



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

February 25, 2026

Edward Hearn
Agent for Sharda USA LLC
c/o SynTech Research Group
P.O. Box 640
Hockessin, DE 19707

Subject: Approval of Label Amendment; Only Indicated Changes Reviewed – Added me-too hops use, updated storage and disposal to include 2.5 gal container instructions, and miscellaneous formatting updates
Product Name: SHARDA 2,4-D AMINE 866 G/L
EPA Registration Number: 83529-147
Application Date: July 7, 2023
Case Number: 490840

Dear Edward Hearn:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. However, EPA reviewed only the label changes highlighted, marked, or otherwise indicated on the submitted label. Any other changes to the previously approved label that were not clearly highlighted, marked, or otherwise indicated in your submission were not reviewed and may form the basis of regulatory and/or enforcement action if later discovered by the Agency. Further, submission of a label amendment application with unidentified changes may be considered a knowing submission of false information to the Agency. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

This product meets the criteria for requiring Child-Resistant Packaging (CRP) per 40 C.F.R. § 157 Subpart B. The submitted CRP self-certification statement is acceptable.

The label submitted with the application has been stamped “Accepted Only Indicated Revisions Reviewed” and is enclosed for your records.

This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 C.F.R. § 152.130(c), you may distribute or sell this product under the

previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 C.F.R. § 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website contains any false or misleading statement, design, or graphic, the product may be misbranded and unlawful to sell or distribute under FIFRA Sections 2(q)(1)(A) and 12(a)(1)(E). 40 C.F.R. § 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on the product label, claims made as part of the product's sale or distribution may not substantially differ from those claims approved through the registration process under FIFRA Section 12(a)(1)(B). Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the product will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Curtis Hildebrandt at 202-566-2770 or at hildebrandt.curtis@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Mindy Ondish".

Mindy Ondish, Product Manager 23
Herbicide Branch, Registration Division (7505T)
Office of Pesticide Programs

Enclosure

[MASTER LABEL]

2,4-D | **GROUP** | **4** | **HERBICIDE**

Sharda 2,4-D Amine 866 g/L

ABN: USHA 6

ACTIVE INGREDIENT:		WT. BY %
2,4-Dichlorophenoxyacetic acid, dimethylamine salt*		69.75%
OTHER INGREDIENTS:		<u>30.25%</u>
TOTAL:		100.00%

*2,4-Dichlorophenoxyacetic acid equivalent 57.93% by weight or 6 pounds per gallon.

KEEP OUT OF REACH OF CHILDREN

WARNING/AVISO

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.)

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> • 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 SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • 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.
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.	
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency information concerning this product, call your poison control center at 1-800-222-1222 .	

[Optional referral statements when booklets and container labels are used:]

[See label booklet for [complete] [additional] [First Aid,] [Precautionary Statements], [Directions For Use], and [Storage and Disposal].]

Manufactured for:



7217 Lancaster Pike, Suite A
Hockessin, Delaware 19707

EPA Reg. No. 83529-147
EPA Est. No. XXXXX-XX-XXX

ACCEPTED
ONLY INDICATED
REVISIONS REVIEWED

02/25/2026

Net Contents: _____ [Gals./L.]

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

83529-147

No label revisions other than those indicated were reported to the Agency.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

May be fatal if swallowed. Causes substantial but temporary eye injury. Harmful if absorbed through the skin. Do not get in eyes, on skin, or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

- Long-sleeved shirt and long pants
- Shoes plus socks
- Protective eyewear (goggles, safety glasses or face shield)
- Chemical-resistant gloves made of barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils, or Viton® ≥ 14 mils
- Chemical-resistant apron when mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate

See **ENGINEERING CONTROLS** for additional requirements.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.607(d-f)].

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.
- 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 may be toxic to fish and aquatic invertebrates.

For Terrestrial Uses: 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 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.

For Aquatic Uses: 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.

Mixing and Loading: Most cases of ground water contamination involving phenoxy herbicides including 2,4-D have been associated with mixing/loading and disposal sites. Caution must 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 any manner inconsistent with its labeling.

This product can only be used in accordance with the Directions For Use on this label. 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 regulations.

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, including plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves made of barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils, or Viton® ≥ 14 mils
- 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 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.

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.

PRODUCT INFORMATION

Sharda 2,4-D Amine 866 g/L is recommended to kill broadleaf weeds in certain crops, including, asparagus, cereal grain, corn, [hops](#), pome fruit-apples and pears, stone fruit and nut orchards, rice*, wild rice, sorghum, soybeans, strawberries**, sugarcane, fallowland and crop stubble, forestry use, and grassy areas including 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 product will also control floating weeds on ponds and lakes.

*Not for use in California.

**Not for use in California or Florida.

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 **Sharda 2,4-D Amine 866 g/L** 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 must 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 must 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.

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.

