizers or with other pesticides, compatibility should be tested prior to mixing. To test for compatibility, use a small container and mix a small amount (0.5 to 1 quart) of spray, combining all ingredients in the same ratio as the anticipated use. If any indications of physical incompatibility develop, do not use this mixture for spraying. Indications of incompatibility usually will appear within 5 to 15 minutes after mixing.

Read and follow all directions and precautions on this label and on the labels of any products for which a tank mixture is being considered.

APPLICATION PROCEDURES
Apply by air or ground equipment in sufficient gallonage to obtain adequate coverage, except as otherwise directed on this label. Use 2 or more gallons of water per acre for aerial application and 10 or more gallons of water per acre for ground application.

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.

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.

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.

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

To spray small areas use the following dilution table.

<table>
<thead>
<tr>
<th>If Dosage on Label Shows Following Rate Per Acre</th>
<th>Use this Amount for each Gallon of Water Per 1,000 Square Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Pints (1 quart)</td>
<td>0.72 ounces (4.3 teaspoons)</td>
</tr>
<tr>
<td>4 Pints (2 quarts)</td>
<td>1.4 ounces (2.8 tablespoons)</td>
</tr>
<tr>
<td>6 Pints (3 quarts)</td>
<td>2.2 ounces (4.4 tablespoons)</td>
</tr>
</tbody>
</table>

SPOT TREATMENTS

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

Hand-Held Sprayers: Hand-held sprayers may be used for spot applications of this product. Apply the spray uniformly and at a rate equivalent to a broadcast application. Application rates in the table are based on the application rate for an area of 1,000 sq ft. Mix the amount of this product (fl oz or ml) corresponding to the desired broadcast rate in 1 to 3 gallons of spray. To calculate the amount of this product required for larger areas, multiply the table value (fl oz or ml) by the thousands of sq ft to be treated. An area of 1000 sq ft is approximately 10.5 x 10.5 yards (strides) in size.

Rate Conversion Table for Spot Treatment:

<table>
<thead>
<tr>
<th>Label Broadcast Rate (pints per acre)</th>
<th>Equivalent Amount of Orchard Clean® per 1000 sq ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2</td>
<td>1/5 fl oz* (5.5 ml)</td>
</tr>
<tr>
<td>2/3</td>
<td>1/4 fl oz (7.3 ml)</td>
</tr>
<tr>
<td>3/4</td>
<td>1/3 fl oz (8.3 ml)</td>
</tr>
<tr>
<td>1</td>
<td>3/8 fl oz (11 ml)</td>
</tr>
<tr>
<td>2</td>
<td>3/4 fl oz (22 ml)</td>
</tr>
<tr>
<td>3</td>
<td>1 fl oz (33 ml)</td>
</tr>
<tr>
<td>4</td>
<td>1-1/2 fl oz (44 ml)</td>
</tr>
<tr>
<td>8</td>
<td>3 fl oz (88 ml)</td>
</tr>
</tbody>
</table>

* Conversion factors: 1 pt = 16 fl oz; 1 fl oz = 29.6 (30) ml

Band Application: Orchard Clean® may be applied as a band treatment. Use the formulas below to determine the appropriate rate and volume per treated area.

\[
\text{Band width in inches} \times \text{Broadcast rate per acre} = \text{Brand rate per treated acre}
\]

\[
\text{Row width in inches} \times \text{Broadcast volume per acre} = \text{Brand volume per treated acre}
\]

