**D-638 Broadleaf Herbicide**

**ACTIVE INGREDIENT:**
- 2,4-dichlorophenoxyacetic acid: 13.8%
- 2,4-dichlorophenoxyacetic acid, butoxyethyl ester: 24.5%
- Other ingredients*: 61.7%
- **Total:** 100.0%

*Total 2,4-dichlorophenoxyacetic acid equivalent 30.8% by weight or 2.8 pounds per gallon.

**KEEP OUT OF REACH OF CHILDREN**

**DANGER - PELIGRO**

Si usted no entiende esta etiqueta, busque a alguien para que le explique a usted en detalle. (If you do not understand the label, find someone to explain to you in detail).

**FIRST AID**

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

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

**IF INHALED:**
- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

**HOT LINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

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

**LABEL SIZE**
- **LEAFLET FOLDED SIZE:** 6.5" X 6.0"
- **LEAFLET FLAT SIZE:** 6.5" X 29.687"
- **LABEL COLORS**
- Black
- 348
- 116
- Black

**DATE**
- May 16, 2012

**JOB NUMBER**
- 61330

**CUSTOMER**
- ALBAUGH, INC.

**ARTWORK IS APPROVED**

**REVISED PROOF NEEDED**

**Cimarron Label**
- 4201 North Westport Ave., Sioux Falls, SD 57107
- Phone: (605) 978-0451 - Fax: (605) 978-0463

**NOTE TO PREVENT DISCRIMINATION: This product is offered for sale without regard to the race, color, religion, sex, national origin, age, sexual orientation, disability, marital status, or political affiliation of the buyer.**
AGRI STAR

D-638
Broadleaf Herbicide

Manufactured by:
ALBAUGH, INC.
1525 NE 36th Street
Ankeny, Iowa 50021

FOR CHEMICAL SPILL, LEAK, FIRE OR EXPOSURE, CALL CHEMTREC (800) 424-9300

ACTIVE INGREDIENT:
2,4-Dichlorophenoxyacetic acid* 13.6%
2,4-dichlorophenoxyacetic acid, butoxyethyl ester* 24.5%
OTHER INGREDIENTS** 61.7%
TOTAL 100.0%

*2% 2,4-dichlorophenoxyacetic acid equivalent 0.8% by weight or 2.8 pounds per gallon.
**Contains petroleum distillates.

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

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

IF SWALLOWED:
* If person is unconscious, do not give anything by mouth to an unconscious person.
* Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING:
* Take off contaminated clothing.
* Flush skin immediately with plenty of water (15-20 minutes).
* Call a poison control center or doctor for treatment advice.

IF INHALED:
* If person is not breathing, call 911 or an ambulance, then give artificial respiration.
* Call a poison control center or doctor for further treatment advice.

HOT LINE NUMBER
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-400-424-9300 for emergency medical treatment information.

NOTE: TO PHYSICIAN: Potentially fatal damage may contraindicate the use of gastric lavage.

See inside backsheet for additional precautionary statements.
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are neoprene or nitrile rubber. If you want more options, follow the instructions for Category E on an EPA chemical-resistance category selection chart.

All mixers, loaders, applicators, flaggers, and other handlers must wear:
1. Long-sleeved shirt and long pants.
2. Shoes and socks.
3. Chemical-resistant gloves when applying with any handheld nozzle or equipment, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.
4. Chemical-resistant apron when applying with any handheld nozzle or equipment, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.
5. Protective eyewear (goggles or face shield)

See engineering controls for additional requirements.

Discuss clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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. After each use, clothing or PPE must not be reused until it has been cleaned.

ENGINEERING CONTROLS STATEMENTS

Plots must use an enclosed cockpit that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.2409(a)(6)].

When handlers use enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.2409(a)(6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:
• Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
• Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
• 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. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment washwaters or rinsates. Apply this product only as directed on label. 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.

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

DIRECTIONS FOR USE

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

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

(continued)
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, ambush, etc.), can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

Dropset 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 coarse spray (ASAE standard 572) or a volume mean diameter of 350 microns or greater for sprayer 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 coarse spray (ASAE standard 572) or a volume mean diameter of 250 microns or greater for spraying 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 is 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 unapplied 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 apply 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), wild rice (sedge), 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 requirements, they must be followed.

