

# Specimen Label

2,4-D CHOLINE SALT	Group	4	HERBICIDE
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Dow AgroSciences



HERBICIDE

®™Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

**For control of annual and perennial weeds and use on Enlist™ corn, soybeans and cotton; use as a non-selective burndown; chemical fallow; and use as a preplant or preemergence or postemergence herbicide on listed crops, for control of emerged weeds only.**

**2,4-D products that do not contain COLEX-D™ Technology are not authorized for use in conjunction with Enlist corn, soybeans and cotton.**

**Do not allow contact of herbicide with foliage of desirable plants and trees because severe injury or destruction may result.**

**For approved states, see Uses Restrictions.**

Active Ingredient(s):

2,4-Dichlorophenoxyacetic acid, choline salt .....	55.7%
Other Ingredients.....	44.3%
Total.....	100.0%

2,4-dichlorophenoxyacetic acid equivalent – 38% - 3.8 lb/gal

## Precautionary Statements

### Hazards to Humans and Domestic Animals

EPA Reg. No. 62719-695

## WARNING

**May be fatal if swallowed. Causes substantial but temporary eye injury. Harmful if absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not get in eyes or on clothing. Avoid contact with skin.**

**Do not get in eyes or on clothing.**

### Personal Protective Equipment (PPE)

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

- Long-sleeved shirt and long pants
- Shoes and socks, plus
- Waterproof gloves
- Protective eyewear (goggles, faceshield, or safety glasses).
- 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

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-5)], the handler PPE requirements may be reduced or modified as specified in the WPS.

## User Safety Recommendations

Users should:

- Wash hands 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.
- 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.

## First Aid

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

**If 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**If on skin:** 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.

Have the product container or label with you when calling poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994, for emergency medical treatment information.

## Environmental Hazards

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift or runoff may adversely affect aquatic invertebrates and non-target plants. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

## Physical and Chemical Hazards

Spray solutions of this product must be mixed, stored and applied using only stainless steel, aluminum, fiberglass, plastic or plastic lined containers.

**Do not mix, store or apply this product or spray solutions of this product in galvanized steel or unlined steel containers or spray tanks.**

## Directions for Use

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

Read all Directions for Use carefully before applying.

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

### TANK-MIXING INSTRUCTIONS:

Enlist One may only be tank-mixed with products that have been tested and found not to adversely affect the spray drift properties of Enlist One. A list of those products may be found at [EnlistTankmix.com](http://EnlistTankmix.com).

### DO NOT TANK-MIX ANY PRODUCT WITH Enlist One unless:

1. You check the list of tested products found not to adversely affect the spray drift properties of Enlist One at [EnlistTankmix.com](http://EnlistTankmix.com) no more than 7 days before applying Enlist One; and
2. The product you tank-mix with Enlist One is identified on that list of tested products.

## 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.

## Agricultural Use Requirements (Cont.)

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:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear (goggles, faceshield, or safety glasses)

## Storage and Disposal

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

**Pesticide Storage:** Store in a cool, dry place. Store in original container. In case of leak or spill, contain material and dispose as waste.

**Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

### Nonrefillable containers 5 gallons or less:

**Container Handling:** Nonrefillable container. Do not reuse or refill this container.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **Pressure rinse** as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank 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. 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.

### Refillable containers larger than 5 gallons:

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

### Nonrefillable containers 5 gallons or larger:

**Container Handling:** Nonrefillable container. Do not reuse or refill this container.

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 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. 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.

## Product Information

Enlist One™ herbicide is a systemic herbicide that is intended for control of emerged annual and perennial broadleaf weeds. Enlist One is designed to be applied to crops containing Enlist™ traits. These are patented genes that provide tolerance to Enlist One. Certain other uses are also permitted, as specified in this label. Corn, soybeans, and cotton or any

other crop without the Enlist trait will be seriously damaged by foliar applications of Enlist One.

When this product is applied as directed and under the circumstances described, it controls annual and perennial broadleaf weeds listed in this label.