WEED LIST

Annual or Biennial Weeds

- Beggarticks (1)
- Bittercress, smallflowered (3)
- Bitterweed
- Broomweed, common (1)
- Burdock, common
- Buttercup, smallflowered (1)(3)
- Carrot, wild
- Carpetweed
- Cinquefoil, common (3)
- Cinquefoil, rough (3)
- Cocklebur, common
- Coffeeweed
- Copperleaf, Virginia (1)(3)
- Croton, Texas
- Croton, wooly
- Fleabane, rough
- Flixweed
- Galinsoga
- Geranium, Carolina (3)
- Hemp, wild
- Horseweed (marestail) (3)
- Jewelweed
- Jimsonweed
- Knotweed (1)
- Kochia
- Lambsquarter, common
- Lettuce, prickly (1)
- Lettuce, wild
- Lupines
- Mallow, little (1)
- Mallow, Venice (1)
- Marshelder
- Morningglory, annual
- Morningglory, common
- Morningglory, ivy
- Morningglory, woolly
- Moutsetail (3)
- Mustards (except blue mustard)
- Parsnip, wild
- Pennycress (fanweed)
- Pepperweeds (Lepidium spp.)(1)
- Pigweeds (Amaranthus spp.) (2)
- Poorjo
- Primrose, common evening
- Purslane, common (3)
- Pusley, Florida
- Radish, wild
- Ragweed, common
- Ragweed, giant
- Rape, wild
- Rocket, yellow
- Salsify, common (1)
- Salsify, western (1)
- Shepherd’s purse
- Sicklepod
- Sowthistle, annual
- Sowthistle, spiny
- Spanish needles
- Sunflower
- Sweetclover
- Tansy mustard
- Thistle, bull
- Thistle, musk(1)
- Thistle, Russian (tumbleweed)(1)
- Velvetleaf
- Vervains(1)
- Vetches
WEED LIST (continued)

Perennial Weeds

<table>
<thead>
<tr>
<th>Alfalfa (1)(3)</th>
<th>Catnip</th>
</tr>
</thead>
<tbody>
<tr>
<td>Artichoke, Jerusalem (1)</td>
<td>Chicory</td>
</tr>
<tr>
<td>Aster, many-flower (1)</td>
<td>Clover, red (1)(3)</td>
</tr>
<tr>
<td>Austrian fieldcress (1)</td>
<td>Coffeeweed</td>
</tr>
<tr>
<td>Bindweed, European (1)</td>
<td>Cress, hoary (1)</td>
</tr>
<tr>
<td>Bindweed, field (1)</td>
<td>Dandelion</td>
</tr>
<tr>
<td>Bindweed, hedge (1)</td>
<td>Docks (1)</td>
</tr>
<tr>
<td>Blue lettuce</td>
<td>Dogbanes (1)</td>
</tr>
<tr>
<td>Blueweed, Texas</td>
<td>Eveningprimrose, cutleaf(3)</td>
</tr>
<tr>
<td>Broomweed</td>
<td>Garlic, wild (1)</td>
</tr>
<tr>
<td>Bull nettle (1)(3)</td>
<td>Goldenrod (1)</td>
</tr>
<tr>
<td>Carrot, wild</td>
<td>Hawkweed, orange (1)</td>
</tr>
<tr>
<td></td>
<td>Healall</td>
</tr>
</tbody>
</table>

1- These species may require repeat applications and/or use of the higher specified rate even under ideal conditions for application.
2- Control of pigweeds in the High Plains area of Texas and Oklahoma may not be satisfactory with this product
3- This product may not be used to control this weed species in the State of California.

CROP SPECIFIC USE DIRECTIONS

APPLES, PEARS, STONE FRUIT AND NUT ORCHARDS (EXCEPT FILBERTS) (ORCHARD FLOOR)

<table>
<thead>
<tr>
<th>APPLICATION TIMING</th>
<th>AMOUNT OF ORCHARD CLEAN® PER ACRE</th>
<th>DIRECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Postemergence</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Annual and biennial broadleaf weeds</td>
<td>1 to 2 pints</td>
<td>For application to orchard floors, use coarse, low-pressure sprays and sufficient water for thorough coverage of weeds. Apply to annual weeds when small and actively growing. Apply to perennial weeds from bud to bloom stage. Because newly established trees or young orchards are more susceptible to 2,4-D injury, apply only to orchards that are at least one year old and well-established as indicated by vigorous plant growth.</td>
</tr>
<tr>
<td>Perennial broadleaf weeds</td>
<td>4 pints</td>
<td></td>
</tr>
</tbody>
</table>

RESTRICTIONS AND LIMITATIONS FOR USE IN APPLES, PEARS, STONE FRUIT AND NUT ORCHARDS (EXCEPT FILBERTS)