Equipment
All aerial equipment and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates. For aerial equipment, the boom length must not exceed 75% of the wingspan or 50% of the rotor blade diameter.

Release spray at the lowest height consistent with efficacy and drift height. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety. This requirement does not apply to forestry or rights-of-way applications. When applications are made in a crosswind, the swath will be displaced downwind. The applicator must compensate for this by adjusting the path of the aircraft upwind.

For ground boom application, do not apply with a nozzle height greater than 4 feet above the crop canopy.

GENERAL WEED LIST

<table>
<thead>
<tr>
<th>ANNUAL AND BIENNIAL WEEDS</th>
<th>PERENNIAL WEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual yellow nightshade</td>
<td>Matricaria (except chamomile)</td>
</tr>
<tr>
<td>Bidens</td>
<td>*Purple loosestrife</td>
</tr>
<tr>
<td>Cleome</td>
<td>*Glyce (annual, biennial)</td>
</tr>
</tbody>
</table>
| Crotalaria | *Amaranthus | *Tansy *
| Common evening primrose | *Amaranthus | *Tansy *
| Common milkweed | *Amaranthus | *Tansy *
| Crepis | *Amaranthus | *Tansy *
| Daucus | *Amaranthus | *Tansy *
| Linum | *Amaranthus | *Tansy *

*These species may require repeat applications and/or use of higher rate recommended on this product label even under ideal conditions for application.

Control of pigweeds in the High Plains area of Texas and Oklahoma may not be satisfactory with this product.
SPECIFIC USE DIRECTIONS

CEREAL GRAIN CROPS

<table>
<thead>
<tr>
<th>WEEDS IN CROP</th>
<th>RATE PER ACRE</th>
<th>DIRECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Postemergence: Annual and biennial weeds</td>
<td>1 pint</td>
<td>Apply after grain is fully tilled (usually about 4-6 inches high) but not forming joints in the stem.</td>
</tr>
<tr>
<td>Postemergence: Perennial broadleaf weeds</td>
<td>2 pills/ft²</td>
<td>Apply 1-1/2 to 2 pills when grain is fully tilled and wild garlic or onion plants are small. Apply 2 pills after harvest in the crop stubble. Control of new growth of wild onion or garlic, refer to FALLOWLAND use directions.</td>
</tr>
<tr>
<td>Wild onion or garlic</td>
<td>1-1/2 to 2 pills</td>
<td>Apply 1-1/2 to 2 pills when grain is fully tilled and wild garlic or onion plants are small. Apply 2 pills after harvest in the crop stubble. Control of new growth of wild onion or garlic, refer to FALLOWLAND use directions.</td>
</tr>
<tr>
<td>Emergency weed control in wheat</td>
<td>3 pills</td>
<td>Apply when weeds are approaching boot stage but do not spray grain during the boot to dough stage. Use the lower rate if small annual and biennial weeds are the major problem. Use the higher rate if perennial weeds or annual and biennial weeds are present which are in the hard-to-control categories as determined by local experience. The higher rates reduce the risk of injury to wheat.</td>
</tr>
<tr>
<td>Preharvest</td>
<td>1 to 1-1/3 pills</td>
<td>Apply when grains are in the hard-dough stage to suppress large weeds that may interfere with harvest. Best results will be obtained when soil moisture is sufficient to induce succulent weed growth.</td>
</tr>
</tbody>
</table>

Restrictions and limitations for use on cereal grains:
- For seed application on grain, apply in 2 or more gallons of water per acre. For ground application, a minimum of 10–15 gallons of water per acre is recommended for proper spray coverage.
- Do not mix with oil for crop uses.
- Do not permit dairy animals to contact treated stubble.
- Do not feed treated straw to livestock if a preharvest treatment or emergency treatment as described above is applied.