**Time to Symptoms on Susceptible Plants:** Initial symptoms include drooping leaves and epinasty, which typically occurs within 24 hours of foliar treatment. This is followed by chlorosis, necrosis, further leaf/stem malformation and, growth inhibition. Complete death and desiccation of susceptible plants occurs within 3-5 weeks.

**Stage of Broadleaf Weeds:** Annual weeds are easiest to control when they are small. Best control of most perennial weeds is obtained when treatment is made at late growth stages approaching maturity. Refer to the annual and perennial rate tables for specific weeds. When treating weeds with disease or insect damage, weeds heavily covered with dust, or weeds under poor growing conditions, reduced weed control may result.

**Rainfastness:** Heavy rainfall soon after application may wash off this product from the foliage.

**Spray Coverage:** For best results, spray coverage should be uniform and complete. Do not spray weed foliage to the point of runoff.

**Mode of Action:** 2,4-D, the active ingredient in this product, mimics the naturally occurring plant auxins and overloads the plant's auxin balance affecting vital processes, such as cell division and elongation, resulting in abnormal growth and plant death.

**Limited Soil Activity:** Though some suppression of annual weeds emerging soon after application may occur when this product is applied at higher rates within the rate range, optimum control is achieved when the majority of weeds are emerged at the time of application. Unemerged plants arising from unattached underground rhizomes or rootstocks of perennials will not be affected by the herbicide and will continue to grow.

**Biological Degradation:** Degradation of this product is primarily a biological process carried out by soil microbes.

## Herbicide Resistance Management

2,4-D, the active ingredient in this product, is a Group 4 herbicide (synthetic auxin). Some naturally occurring weed biotypes that are tolerant (resistant) to 2,4-D may exist due to genetic variability in a weed population. Where resistant biotypes exist, the repeated use of herbicides with the same modes of action can lead to the selection for resistant weeds. Certain agronomic practices delay or reduce the likelihood that resistant weed populations will develop and can be utilized to manage weed resistance once it occurs.

Proactively implementing diversified weed control strategies to minimize selection for weed populations resistant to one or more herbicides is a best practice. A diversified weed management program may include the use of multiple herbicides with different modes of action and overlapping weed spectrum with or without tillage operations and/or other cultural practices. Research has demonstrated that using the labeled rate and directions for use is important to delay the selection for resistance.

The continued availability of this product depends on the successful management of the weed resistance program; therefore, it is very important to perform the following actions.

To aid in the prevention of developing weeds resistant to this product, the following steps should be followed:

- Scout fields before application to ensure herbicides and rates will be appropriate for the weed species and weed sizes present.
- Apply full rates of Enlist One in combination with another herbicide with a different mode of action and overlapping spectrum (See Tank Mix section). Choose the rate for the most difficult to control weed in the field at the specified time (correct weed size) to minimize weed escapes.
- Scout fields after application to detect weed escapes or shifts in weed species.
- Report any incidence of non-performance of this product against a particular weed species to your Dow AgroSciences retailer, representative or call 1-855-ENLIST-1(1-855-365-4781)
- If resistance is suspected, treat weed escapes with an herbicide having a mode of action other than Group 4 and/or use non-chemical methods to remove escapes, as practical, with the goal of preventing further seed production.

Additionally, users should follow as many of the following herbicide resistance management practices practical:

- Use a broad spectrum soil-applied herbicide with other modes of action as a foundation in a weed control program.
- Utilize sequential applications of herbicides with alternative modes of action.
- Rotate the use of this product with non-Group 4 herbicides.

- Incorporate non-chemical weed control practices, such as mechanical cultivation, crop rotation, cover crops and weed-free crop seeds, as part of an integrated weed control program.
- Thoroughly clean plant residues from equipment before leaving fields suspected to contain resistant weeds.
- Avoid using more than two applications of Enlist One and any other Group 4 herbicide within a single growing season unless in conjunction with another mode of action herbicide with overlapping spectrum.
- Manage weeds in and around fields, during and after harvest to reduce weed seed production.

Contact the local agricultural extension service, Dow AgroSciences representative, ag retailer or crop consultant for further guidance on weed control practices as needed.