- Do not apply to bare ground as injury may result.
- Do not apply immediately before irrigation and withhold irrigation for 2 days before and for 3 days after treatment.
- Do not allow spray to drift onto or contact foliage, fruit, stems, trunks of trees or exposed roots as injury may result.
- Do not apply to newly established or young orchards. Trees must be at least 1 year old and in vigorous condition.
- Do not apply during bloom.
- Do not graze or feed cover crops from treated orchards.
- Do not make more than 2 applications per crop cycle. Maximum of 4.2 pints (2.0 lbs. ae) per acre per application.
- For apples, pears and stone fruits, allow at least 75 days between applications.
- For tree nuts, allow at least 30 days between applications.
- Do not cut orchard floor forage for hay within 7 days of application.
- Orchard Clean® contains 3.8 pounds a.e. of 2,4-D per gallon. When tank mixing with products that contain 2,4-D, do not exceed a combined total of 4.0 pounds of a.e. per acre per year.
- *(PHI)* Preharvest Intervals:
  - Apple and Pear: Do not harvest within 14 days of application.
  - Stone Fruit: Do not harvest within 40 days of application.
  - Nut Orchard and Pistachio: Do not harvest within 60 days of application.

FILBERTS (ORCHARD FLOOR)

<table>
<thead>
<tr>
<th>WEEDS IN CROPS</th>
<th>AMOUNT OF ORCHARD CLEAN® PER ACRE</th>
<th>DIRECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual broadleaf weeds</td>
<td>2.1 pints</td>
<td>Apply a maximum of 2.1 pints (1.0 lb. ae) in 100 gallons of spray solution per acre.</td>
</tr>
</tbody>
</table>

RESTRICTIONS AND LIMITATIONS FOR USE IN FILBERTS

- Do not apply to bare ground as injury may result.
- Do not use on light sandy soil.
- Do not apply immediately before irrigation and withhold irrigation for 2 days before and for 3 days after treatment.
- Do not allow spray to drift onto or contact foliage, fruit, stems, trunks of trees or exposed roots as injury may result.
• Do not apply to newly established or young orchards. Trees must be at least 1 year old and in vigorous condition.
• Do not apply during bloom.
• Do not graze or feed cover crops from treated orchards.
• Do not make more than 4 applications per crop cycle. Maximum of 2.1 pints (1.0 lbs. ae) per acre per application.
• Orchard Clean® contains 3.8 pounds a.e. of 2,4-D per gallon. When tank mixing with products that contain 2,4-D, do not exceed a combined total of 1.0 pounds of a.e. per acre per year.
• (PHI) Do not harvest filberts with 45 days of application.
• Allow at least 30 days between applications.
• Do not cut orchard floor forage for hay within 7 days of application.

GRAPE VINEYARDS
Established at least 3 years to control Field Bindweed (Morning Glory), Canada Thistle and other 2,4-D susceptible broadleaf weeds.

<table>
<thead>
<tr>
<th>APPLICATION TIMING</th>
<th>AMOUNT OF ORCHARD CLEAN® PER ACRE</th>
<th>DIRECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apply when weeds are in the bud to early bloom stage and growing vigorously. Apply after shatter following bloom and before grape shoots reach the ground or during dormant season.</td>
<td>1.8 to 2.7 pints</td>
<td>Dilute in 10 to 100 gallons of water to treat one acre of ground to be sprayed. For band or spot treatment, calculate rates according to the actual portion of acre treated. Use a hooded boom and low pressure flooding nozzles to deliver coarse droplets.</td>
</tr>
</tbody>
</table>

RESTRICTIONS FOR USE ON GRAPES
• For use only in California.
• The pre-harvest interval (PHI) is 100 days.
• Limited to 1 application per crop cycle.
• Maximum of 2.7 pints (1.36 lbs. ae) per acre per application.
• Orchard Clean® contains 3.8 pounds a.e. of 2,4-D per gallon. When tank mixing with products that contain 2,4-D, do not exceed a combined total of 1.36 pounds of a.e. per acre per year.

Precaution: Grapes are extremely sensitive to 2,4-D. Use a direct application so no 2,4-D contacts grape leaves and young shoots or stems

TANK MIXES
It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

NOTE: All intended tank mix combinations should be used only in recommended areas on the same broadleaf weed species found on both labels. For application methods and other use specifications, use the most restricted limitations from labeling of both products.