Use Restrictions

- ~~Do not~~**DO NOT** apply this product through any type of irrigation system.
- ~~Do not~~**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.
- Users must 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.

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 (ASABE 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 (ASABE 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 non-target species, non-target 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 ft. 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.

Additional Requirements for Ground Boom Application:

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

WEEDS CONTROLLED

The following weeds are controlled when sprayed in accordance with the directions hereon:

Alligatorweed	Chicory	Honeysuckle	Poorjoe	Sumac
Arrowhead	Cocklebur	Indigo	Puncturevine	Sunflower
Beggarweed	Creeping Jenny	Ironweed	Purslane	Thistles
Bindweed	Cudweed	Jimsonweed	Ragweed	Virginia Creeper
Bitter Watercress	Curly Indigo	Lambsquarters	Red Sorrel	Water Hyacinth
Boxelder	Dichondra	Locoweed	Rush	Waterlily
Buckhorn	Dogfennel	Morningglory	Russian Thistle	Water Lettuce
Bullthistle	Duckweed	Mullein	Sagebrush	Water Primrose
Bullrush	Elderberry	Mustard	Shepherd's Purse	Wild Garlic
Burdock	False Dandelion	Parrot Feather	Smartweed	Wild Lettuce
Buttercup	Geranium	Pennywort	Sowthistle	Wild Onion
Canada Thistle	Goldenrod	Pepperweed	Spanish Needles	Wild Radish
Carpetweed	Hemp	Pigweed	Spiny Amaranth	Willow
Catnip	Henbit	Poison Ivy	Stinkweed	Witchweed
Chickweed	Hoary Cress	Poisonweed		

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~~**DO NOT** use on crops under-seeded with legumes. In general, weeds are most easily killed when young and actively growing.

SPECIFIC USE DIRECTIONS

ASPARAGUS

Apply 1.87 - 2.4 pts. (1.4 - 1.8 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** 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. Spears contacted by the spray may be malformed and off-flavored. If malformed, spears must be cut immediately and discarded. Post-harvest spraying must be only by ground rig using drop nozzles to avoid spraying the fern.

Restrictions - Asparagus:

- ~~Do not~~**DO NOT** make more than 2 applications during the harvest season and these must be spaced at least 1-month apart.
- ~~Do not~~**DO NOT** apply more than 2.66 pts. (2 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
- Minimum of 30 days between applications.
- **Pre-Harvest Interval (PHI):** 3 days

CEREAL GRAINS (Wheat, Barley, Millet, Oats, and Rye)

Fall-Planted Cereal Grains - Post-Emergence: Use the preferred rate of 1 - 1.5 pts. (0.75 - 1.12 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** in 5 - 10 gals. of water to cover 1 acre. Apply in early Spring when weeds are small and before the crop has reached the boot stage (Feekes stage 10). ~~Do not~~**DO NOT** forage or graze treated grain heads within 2 weeks after treatment with 2,4-D.

Spring-Planted Cereal Grains - Post-Emergence: Use the preferred rate of 1 pt. (0.75 lb. a.e.) of **Sharda 2,4-D Amine 866 g/L** in 5 - 10 gals. of water to cover 1 acre. Apply after the fully tillered stage (Feekes stage 5). ~~Do not~~**DO NOT** make post-emergence applications between the boot and dough stage (Feekes Stages 10 - 11.2). Oats are more sensitive to 2,4-D than other grains and must be sprayed in the Spring when well-established; after wheat is tillered and before jointing (between Feekes stages 3 - 8).

Restrictions - Cereal Grains:

- **Post-Emergence:**
 - ~~Do not~~**DO NOT** make more than 1 post-emergence application per crop cycle.
 - ~~Do not~~**DO NOT** apply more than 1.66 pts. (1.25 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
- **Pre-Harvest:**
 - ~~Do not~~**DO NOT** make more than 1 pre-harvest application per crop cycle.
 - ~~Do not~~**DO NOT** apply more than 0.66 pt. (0.5 lb. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
- ~~Do not~~**DO NOT** apply more than 2.33 pts. (1.75 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per crop cycle.
- ~~Do not~~**DO NOT** feed treated straw to livestock.
- **Pre-Harvest Interval (PHI):** 14 days

CORN (Field Corn, Popcorn, and Sweet Corn)

Use 0.66 - 1.33 pts. (0.5 - 1 lb. a.e.) of **Sharda 2,4-D Amine 866 g/L** in 5 - 10 gals. of water to cover 1 acre when weeds are in active growth. Local climatic conditions determine when treatment must be made. Best results are usually obtained when plants are 4" - 10" tall. ~~Do not~~**DO NOT** cultivate soon after spraying while plants are brittle.