### Spray Drift Management

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

**Do not aerially apply this product.**

#### Nozzle Selection

The following chart details nozzles and pressure that are allowable for use when applying Enlist One herbicide. Do not use any nozzle and pressure combination not specifically allowed in the chart.

Maximum-Operating Pressure (psi)

10      20      30      40      50      60      70      80      90      100      110

Manufacturer Model

Manufacturer	Model	10	20	30	40	50	60	70	80	90	100	110
<b>AlbuZ</b>	AVI110025						MAX 60					
	AVI11003								MAX 80			
	AVI11004									MAX 90		
	AVI11005									MAX 90		
	AVI11006									MAX 90		
	<b>GreenLeaf</b>	TADF025-D									MAX 90	
TADF03-D										MAX 90		
TADF04-D										MAX 90		
TADF05-D										MAX 90		
TADF06-D										MAX 90		
TDXL11003									MAX 80			
TDXL11004									MAX 80			
TDXL11006										MAX 90		
TDXL11008										MAX 90		
TDXL-D11002										MAX 90		
TDXL-D110025										MAX 90		
TDXL-D11003									MAX 70			
TDXL-D11004										MAX 90		
TDXL-D11006										MAX 90		
TDXL-D11008											MAX 100	
TDXL-D025									MAX 80			
<b>Hypro</b>	ULD12004									MAX 80		
	ULD12005								MAX 70			
	ULD12006								MAX 65			
<b>Lechler</b>	ID11003						MAX 60					
	ID11004									MAX 80		
	ID11005						MAX 60					
<b>TeeJet</b>	AI11002									MAX 80		
	AI110025									MAX 80		
	AI11003									MAX 80		
	AI11004									MAX 80		
	AI11005									MAX 80		
	AI11006									MAX 80		
	AI11008									MAX 80		
	AITTJ11004							MAX 50				
	AITTJ11006							MAX 60				
	AIXR11004							MAX 60				
	AIXR11005							MAX 60				
	AIXR11006							MAX 60				
TTI11002										MAX 80		
TTI110025										MAX 80		



### Ground Broadcast Spray

Boom, pull-type sprayer, floaters, pick-up sprayers, spray coupes and other ground broadcast equipment. Use the minimum boom height based upon the nozzle manufacturer's specifications. Spray drift potential is increased as boom height increases. Spray drift can be minimized if nozzle height is not greater than maximum height recommended by nozzle manufacturer for the nozzle selected.

Use the specified rates of this product as a broadcast spray unless otherwise specified. As the density of weeds increases, increase spray volume within the specified range to ensure complete coverage. Check for even distribution of spray droplets.

### Uses

Unless otherwise specified, applications may be made to control any weeds listed in the annual and perennial tables.

#### Precautions:

- The use directions are based upon a clean start at planting by using a burndown application or tillage to control existing weeds before crop emergence.
- In no-till and stale seedbed systems, a preplant burndown application of this product is recommended to control existing weeds prior to crop emergence.

#### Restrictions

- For any crop not listed in this section, do not apply less than 30 days prior to planting.
- **Pre-harvest Interval (PHI)** For broadcast burndown or preplant treatments, do not harvest or feed treated vegetation for 8 weeks following application unless otherwise specified.
- Do not irrigate treated fields for at least 24 hours after application of Enlist One.
- Do not make application of Enlist One if rain is expected in the next 24 hours.
- Enlist One is approved for use in the following states: Alabama, Arkansas, Arizona, Colorado, Delaware, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Jersey, New Mexico, New York, North Carolina, North Dakota, Oklahoma, Ohio, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Virginia, West Virginia and Wisconsin. Do not use in any other state.
- Do not use Enlist One in the following counties: Arizona (Yuma, Pinal, Maricopa, Pima, La Paz and Santa Cruz); Florida (Brevard, Broward, Charlotte, Collier, DeSoto, Glades, Hardee, Hendry, Highlands, Hillsborough, Indian River, Lee, Manatee, Martin, Miami-Dade, Okeechobee, Orange, Osceola, Palm Beach, Polk, Sarasota, and St. Lucie); Tennessee (Wilson).

### Enlist Corn

These directions are for use on ENLIST Corn. Information on crop varieties containing these traits may be obtained from your seed supplier.