CEREAL GRAIN RESTRICTIONS:
- Postemergence: Make no more than one application per crop cycle.
- Postemergence: Do not apply more than 2-1/2 pills per acre per application.
- Preharvest: Make no more than one application per crop cycle.
- Preharvest: Do not apply more than 1-1/2 pills per acre per application.
- Preharvest interval is 14 days.

D-658 contains 0.55 pounds a.e. of 2,4-D per pint. When tank mixing with products that contain 2,4-D, do not exceed a combined total of 1.75 pounds of a.e. per acre per spray cycle.

CORN (Field, Pop and Swell)

<table>
<thead>
<tr>
<th>WEEDS IN CROP</th>
<th>RATE PER ACRE</th>
<th>DIRECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preplant</td>
<td>1/2 to 2-1/2 pints</td>
<td>To control emerged broadleaf weed seedlings or existing cover crops prior to planting corn, apply 7 to 14 days before planting. Do not use on light, sandy soil, or where soil moisture is inadequate for normal weed growth. Use high rate for control of less susceptible weeds or cover crops such as alfalfa.</td>
</tr>
<tr>
<td>Postemergence</td>
<td>2 to 4 pints</td>
<td>To control broadleaf weeds, apply 3-5 days after planting but before corn emerges. Use high rate on soil high in organic matter. Do not use on light, sandy soil, or where soil moisture is inadequate for normal weed growth.</td>
</tr>
<tr>
<td>Annual broadleaf weeds</td>
<td>2 to 1 pint</td>
<td>Avoid spraying just after the first corn leaves unfold, as injury may occur.</td>
</tr>
<tr>
<td>Preharvest</td>
<td>1 to 1-1/2</td>
<td>Spray when weeds are in the bud to bloom stage. If corn is more than 6 inches tall, use drop pipes to keep spray off corn leaves. Do not spray in field to dent stage. 8-12 DUE may make corn brittle. Winds or cultivation may cause stalk breakage and brittle.</td>
</tr>
</tbody>
</table>

In addition to these weed species, some other plants may be controlled. Be sure to read the label carefully before use. After planting, apply sprays carefully to the plastic banded seed in the field.

NOTE: Unsatisfactory control will depend on whether the timing of application is ideal for conditions for application.

A minimum application volume of 5 gallons per acre by air or 10 gallons per acre by ground is recommended.
CORN RESTRICTIONS:
- Preplant or Pre-emergence: Make no more than one application per crop cycle.
- Preplant or Pre-emergence: Do not apply more than 2-1/4 pints per acre per application.
- Postemergence: Make no more than one application per crop cycle.
- Postemergence: Do not apply more than 1-1/2 pints per acre per application.
- Minimum spray interval between applications for sweet corn is 7 days.
- Preharvest (Field and Pop only):
  - Make no more than one application per crop cycle.
  - Do not apply more than 1-1/4 pints per acre per application.
  - Do not use treated crop as forage for 10 days following application.
- Corn (Field and Pop) Pre-Harvest Interval is 7 days.
- Corn (Sweet) Pre-Harvest Interval is 45 days.

D-638 contains 0.35 pounds a.e. of 2,4-D per pint. When tankmixing with products that contain 2,4-D, do not exceed a combined total of 3.0 pounds of a.e. per acre per year for Field and Pop Corn. Do not exceed a combined total of 1.5 pounds of a.e. per acre for Sweet Corn.

GRAIN SORGHUM (Milo)

<table>
<thead>
<tr>
<th>WEEDS IN CROP</th>
<th>RATE PER ACRE</th>
<th>DIRECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual broadleaf weeds</td>
<td>1 pt.</td>
<td>Treat when sorghum is 6 to 15 inches tall. If sorghum is taller than 8 inches (top of canopy), use drog nozzles to keep spray crop foliage. Do not treat during the boot, flowering or early dough stages.</td>
</tr>
<tr>
<td>Perennial broadleaf weeds</td>
<td>1-1/3 pts.</td>
<td>Do not treat more than 1/3 pint per acre application.</td>
</tr>
</tbody>
</table>

A minimum application volume of 6 gallons per acre by air or 18 gallons per acre by ground is recommended.