This product will either kill, control or suppress the weeds listed in the label booklet for this product. Some of these species may require repeat spot applications even under ideal conditions.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container in a dry, secured storage area. Keep container tightly closed when not in use. Store at temperature above 32°F. If allowed to freeze, warm to at least 40°F and remix before using. Freezing does not alter this product.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law and may contaminate ground water. 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:

NOTE: This product is available in multiple containers. Refer to the Net Contents section of this product labeling for the applicable “Nonrefillable” or “Refillable” designation. Follow the container handling instructions below that apply to your container type / size.

Nonrefillable Containers 5 Gallons or Less: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Nonrefillable Containers Larger than 5 Gallons: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank and collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Refillable Container Larger than 5 Gallons: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water and, if possible, spray all sides while adding water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED “AS IS” BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

LIMITATION OF LIABILITY

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGES IN THEIR NATURE OF PENALTIES RELATING TO THE GOODS SOLD, INCLUDING USE, APPLICATION, HANDLING, AND DISPOSAL. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE TO BUYER OR USER BY WAY OF INDEMNIFICATION TO BUYER OR TO CUSTOMERS OF BUYER, IF ANY, OR FOR ANY DAMAGES OR SUMS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR ARISING OUT OF THE MISUSE, OR FAILURE TO FOLLOW LABEL WARNINGS OR INSTRUCTIONS FOR USE, OF THE GOODS SOLD BY MANUFACTURER OR SELLER TO BUYER. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.

NOTICE TO BUYER

Purchase of this material does not confer any rights under patents governing this product or the use thereof in countries outside of the United States. Orchard Clean® is a Registered Trademark of Nufarm Americas Inc. All other trademarks are the property of their respective owners.
Orchard Clean®
Broadleaf Herbicide

ACTIVE INGREDIENT:
2,4-Dichlorophenoxyacetic acid, dimethylamine salt* ............................................. 46.8%
OTHER INGREDIENTS: .......................................................... 53.2%
TOTAL: ............................................................................. 100.0%
*2,4-Dichlorophenoxyacetic acid equivalent 38.9% by weight or 3.8 pounds per gallon
Isomer specific by AOAC method No. 978.05

KEEP OUT OF REACH OF CHILDREN
DANGER / PELIGRO
PRECAUCION AL USUARIO: Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)
SEE BELOW FOR ADDITIONAL PRECAUTIONARY STATEMENTS
AND INSIDE BOOKLET FOR DIRECTIONS FOR USE

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300.
For Medical Emergencies Only, Call (877) 325-1840.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER / PELIGRO
Corrosive. Causes irreversible eye damage. Harmful if swallowed. Do not get in eyes, on skin or on clothing.

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

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

IF ON SKIN OR CLOTHING
• Take off contaminated clothing.
• Rinse skin immediately with plenty of water for 15 to 20 minutes.
• Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.

NOTE TO PHYSICIANS
This product contains a phenoxy herbicidal chemical. There is no specific antidote. All treatments should be based on observed signs and symptoms of distress in the patient. Probable mucosal damage may contraindicate the use of gastric lavage. Overexposure to materials other than this product may have occurred.

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

PESTICIDE STORAGE: Store in original container in a dry, secured storage area. Keep container tightly closed when not in use. Store at temperature above 32°F. If allowed to freeze, warm to at least 40°F and remix before using. Freezing does not alter this product.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law and may contaminate ground water. 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:

NOTE: This product is available in multiple containers. Refer to the Net Contents section of this product’s labeling for the applicable “Nonrefillable” or “Refillable” designation. Follow the container handling instructions below that apply to your container type / size.

Nonrefillable Containers 5 Gallons or Less: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Nonrefillable Containers Larger than 5 Gallons: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Refillable Container Larger than 5 Gallons: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water and, if possible, spray all sides while adding water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

EPA REG. NO.71368-1
EPA Est. No. indicated by the first two letters of the batch number on this package
(VA) 70815-GA-002, (CH) 228-IL-001, (GR) 228-MS-001

Manufactured for Nufarm Inc.
11901 S. Austin Avenue Alsip, IL 60803