#### Carriers and Spray Volumes

Apply in a broadcast spray volume of water ranging from 10 to 15 gallons per acre for best results. Do not substitute water with nitrogen solutions as carrier. See the Spray Drift Management section for specific information on spray nozzles, spray pressure, speed, boom heights, etc., and other application information.

#### Preplant (Burndown) Through Preemergence

Make a single application of 1.5 to 2.0 pints of Enlist One per acre. Use the upper end of the rate range for less susceptible weeds, more mature weeds, or weeds under stress. Apply any time before or after planting, but before corn emerges, to control weed seedlings or existing cover crops.

#### Postemergence

Apply 1.5 to 2.0 pints of Enlist One per acre. Apply when weeds are small and corn is no larger than V8 growth stage or 30 inches (free standing) tall, whichever occurs first. For corn heights 30 to 48 inches (free standing), apply only using ground application equipment using drop nozzles aligned to avoid spraying into the whorl of corn plants. Make one to two applications with a minimum of 12 days between applications.

#### Precautions:

- Applying the high rates may result in temporary, cosmetic injury in the form of spotting or temporary plant leaning. This crop response will not affect long-term crop development or yield.

#### Restrictions:

- These use directions are only for field corn identified as containing the Enlist trait.
- **Preharvest Interval:** Do not apply within 30 days of forage harvest.
- Do not apply more than one preemergence application and no more than two postemergence applications per use season.
- Do not apply more than 6.0 pints of Enlist One per acre per use season.

- Do not apply more than 2.0 pints of Enlist One per acre per application.
- Do not apply Enlist One as a preharvest application or as an application to corn later than the V8 stage of corn more than 48 inches (free standing).
- Do not aerially apply this product.

### Corn

**For use on corn that does not contain the Enlist trait.**

**Labeled Crops:** Field corn, seed corn, sweet corn, popcorn

#### Carriers and Spray Volumes

Apply in a broadcast spray volume of water ranging from 10 to 15 gallons per acre for best results. Do not apply less than 10 gallons total spray volume per acre. Do not substitute water with nitrogen solutions as carrier. See the Spray Drift Management section for specific information on spray nozzles, spray pressure, speed, boom heights, etc., for specific application information.

#### Preplant (Burndown) Through Preemergence

Make a single application of 1.5 to 2.0 pints of Enlist One per acre. Use the upper end of the rate range for less susceptible weeds, more mature weeds, or weeds under stress. Apply any time before or after planting, but before corn emerges, to control weed seedlings or existing cover crops.

#### Precautions:

- For best results, do not apply to light sandy soils as a preplant or preemergence application.

#### Restrictions:

- Do not aerially apply this product.
- Do not apply more than 4.0 pints of Enlist One per acre per use season.
- Do not apply more than 2.0 pints of Enlist One per acre per application.

### Fallow Systems to be Planted to Corn, Soybeans or Cotton

#### Carriers and Spray Volumes

Apply in a broadcast spray volume of water ranging from 10 to 15 gallons per acre for best results. Do not substitute water with nitrogen solutions as carrier. See the Spray Drift Management section for specific information on spray nozzles, spray pressure, speed, boom heights, etc., for specific application information.

#### Postharvest

Allow weeds to regrow after any damage incurred during harvest and recover from environmental stress before applying this product. Apply prior to heading of grass weeds and, if possible, before broadleaf weeds are more than 24 inches tall.

#### Chemical Fallow

This product may be applied during the fallow period prior to planting or emergence of any crop listed on this label. This product may be used as a substitute for tillage to control annual weeds in fallow fields. Broadcast treatments will control or suppress many perennial weeds in fallow fields. Follow more specific information in the directions provided for single crops to be planted. Apply this product during the fallow period up until 30 days prior to planting cotton without the Enlist trait.

#### Preplant Fallow Beds

Apply this product to fallow beds prior to planting or emergence of any crop listed on this label. Follow more specific information in the directions provided for single crops to be planted. Apply this product during the fallow period up until 30 days prior to planting cotton without the Enlist trait.

#### Restrictions:

- Do not aerially apply this product.