SORGHUM RESTRICTIONS:
- Do not apply more than 1-3/4 pints per acre per application.
- Do not make more than 1 post-emergence application per year.
- Pre-Harvest Interval is 30 days.
- Do not treat more than 1/3 pint per acre per application.

D-628 contains 0.35 pounds a.e. of 2,4-D per pint. When tank-mixing with products that contain 2,4-D ester, do not exceed a combined total of 0.5 pounds of a.e. per acre per year.

SOYBEANS (Preplant Only)

<table>
<thead>
<tr>
<th>WEEDS IN CROP</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Postemergence</td>
<td>1 to 1-1/3 pts.</td>
<td>Apply not less than 7 days prior to planting soybeans, when weeds are small and actively growing. Use higher rates on larger weeds and when perennial is present. Some weeds may require repeat treatment for adequate control (See GENERAL WEED LIST and below).</td>
</tr>
<tr>
<td>1-1/3 to 2-2/3 pts.</td>
<td>Apply not less than 15 days prior to planting soybeans, when weeds are actively growing. Some weeds may require repeat treatment for adequate control (See GENERAL WEED LIST and below).</td>
<td></td>
</tr>
</tbody>
</table>

In addition to those weeds found on the GENERAL WEED LIST, D-638 will suppress or control the following broadleaf weeds frequently encountered in reduced tillage soybean production systems: bullthistle, smutgrass, bitter shamarina, smallflowered buttercup, common and ragged cichorials, red clover partially controlled, horseweed or marestail, mouse tail, wild mustard, field pennycress, cutleaf evening primrose, common purslane, speedwell, and Virginia cowpea.

After applying, plant soybean seed as deep as practical or at least 1-1/4 to 2 inches deep. Adjust the planter discs to 6 inches deep. Ensure that the planted seed is completely covered.

If desired, D-638 may be applied to soybeans in tank mixtures with other herbicides such as Proactive, Proactive Plus, GlyStar Original or Roundup, Roundup Du-Pak, Horning, Gramoxone Extra, PowerPac, Pursuit Plus, Spectracide, Spectran XXI D, Squashox® and others that are registered for preplant soybean use.

NOTE: Unsatisfactory injury to soybeans planted in fields previously treated may occur. Whether or not soybean injury occurs, and the extent of injury will depend on weather and agronomic factors such as the amount of weed vegetation and previous crop residue present. This may be in effect between the time of application and the emergence of the soybean plant.

(continued)
SOYBEAN (Preplant) RESTRICTIONS
- Pre-plant 2 application option
- Do not apply more than 1-1/2 pts per acre per preplant application.
- Do not apply within 15 days of planting soybeans.
- Pre-plant (single application option):
  - Do not apply more than 1-1/2 pts per acre.
  - Do not apply within 30 days of planting soybeans.
- Do not apply prior to planting soybeans if you are not prepared to accept the results of soybean injury including possible loss of stand and yield.
- Do not mow or cultivate weeds prior to treating with this product as poor control may result.
- Do not feed treated hay, forage, or fodder or graze treated soybeans to livestock.
- Do not feed or graze treated cover crops to livestock.
- Do not replant fields treated with this product in the same growing season with crops other than those labeled for 2,4-D preplant use.

D-638 contains 6.36 pounds a.e. of 2,4-D per pint. When tank mixing with products that contain 2,4-D, do not exceed a combined total of 1.0 pounds of a.e. per acre per crop cycle.

<table>
<thead>
<tr>
<th>GRASSES GROWN FOR SEED PRODUCTION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WEEDS IN CROP</strong></td>
</tr>
<tr>
<td>Annual broadleaf weeds</td>
</tr>
<tr>
<td>Perennial and biennial broadleaf weeds</td>
</tr>
</tbody>
</table>

GRASSES GROWN FOR SEED OR SOIL RESTRICTIONS:
- Do not make more than 2 applications per year.
- Do not apply more than 6.6 pts per acre per application.
- Minimum of 21 days between applications.