Restrictions - Corn (Field Corn and Popcorn):

- **Pre-Plant or Pre-Emergence:**
 - ~~Do not~~**DO NOT** make more than 1 pre-plant or 1 pre-emergence application per crop cycle.
 - ~~Do not~~**DO NOT** apply more than 1.33 pts. (1 lb. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
- **Post-Emergence:**
 - ~~Do not~~**DO NOT** make more than 1 post-emergence application per crop cycle.
 - ~~Do not~~**DO NOT** apply more than 0.66 pt. (0.5 lb. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
- **Pre-Harvest:**
 - ~~Do not~~**DO NOT** make more than 1 pre-harvest application per crop cycle.
 - ~~Do not~~**DO NOT** apply more than 2 pts. (1.5 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
- ~~Do not~~**DO NOT** apply more than 4 pts. (3 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per crop cycle.
- **Pre-Harvest Interval (PHI):** 7 days
- **Pre-Grazing Interval (PGI):** ~~Do not~~**DO NOT** use treated crop as fodder for 7 days following application.

Restrictions - Corn (Sweet Corn):

- **Pre-Plant or Pre-Emergence:**
 - ~~Do not~~**DO NOT** make more than 1 pre-plant or 1 pre-emergence application per crop cycle.
 - ~~Do not~~**DO NOT** apply more than 1.33 pts. (1 lb. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
- **Post-Emergence:**
 - ~~Do not~~**DO NOT** make more than 1 post-emergence application per crop cycle.
 - ~~Do not~~**DO NOT** apply more than 0.66 pt. (0.5 lb. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
- ~~Do not~~**DO NOT** apply more than 2 pts. (1.5 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per crop cycle.
- Minimum of 21 days between applications.
- **Pre-Harvest Interval (PHI):** 45 days
- **Pre-Grazing Interval (PGI):** ~~Do not~~**DO NOT** use treated crop as fodder for 7 days following application.

HOPS

Use as a post-emergence application at a rate of 0.66 pts. (0.5 lb. a.e.) per acre of **Sharda 2,4-D Amine 866 g/L**. For broadcast application, use a spray volume of 2 gallons or more per acre by air and 10 gallons or more per acre for ground equipment. Make

[directed applications to the row middles. Make up to 3 applications at 30 day intervals with the last application before harvest.](#)

[Precautions: Hop foliage, especially new growth, is susceptible to this product. Take care to avoid spray or drift outside target area. The use of shielded or hooded sprayers, coarse sprays and low pressure \(30 psi or less\) will minimize contact with foliage and plant injury.](#)

Restrictions - Hops:

- [Pre-Harvest Interval \(PHI\): 28 days](#)
- [Post-Emergence:](#)
 - [Limited to 3 applications per crop cycle.](#)
 - [Do not apply more than 0.66 pt. \(0.5 lb. a.e.\) of Sharda 2,4-D Amine 866 g/L per acre per application.](#)
 - [Do not apply more than 2 pt \(1.5 lbs. a.e.\) of Sharda 2,4-D Amine 866 g/L per acre per crop cycle.](#)
 - [Minimum 30 days between applications.](#)

[When tank mixing with products that contain 2,4-D, ~~do not~~DO NOT exceed a combined total of 1.5 lbs. a.e. per crop cycle.](#)

POME FRUIT - APPLE AND PEAR ORCHARDS

Non-Bearing Trees (well-established, 1-year or older) and Bearing Trees before and after bloom

Use 1.87 pts. (1.4 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** in 20 - 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).

Restrictions - Pome Fruit - Apple and Pear Orchards:

- ~~Do not~~**DO NOT** make more than 2 applications per crop cycle.
- ~~Do not~~**DO NOT** apply more than 2.66 pts. (2 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
- Minimum of 75 days between applications.
- ~~Do not~~**DO NOT** cut orchard floor forage for hay within 7 days of application.
- **Pre-Harvest Interval (PHI):** 14 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. (2 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre. Apply using coarse sprays and low-pressure in sufficient volume of water to obtain thorough wetting of weeds.

When applying **Sharda 2,4-D Amine 866 g/L** in orchards, apply only after irrigation and allow maximum time before the next irrigation. 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. Application to bare ground may result in injury. Trees must be at least 1-year-old and in vigorous condition before application is made.

Restrictions - Orchards:

- ~~Do not~~**DO NOT** apply around fruit trees with handgun.
- ~~Do not~~**DO NOT** apply during windy periods or extremely high temperatures.
- ~~Do not~~**DO NOT** use on light, sandy soil.
- ~~Do not~~**DO NOT** allow spray to drift or contact foliage, fruit, stems, trunk of trees, or exposed roots, as injury may result.
- ~~Do not~~**DO NOT** apply during bloom.