### ENLIST Soybean

These directions are for use on ENLIST Soybean. Information on crop varieties containing these traits may be obtained from your seed supplier.

#### Carriers and Spray Volumes

Apply in a broadcast spray volume of water ranging from 10 to 15 gallons per acre for best results. Do not substitute water with nitrogen solutions as carrier. See the Spray Drift Management section for specific information on spray nozzles, spray pressure, speed, boom heights, etc., and other application information.

#### Preplant (Burndown) Through Preemergence

Make a single application of 1.5 to 2.0 pints of Enlist One per acre. Use the upper end of the rate range for less susceptible weeds, more mature weeds, or weeds under stress. Apply any time before or after planting, but before soybean emerges, to control weed seedlings or existing cover crops.

#### Postemergence

Apply 1.5 to 2.0 pints of Enlist One per acre. Apply when weeds are small and any time after soybean emergence but no later than R2 (full flowering stage). Make one to two applications with a minimum of 12 days between applications.

**Restrictions:**

- These use directions are only for soybean identified as containing the Enlist trait.
- **Preharvest Interval:** Do not apply within 30 days of harvest.
- Do not graze treated soybean.
- Do not harvest for forage or hay.
- Do not apply more than one preemergence application and no more than two postemergence applications per use season.
- Do not apply Enlist One to Enlist soybeans later than the R2 stage.
- Do not apply more than 6.0 pints of Enlist One per acre per use season.
- Do not apply more than 2.0 pints of Enlist One per acre per application.
- Do not aerially apply this product.

**Control of volunteer Enlist corn in Enlist soybean crops:**

Sethoxydim or clethodim (Group 1 herbicides) may be used to control volunteer Enlist corn in Enlist soybean crops. The user is advised to rotate mechanisms of action in subsequent crops to avoid development of weed resistance to this herbicide group.

**Soybean**

**For use on soybean that does not contain the Enlist trait.**

**Carriers and Spray Volumes**

Apply in a broadcast spray volume of water ranging from 10 to 15 gallons per acre for best results. Do not substitute water with nitrogen solutions as carrier. See the Spray Drift Management section for specific information on spray nozzles, spray pressure, speed, boom heights, etc., for specific application information.

**Preplant (Burndown)**

Apply up to 1.0 pints of Enlist One per acre no less than 7 days or up to 2.0 pints per acre, not less than 14 days prior to planting soybeans. See Precautions and Restrictions in this section.

**Precautions:**

- **Note:** Unacceptable injury to soybeans planted in treated fields may occur. Whether soybean injury occurs and the extent of such injury depends upon weather (temperature and rainfall) from herbicide application until soybean emergence, and agronomic factors, such as the amount of weed vegetation and previous crop residue present at the time of application. Injury is more likely under cool rainy conditions and where there is less weed vegetation and crop residue present.
- Do not disturb treated soil through tillage between application and planting of soybeans.
- Do not apply Enlist One as a preplant application in soybeans unless soybean injury is acceptable, including possible stand loss and/or yield reductions.

**Restrictions:**

- Do not use on sandy soils with less than 1% organic matter.
- In treated fields, plant soybean seed as deep as practical, but not less than 1 inch deep. Adjust the planter, if necessary, to ensure that planted seed is adequately covered.
- Do not make more than one application per season regardless of the amount of product applied.
- During the growing season following application, do not replant treated fields with crops other than those labeled for use with 2,4-D.
- Do not apply more than a total of 2.0 pints of Enlist One per acre per use season.
- Do not aerially apply this product.

**Enlist Cotton**

These directions are for use on Enlist Cotton. Information on crop varieties containing these traits may be obtained from your seed supplier.

**Carriers and Spray Volumes**

Apply in a broadcast spray volume of water ranging from 10 to 15 gallons per acre for best results. Do not substitute water with nitrogen solutions as carrier. See the Spray Drift Management section for specific information on spray nozzles, spray pressure, speed, boom heights, etc., and other application information.