PASTURE and RANGELAND (established grass pastures, rangeland, and perennial grassstands not in agricultural production)

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</table>

RANGELAND AND PASTURE RESTRICTIONS:
- Do not cut for hay within 7 days of application.
- For susceptible annual and biennial broadleaf weeds do not exceed 2.6 pts per acre per application.
- For moderately susceptible biennial and perennial broadleaf weeds and woody plants, do not exceed 5.6 pts per acre per application.
- For spot treatment do not exceed 0.6 pts per acre.
- Maximum of 2 applications per year.
- Minimum of 30 days between applications.
- If grass is to be cut for hay, Agricultural Use Requirements for the Weed Proaction Standard are applicable.
- For program lands, such as Conservation Reserve Program, consult program rules to determine whether grass or hay may be used. The more restrictive requirements of the program rules or this label must be followed.

D-638 contains 6.35 pounds a.e. of 2,4-D per pint. When tank mixing with products that contain 2,4-D, do not exceed a combined total of 1.0 pounds of a.e. per acre per year.

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</tr>
</tbody>
</table>

(continued)
ORNAMENTAL TURFGRASS RESTRICTIONS:
- Do not apply more than 4-1/4 pints per acre per application.
- Do not make more than 2 applications per year (excluding spot treatments).
- Minimum spray interval between broadcast applications is 30 days.
- Do not apply more than 8.4 pints per acre per season (excluding spot treatments).
- A minimum application volume of 25 gallons per acre is recommended for use on turf.

Under normal conditions, any crop can be grown. When planting into treated areas, warm, moist soil conditions are important. For more information on sustainable crop production, see the Sustainable Crop Production Guide.

FALLOW LAND RESTRICTIONS:
- A minimum spray interval of 5-1/2 months is recommended for use on fallow land.
- Do not spray fallow land during the growing season.
- Do not use 2,4-D or 2,4,5-T on fallow land.
- Do not use herbicides on fallow land for more than 2 consecutive years.

FALLOW LAND RESTRICTIONS (continued):
- A minimum spray interval of 5-1/2 months is recommended for use on fallow land.
- Do not spray fallow land during the growing season.
- Do not use 2,4-D or 2,4,5-T on fallow land.
- Do not use herbicides on fallow land for more than 2 consecutive years.

Conservation Reserve Program Areas

<table>
<thead>
<tr>
<th>WEEDS IN CROP</th>
<th>RATE PER ACRE</th>
<th>DIRECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual broadleaf weeds in young grasses</td>
<td>2/3 to 1-1/3 pints</td>
<td>Apply to actively growing annual broadleaf weeds. Use 2/3 to 1-1/3 pints when weeds are small, use higher rates on older weeds. Do not apply to young grasses with fewer than 8 leaves or prior to tillering, as excessive young grasses with fewer than 8 leaves or prior to tillering, as excessive injury may result. Do not apply more than 1-1/3 pints until grasses are well established as excessive injury may result.</td>
</tr>
<tr>
<td>Biennial and perennial broadleaf weeds in established grasses</td>
<td>2-3/5 to 5-1/3 pints</td>
<td>Treat when biennial weeds are in the seedling to rosette stage and before flower stalks become apparent. Treat perennial weeds in the bud to bloom stage. Apply to actively growing weeds.</td>
</tr>
</tbody>
</table>

Conservation Reserve Program Restrictions:
- Do not cut forage hay when within 7 days of application.
- Do not spray biennial or perennial broadleaf weeds with more than 2,4-D pints per acre per application.
- For moderately susceptible biennial and perennial broadleaf weeds and woody plants, do not exceed 8.4 pints per acre per application.
- For spot treatment do not exceed 6.6 pints per acre.
- For Spot treatment do not exceed 2.4 pints per acre.
- Maximum of 2 applications per year.
- Minimum of 30 days between applications.
- Treat grasses to be cut for hay, Agricultural Use Requirements for the Worker Protection Standard are applicable.
- For program lands, such as Conservation Reserve Programs, consult program rules to determine whether grass or hay may be used. The more restrictive of the program rules or this label must be followed.

D-339 contains 0.35 pounds of 2,4-D per pint. When tank mixing with products that contain 2,4-D, do not exceed a combined total of 4.0 pounds of 2,4-D per acre per year.