Restrictions - Stone Fruit:

- **Post-Emergence:** ~~Do not~~**DO NOT** make more than 2 applications per crop cycle.
- ~~Do not~~**DO NOT** apply more than 2.66 pts. (2 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
- Minimum of 75 days between applications.
- ~~Do not~~**DO NOT** cut orchard floor forage or hay within 7 days of application.
- **Pre-Harvest Interval (PHI):** 40 days

Restrictions – Filberts [(Not for use in California)]:

- ~~Do not~~**DO NOT** make more than 4 applications per year.
- ~~Do not~~**DO NOT** apply more than 1.33 pts. (1 lb. a.e.) of **Sharda 2,4-D Amine 866 g/L** per 100 gals. of spray solution per application.
- Minimum of 30 days between applications.
- **Pre-Harvest Interval (PHI):** 45 days

Restrictions - Pistachios and other Tree Nuts:

- **Post-Emergence:** ~~Do not~~**DO NOT** make more than 2 applications per year.
- ~~Do not~~**DO NOT** apply more than 2.66 pts. (2 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
- Minimum of 30 days between applications.
- ~~Do not~~**DO NOT** cut orchard floor forage or hay within 7 days of application.

- **Pre-Harvest Interval (PHI):** 60 days

RICE

[(Not for use in California.)]

For post-emergence applications, use a maximum of 2 pts. (1.5 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** in 5 to 10 gals. of water to cover 1 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 must be shallow enough to permit direct application of the spray material to the weeds. Make all treatments well in advance of heading. If a pre-plant application is made, the post-emergence application must be reduced to not use any more than the maximum of 2 pts. (1.5 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per crop cycle.

Restrictions - Rice:

- **Pre-Plant:**
 - ~~Do not~~**DO NOT** make more than 1 pre-plant application per crop cycle.
 - ~~Do not~~**DO NOT** apply more than 1.33 pts. (1 lb. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
- **Post-Emergence:**
 - ~~Do not~~**DO NOT** make more than 1 post-emergence application per crop cycle.
 - ~~Do not~~**DO NOT** apply more than 2 pts. (1.5 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
- ~~Do not~~**DO NOT** apply more than 2 pts. (1.5 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per crop cycle.
- **Pre-Harvest Interval (PHI):** 60 days

WILD RICE (Minnesota Only)

Applications to Wild Rice is made in the 1 to 2 aerial leaf to early tillering stage and after Waterplantain has emerged from the water and when Wild Rice is in the 1 to 2 aerial leaf stage.

Use a maximum of 0.33 pt. (0.25 lb. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre. Broadcast in 4 to 10 gallons total spray volume.

For use only on wild rice grown in commercial paddies. Water that is drained out of wild rice paddies is not to be used to irrigate other crops. In order to protect federally listed endangered species, the Minnesota Department of Agriculture has a program to pre-notify landowners where pesticide applications may affect federally listed endangered or threatened species.

Restrictions - Wild Rice:

- **Post-Emergence:**
 - ~~Do not~~**DO NOT** make more than 1 post-emergence application per crop cycle.
 - ~~Do not~~**DO NOT** apply more than 0.33 pt. (0.25 lb. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
- **Pre-Harvest Interval (PHI):** 60 days
- ~~Do not~~**DO NOT** spray after wild Rice has reached the boot stage.
- ~~Do not~~**DO NOT** apply to wild Rice growing in lakes or streams.

SORGHUM

Apply 0.33 to 1 pts. per acre of **Sharda 2,4-D Amine 866 g/L** for plants 4 to 10 inches. Apply 0.5 to 1 pts. per acre of **Sharda 2,4-D Amine 866 g/L** for plants 10 inches and above.

Apply when Sorghum is 6 to 15 inches tall with secondary roots well established. If Sorghum is taller than 8 inches to top of the canopy, use drop nozzles and keep spray off the foliage.

Precautions: Temporary crop injury can be expected under conditions of high soil moisture and high air temperatures. If it is necessary to apply this product under these conditions, use no more than 0.66 pint per acre. Sorghum hybrids vary in 2,4-D tolerance. Apply only to varieties known to be tolerant to 2,4-D. Consult your seed company representative or local agricultural experiment station or extension service weed specialist for information on 2,4-D tolerance of Sorghum varieties.

Restrictions - Sorghum:

- **Post-Emergence:**
 - ~~Do not~~**DO NOT** make more than 1 post-emergence application per crop cycle.
 - ~~Do not~~**DO NOT** apply more than 1.33 pts. (1 lb. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
- ~~Do not~~**DO NOT** permit meat or dairy animals to consume treated crop as fodder or forage for 30 days following application.
- **Pre-Harvest Interval (PHI):** 30 days
- ~~Do not~~**DO NOT** harvest grain for 30 days.
- ~~Do not~~**DO NOT** use with oil or other adjuvants.
- ~~Do not~~**DO NOT** treat during the boot, flowering or dough stage. Higher rates may be used to control some hard to control weeds.