**Preplant (Burndown) Through Preemergence**

Make a single application of 1.5 to 2.0 pints of Enlist One per acre. Use the upper end of the rate range for less susceptible weeds, more mature weeds, or weeds under stress. Refer to Annual and Perennial Weeds sections for specific weed height and use rate information. Apply any time after planting, but before cotton emerges, to control weed seedlings or existing cover crops.

**Postemergence**

Apply 1.5 to 2.0 pints of Enlist One per acre. Apply when weeds are small and any time after cotton emergence but no later than full flowering (mid-bloom stage). Refer to Annual and Perennial Weeds

sections for specific weed height and use rate information. Make one to two postemergence applications with a minimum of 12 days between applications.

**Precautions and Restrictions:**

- These use directions are only for cotton identified as containing the Enlist trait.
- **Preharvest Interval:** Do not apply within 30 days of harvest.
- Do not graze treated cotton.
- Do not harvest for forage or hay.
- Do not apply more than one preemergence application and no more than two postemergence applications per use season.
- Do not apply Enlist One to cotton later than the mid-bloom stage.
- Do not apply more than 6.0 pints of Enlist One per acre per use season.
- Do not apply more than 2.0 pints of Enlist One per acre per application.
- Do not aerially apply this product.

**Weed Control**

Apply 1.5 pints of this product per acre to actively growing weeds once the majority reaches 3-6 inches in height. Apply 2.0 pint rate when weeds are larger than 6 inches tall, when applications are made under challenging environmental conditions. This product may be used up to 2.0 pints per acre where heavy densities exist. Water carrier volumes of 10 to 15 gallons per acre are recommended for best results. Best control will be achieved when this product is applied in combination with another broad spectrum herbicide having a different mode of action (see Tank Mix Section).

Hard to control weeds, such as Palmer amaranth, may require a total program approach including soil applied residual herbicide(s) followed by a single or sequential post herbicide application.

Perennial weeds may require higher rates for best control. Below-ground portions of perennial weeds may not be completely controlled with single applications and follow-up applications may be required if regrowth occurs.

**Controlled Weeds Table:**

**Annual Weeds:**

anoda, spurred bittercress bitterweed broomweed, common burdock buttercup carpetweed cinquefoil, common cinquefoil, rough cocklebur copperleaf, hophornbeam copperleaf, Virginia croton, Texas croton, woolly dayflower, Benghal devilsclaw (unicorn plant) dwarf dandelion eclipta eveningprimrose, common falsedandelion falseflax, smallseed fiddleneckfield pennycress	filareefleabane, annual fleabane, hairy ( <i>Conyza bonariensis</i> ) <sup>1</sup> fleabane, rough <sup>1</sup> geranium, Carolina groundcherryhemp sesbania horseweed/marestail ( <i>Conyza canadensis</i> ) <sup>1</sup> jewelweed jimsonweed lambsquarters London rocket mallow, venice morningglory ( <i>Ipomoea</i> spp.) mustard, tansy mustard, tumble mustard, wild nightshade, black nightshade, hairy pepperweed pusley, Florida pigweed, redroot pigweed, Palmer <sup>1</sup> pigweed, smooth	prickly lettuce puncturevine purslane radish, wild ragweed, common ragweed, giant Russian thistle salsify, common salsify, western shepherd's-purse sicklepod smartweed, ladysthumb smartweed, Pennsylvania sowthistle, annual Spanishneedles sunflower sweetclover teaweed/prickly sida thistle, bull thistle, musk velvetleaf vetch waterhemp
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<sup>1</sup>Hard to control weeds, such as Palmer amaranth, may require a total program approach including soil-applied residual herbicide(s) followed by a single or sequential post herbicide application.

**Perennial Weeds:**

alfalfa artichoke, Jerusalem aster, many flowered bindweed, field bindweed, hedge blueweed, Texas catnip chicory cress, hoary dandelion	dock dogbane garlic, wild hawkweed, orange healall ironweed ivy, ground loco, bigbend nettles onion, wild	pokeweed, common pennywort plantains ragwort, tansy sowthistle, perennial thistle, Canada waterplantain wormwood
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If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, to the extent permitted by law, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitations of Remedies.

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### Inherent Risks of Use

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2. Replacement of amount of product used.

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