SOYBEANS - FOR USE IN CROP RESIDUE MANAGEMENT SYSTEMS (Pre-Plant Only)

Sharda 2,4-D Amine 866 g/L is a phenoxy-type herbicide that provides post-emergence control of many susceptible annual and perennial broadleaf weeds. **Sharda 2,4-D Amine 866 g/L** may be applied prior to planting soybeans to provide foliar burndown control of susceptible annual and perennial broadleaf weeds and certain broadleaf cover crops including those listed on this label. **Sharda 2,4-**

D Amine 866 g/L must only be applied pre-plant to soybeans in situations including reduced tillage production systems, where emerged weeds are present. Apply only according to the application instructions given below.

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.

Mixing Instructions

Compatible crop oil concentrates, agricultural surfactants and fluid fertilizers approved for use on growing crops may increase the herbicidal effectiveness of **Sharda 2,4-D Amine 866 g/L** 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.

Restrictions - Soybeans:

- ~~Do not~~**DO NOT** make more than 1 application per crop cycle.
- ~~Do not~~**DO NOT** apply more than 1.33 pts.(1 lb. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per pre-plant application.
- ~~Do not~~**DO NOT** apply more than 1.33 pts. (1 lb. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per crop cycle.
- ~~Do not~~**DO NOT** use any tillage operations between application of **Sharda 2,4-D Amine 866 g/L** and planting of soybeans.
- ~~Do not~~**DO NOT** apply less than 30 days prior to planting soybeans.

STRAWBERRIES (Established Planting Only)

[(Not for use in California or Florida.)]

To control broadleaf weeds in established strawberry plantings, apply 1.2 - 2 pts. (0.93 - 1.5 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** in 25 - 50 gals. of water per acre. Apply in early Spring when strawberries are dormant or immediately after the last picking. Follow State Extension Weed or Horticultural Specialist specifications in your area.

Restrictions - Strawberries:

- ~~Do not~~**DO NOT** apply in California or Florida.
- ~~Do not~~**DO NOT** apply unless possible injury to the crop is acceptable.
- ~~Do not~~**DO NOT** make more than 1 application per crop cycle.
- ~~Do not~~**DO NOT** apply more than 2 pts. (1.5 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.

SUGARCANE

Use 2 pts. (1.5 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre as Fall and Spring drill (or band) sprays, and 2.5 pts. (1.8 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre as blanket spray immediately after lay-by, to aid in control of Johnsongrass seedlings and susceptible broadleaved weeds.

Restrictions - Sugarcane:

- **Pre-Emergence:**
 - ~~Do not~~**DO NOT** make more than 1 application per crop cycle.
 - ~~Do not~~**DO NOT** apply more than 2.66 pts. (2 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
- **Post-Emergence:**
 - ~~Do not~~**DO NOT** make more than 1 application per crop cycle.
 - ~~Do not~~**DO NOT** apply more than 2.66 pts. (2 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
- ~~Do not~~**DO NOT** apply more than 5.33 pts. (4 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per crop cycle.
- ~~Do not~~**DO NOT** harvest cane prior to crop maturity.

SUGARCANE (Hawaii Only)

Apply 0.37 - 0.75 pt. (0.28 - 0.56 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application as required.

Restrictions - Sugarcane:

- **Pre-Emergence:**
 - ~~Do not~~**DO NOT** make more than 1 application per crop cycle.
 - ~~Do not~~**DO NOT** apply more than 2.66 pts. (2 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
- **Post-Emergence:**
 - ~~Do not~~**DO NOT** apply more than 2.66 pts. (2 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
 - Lay-by applications may be made, but crop damage may occur in some sugarcane cultivars.
- ~~Do not~~**DO NOT** apply more than 5.33 pts. (4 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per year.
- ~~Do not~~**DO NOT** harvest cane prior to crop maturity.
- ~~Do not~~**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.

Islands of Maui and Kauai

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 1,000 ft. of sensitive areas including 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 ft.
 - Apply only as a coarse or coarser spray (ASABE standard 572 or a volume mean diameter of 385 microns).
 - Use a spray drift retardant and/or other measures known to control drift.
- **Ground Broadcast Applications - Ground applicators must:**
 - Apply by ground boom with nozzle height no more than 2 ft. above ground (pre-emergence) or crop canopy (post-emergent broadcast) applications or, for directed sprays, no more than 1 ft. 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 (ASABE standard 572) or a volume mean diameter of 385 microns.
 - Use spray drift retardants and/or other measures known to control drift.
- 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.

GRASSES

In established turf and lawns, use 0.5 - 2 pts. (0.37 - 1.5 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre (the lower rate on more easily injured grasses). For small areas, use 0.25 - 1 fl. oz. (0.5 - 2 tablespoons) of **Sharda 2,4-D Amine 866 g/L** per 1000 sq. ft.; mix in 3 - 5 gals. 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.

Restrictions - Grasses:

- ~~Do not~~**DO NOT** make more than 2 applications per year.
- ~~Do not~~**DO NOT** apply more than 4 pts. (3 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
- ~~Do not~~**DO NOT** apply more than 4 pts. (3 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per season, excluding spot treatments.

Restrictions - Turf, ornamental (Golf Courses, Cemeteries, Parks, Sports Fields, Turfgrass, Lawns, and Other Grass Areas):

- **Post-Emergence:**
 - ~~Do not~~**DO NOT** make more than 2 applications per year.
 - ~~Do not~~**DO NOT** apply more than 2 pts. (1.5 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
- ~~Do not~~**DO NOT** apply more than 4 pts. (3 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per season, excluding spot treatments.

Grass Grown for Seed or Sod: In grass seed fields, use 1 - 2 pts. (0.75 - 1.5 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** 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 must not be treated until after the second mowing and the lower dosage must be used.

Restrictions - Grass Grown for Seed or Sod:

- ~~Do not~~**DO NOT** make more than 2 applications per year.
- ~~Do not~~**DO NOT** apply more than 2 pts. (1.5 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
- ~~Do not~~**DO NOT** apply more than 4 pts. (3 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per season, excluding spot treatments.
- ~~Do not~~**DO NOT** graze dairy animals on treated areas within 7 days after application.
- ~~Do not~~**DO NOT** graze meat animals on treated areas within 3 days before slaughter.
- ~~Do not~~**DO NOT** cut treated grass for hay within 30 days after application.

FALLOWLAND AND CROP STUBBLE

Apply 0.6 - 1.8 pts. (0.45 - 1.35 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre on annual broadleaf weeds and up to 2.66 pts. (2 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre on established perennial species. Apply to actively growing weeds. See **Planting in Treated Areas** section.

Restrictions - Fallowland and Crop Stubble:

- ~~Do not~~**DO NOT** make more than 2 applications per year.
- ~~Do not~~**DO NOT** apply more than 2.66 pts. (2 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
- Plant only labeled crops within 29 days following application.
- Minimum of 30 days between applications.
- ~~Do not~~**DO NOT** graze dairy animals on treated areas within 7 days after application.
- ~~Do not~~**DO NOT** graze meat animals on treated areas within 3 days before slaughter.
- ~~Do not~~**DO NOT** cut treated grass for hay within 30 days after application.

FORESTRY USE

(Forest Site Preparation, Forest Roadsides, Brush Control, Established Conifer Release, Including Christmas Trees, and Reforestation Areas)

Forest Site Preparation

To control alder, susceptible broadleaf weeds, and susceptible woody plants before planting forest seedlings, apply 2.6 - 5.3 pts. (1.95 - 3.98 lbs. a.e.) **Sharda 2,4-D Amine 866 g/L** in 5 - 25 gals. of water, per acre. To provide uniform uptake of product, apply when sufficient foliage exists.

- **Broadcast Application:** To control alder, susceptible broadleaf weeds, and susceptible woody plants before planting forest seedlings, apply 2.6 - 5.3 pts. (1.95 - 3.98 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** in 5 - 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 - 3.7 pts. (0.93 - 2.8 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre in a minimum of 5 gals. spray mixture per acre. For best results, apply in the Spring before budbreak or after bud-set 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 including alder, aspen, birch, blackgum, cherry, oak, poplar spp., sweetgum, and tulip poplar, make injections or cuts around the tree or stem, using 1 injection or cut per inch of trunk diameter. For resistant species including hickory, injection cuts must touch. For best results, injections must be made during the growing season, May 15th to October 15th.

- **For Concentrate Injections or Stump Treatments (Injections):** Use 0.6 - 1.3 mL of undiluted **Sharda 2,4-D Amine 866 g/L** (no more than 4 lbs. a.e.) formulation per injection site. The injection bit must penetrate the inner bark.
- **Basal Spray, Cut Surface - Stumps and Frill:** Limit of 1 basal spray or cut surface application per year. Maximum of 10.6 pts. (8 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per 100 gals. of spray solution.

Restrictions - Forestry Use:

- **Broadcast Application:**
 - ~~Do not~~**DO NOT** make more than 1 application per year.
 - ~~Do not~~**DO NOT** apply more than 5.33 pts. (4 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per year.
- **Concentrate Injections or Stump Treatments (Injections):**
 - ~~Do not~~**DO NOT** make more than 1 application per year.
 - ~~Do not~~**DO NOT** apply more than 4 lbs. a.e. of **Sharda 2,4-D Amine 866 g/L** per gallon formulation per injection site.
- **Basal Spray, Cut Surface - Stumps and Frill:**
 - ~~Do not~~**DO NOT** make more than 1 application per year.
 - ~~Do not~~**DO NOT** apply more than 10.6 pts. (8 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per 100 gals. of spray solution.

PASTURE AND RANGELAND

(Established Grass Pastures, Rangeland, and Perennial Grasslands Not in Agricultural Production)

Apply 1.33 pts. of **Sharda 2,4-D Amine 866 g/L** per acre on annual broadleaf weeds. Apply 1.33 to 2.66 pts. of **Sharda 2,4-D Amine 866 g/L** per acre on biennial and perennial broadleaf weeds.

Apply when weeds are small and actively growing and prior to bud stage. Spray while musk thistles or other biennial species are in the seedling to rosette stage and before flower stalks become apparent. The lower rate can be used in the spring during rosette stage. Use the highest rate in the fall or after flower stalks have developed. ~~Do not~~**DO NOT** apply to new areas until grass is well established. ~~Do not~~**DO NOT** apply to grass in the early boot through milk stage if grass seed production is desired. Bentgrass and legumes may be injured by this treatment.

Restrictions

- ~~Do not~~**DO NOT** cut forage for hay within 7 days of application.
- **Post-Emergence:**
 - For susceptible annual and biennial broadleaf weeds, use 1.33 pts. (1 lb. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
 - For moderately susceptible biennial and perennial broadleaf weeds, use 1.33 - 2.66 pts. (1 - 2 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
 - For difficult to control weeds and woody plants, use 2.66 pts. (2 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
- **Spot Treatment:**
 - Use 2.66 pts. (2 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre.
- ~~Do not~~**DO NOT** make more than 2 applications per year.
- ~~Do not~~**DO NOT** apply more than 5.33 pts. (4 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** 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.

NON-SELECTIVE WEED CONTROL AND PREVENTION OF SEED FORMATION – NON-CROPLAND

(Fencerows, Hedgerows, Roadsides, Ditches, Rights-Of-Way, Utility Power Lines, Railroads, Airports, and Industrial Sites)

Restrictions - Non-Selective Weed Control and Prevention of Seed – NON-CROPLAND:

- **Post-Emergence (Annual and Perennial Weeds):**
 - ~~Do not~~**DO NOT** make more than 2 applications per year.
 - Use a maximum of 2.66 pts. (2 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre per application.
 - Minimum of 30 days between applications.
- **Post-Emergence (Woody Plants):**
 - ~~Do not~~**DO NOT** make more than 1 application per year.
 - Use a maximum of 5.33 pts. (4 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** 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.

ANNUAL AND PERENNIAL BROADLEAF WEEDS: Use 1.3 to 2.66 pints of **Sharda 2,4-D Amine 866 g/L** per acre. ~~Do not~~**DO NOT** use on herbaceous ground covers or creeping grass such as Bentgrass. Legumes will usually be damaged or killed. Deep-rooted perennials may require repeat applications. ~~Do not~~**DO NOT** use on freshly seeded turf until grass is well established. Delay reseeding for 3 months or until 2,4-D has disappeared from soil.

WOODY PLANT CONTROL: To control woody plants susceptible to 2,4-D, such as alder, buckbrush, elderberry, sumac, and willow on non-crop areas, use 2.66 to 5.33 pints of **Sharda 2,4-D Amine 866 g/L** per acre in 100 gallons of water. Wet all parts of the plants thoroughly, including stem and foliage, to the point of run off. Higher volumes of up to 400 gallons per acre are necessary where the brush is very dense and over 6 to 8 feet high. Applications are more effective when made on actively growing plants. Treatment should not be made during time of severe drought or in early Fall when leaves lose their green color. Hard to control species may require re-treatment next season.

TREE INJECTION: For the control of unwanted hardwoods such as elm, oak, hickory, and sweetgum in forest and other non-crop areas, apply undiluted **Sharda 2,4-D Amine 866 g/L** by injecting 2/3 ml through the bark, using one injection per inch of trunk diameter measured at breast height (4 1/2 feet). For harder to control species (ash, maple, dogwood), use 1-1/3 ml of undiluted **Sharda 2,4-D Amine 866 g/L** per injection. All injections should be as near the root collar as possible and should be evenly spaced around the trunk. Injections may be made at any time of the year but are most effective during the growing season. Maples should not be treated during the spring sap rise.

AQUATIC USES – 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 pts. (42.5 fl. oz.) (2 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** is used in 100 gals. 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 must 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 equipment is suggested. When aerial applications are made, they must 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 1/3 - 1/2 of the water area in a single operation and wait at least 10 - 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.

Ditch-Bank Application

Post-Emergence: Limited to 2 applications per season. Use a maximum of 2.66 pts. (2 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** 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 ft. 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 Ditch-Bank 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 ft. overspray onto water.

Floating and Emergent Weeds: Use a maximum of 5.3 pts. (4 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** 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 including pastures, turf, or cereal grains, the treated water may be used to irrigate and/or mix sprays for these sites at any time 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:
 - A setback distance from functional water intake(s) of greater than or equal to 600 ft. was used for the application, or
 - A waiting period of 7 days from the time of application has elapsed, or
 - 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.

2. Drinking Water (Potable Water):

- A. Consult with appropriate State or local water authorities before applying **Sharda 2,4-D Amine 866 g/L** 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 must 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 **Sharda 2,4-D Amine 866 g/L** 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 must be located every 250 ft. including the shoreline of the treated area and up to 250 ft. 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 no more than 70 ppb 2,4-D (100 ppb for irrigation or sprays).

Application Date: _____ Time: _____ .

- D. Following each application of **Sharda 2,4-D Amine 866 g/L**, treated water must not be used for drinking water unless one of the following restrictions has been observed:
 - A setback distance from functional water intake(s) of greater than or equal to 600 ft. was used for the application, or
 - A waiting period of 7 days from the time of application has elapsed, or
 - 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 must 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, including 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.

Submersed Weeds

Use a maximum of 14.3 pts. (10.8 lbs. a.e.) of **Sharda 2,4-D Amine 866 g/L** per acre-foot per application. Limited to 2 applications per

season. Apply to aquatic weeds in ponds, lakes, reservoirs, marshes, bayous, drainage ditches, non-irrigation 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.

Amount of 2,4-D to Apply for a Target Subsurface Concentration

Surface Area	Average Depth	For Typical Conditions – 2 ppm (2,4-D a.e. per Acre-Foot)	For Difficult Conditions – 4 ppm* (2,4-D a.e. per Acre-Foot)
1 acre	1 ft.	5.4	10.8
	2 ft.	10.8	21.6
	3 ft.	16.2	32.4
	4 ft.	21.6	43.2
	5 ft.	27	54

*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 including pastures, turf, or cereal grains, the treated water may be used to irrigate and/or mix sprays for these sites at any time 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, non-crop 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:
 - A setback distance described in the Drinking Water Setback Table was used for the application, or
 - A waiting period of 21 days from the time of application has elapsed, or
 - An approved assay indicates that the 2,4-D concentration is 100 ppb (0.1 ppm) or less at the water intake. See **Table 2** 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 must 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 submersed weed applications, the drinking water setback distances from functioning potable water intakes are provided in **Table 1. Drinking Water Setback Distance** (below).
- C. If no setback distance from the **Drinking Water Setback Distance** table (**Table 1**) 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 must be located every 250 ft. including the shoreline of the treated area and up to 250 ft. 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 no sooner than stated in **Table 2** (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 2**) and is demonstrated by assay to contain no more than 70 ppb 2,4-D (100 ppb for irrigation or sprays).

Application Date: _____ Time: _____ .

- D. Following each application of **Sharda 2,4-D Amine 866 g/L**, treated water must not be used for drinking water unless one of the following restrictions has been observed:
 - A setback distance described in the **Drinking Water Setback Distance** table (**Table 1**) was used for the application, or
 - A waiting period of at least 21 days from the time of application has elapsed, or
 - 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 must occur no sooner than stated in **Table 2**. 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, including 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.

Table 1. Drinking Water Setback Distance for Submersed Weed Applications

Application Rate and Minimum Setback Distance (Feet) From Functioning Potable Water Intake			
1 ppm*	2 ppm*	3 ppm*	4 ppm*
600	1,200	1,800	2,400

*ppm acid equivalent target water concentration.

Table 2. 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			
1 ppm*	2 ppm*	3 ppm*	4 ppm*
5	10	10	14

*ppm acid equivalent target water concentration.

STORAGE AND DISPOSAL

Do not contaminate water, foods, 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 must 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 unused pesticide, spray mixture, or rinse water is a violation of Federal law and may contaminate groundwater. If these wastes cannot be used 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 in proper disposal methods.

CONTAINER HANDLING:

[Less Than or Equal to 5 Gallons] [Nonrefillable container. ~~DO NOT~~ Do not reuse or refill this container. Offer for recycling if available. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ 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 if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration or by other procedures allowed by state and local authorities.]

[Greater Than 5 Gallons] [Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple 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 ¼ 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. Dispose of empty container in a sanitary landfill or by incineration.]

[For Bulk and Mini-Bulk Containers] [Refillable container. Refill this container with pesticide only. Do not use 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 person refilling. To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by State and local authorities.]

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control

of Sharda USA LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Sharda USA LLC and Seller harmless for any claims relating to such factors.

Sharda USA LLC 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, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or Sharda USA LLC and Buyer and User assume the risk of any such use. To the extent consistent with applicable law, SHARDA USA LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, neither Sharda USA LLC nor Seller shall be liable for any incidental, consequential, or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SHARDA USA LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SHARDA USA LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

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[OPTIONAL MARKETING LANGUAGE]

<p><u>1</u></p>	<p>[www.shardausa.com]</p>  <p>[]</p>
<p><u>2</u></p>	<p>[Handle with Care]</p>
<p><u>3</u></p>	<p>[This side Up]</p>
<p><u>4</u></p>	<p>[The below graphic to be added to box if formulated in the United States]</p>  <p>[]</p>