FALLOWLAND AND CROP STUBBLE

<table>
<thead>
<tr>
<th>WEEDS IN CROP</th>
<th>RATE PER ACRE</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Annual broadleaf weeds</td>
<td>1-1/3 to 2-3/3 pints</td>
<td>Use the lower rate when weeds are small [2 to 3 inches tall] and growing actively. Use the higher rate on older and drought-stressed plants, except as directed in the SPECIAL WEED PROBLEMS section of this label.</td>
</tr>
<tr>
<td>Biennial broadleaf weeds</td>
<td>2-2/3 to 5-1/3 pints</td>
<td>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 spring during rosette stage. In fall or after flower stalks have developed, use the higher rate, except as directed in the SPECIAL WEED PROBLEMS section of this label.</td>
</tr>
<tr>
<td>Perennial broadleaf weeds (including cotton stubble)</td>
<td>3 to 5-1/3 pints</td>
<td>Spray weeds in bud to bloom stage, or in good vegetative growth. Do not disperse treated area for at least 2 weeks after treatment, or until weed tops are dead, except as directed in the SPECIAL WEED PROBLEMS section of this label.</td>
</tr>
<tr>
<td>Wild garlic and onion</td>
<td>3 to 5-1/3 pints</td>
<td>Apply to new regrowth of wild onion or garlic in crop stubble which occurs in the full growing season of small grains, soybeans, corn, or grain sorghums.</td>
</tr>
</tbody>
</table>

Within 30 days following an application of this product, plant only those crops named as uses on this label or after registered 2,4-D labels. Follow more specific limitations, if any, provided in the directions for individual crops. Labeled crops may be at risk for crop injury if less than 8 weeks after application. Under certain circumstances, there may be risk of injury to susceptible crops.
Under normal conditions, any crop may be planted without risk of injury if at least 30 days of soil temperatures above freezing have elapsed since application. 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.

**FALLOW LAND RESTRICTIONS:**
- A minimum spray volume of 5 gallons per acre or 10-15 gallons per acre by ground is recommended.
- Livestock Feeding Restrictions:
  - Do not graze dairy animals on treated areas within 7 days after application.
  - Do not graze flesh animals on treated areas within 3 days before slaughter.
  - Do not cut treated grass for hay within 7 days after application.
- For government program grasslands, follow program grazing restrictions if more restrictive than those given above.
- Make no more than two applications per year.
- Do not apply more than 0.5 lbs per acre per application.
- Minimum spray interval between applications is 30 days
- Only labeled crops can be planted within 30 days of application.

### WEEDS AND BRUSH IN NON-CROP AREAS
*(Fencerows, Roadsides, Drainage Ditchbanks, Vacant Lot, Airfields, Railroad and Highway and Utility Rights-of-Way)*

<table>
<thead>
<tr>
<th>WEEDS IN CROP</th>
<th>RATE PER ACRE</th>
<th>DIRECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual broadleaf weeds</td>
<td>2 to 5-1/2 lbs</td>
<td>Apply when most weeds are still young and growing vigorously, except as directed in the SPECIAL WEED PROBLEMS section of this label.</td>
</tr>
<tr>
<td>Perennial and biennial broadleaf weeds</td>
<td>4 to 5-1/2 lbs</td>
<td>Apply when weeds are actively growing and near the bud stage, but before flowering. For best results, tank mix with a herbicide.</td>
</tr>
</tbody>
</table>

**NON-CROPLAND RESTRICTIONS:**
- Postemergence (annual and perennial weeds):
  - Do not make more than 2 applications per year.
  - Do not apply more than 0.5 lbs per acre per application.
  - Minimum spray interval between applications is 30 days.
- Postemergence (woody plants):
  - Do not make more than 1 application per year.
  - Do not apply more than 11 lbs per acre per application.

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.

D-638 contains 0.36 pounds a.e. of 2,4-D per pint. When tank mixing with products that contain 2,4-D, do not exceed a combined total of 4.6 pounds of a.e. per acre per year.

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**For control of broadleaf weeds**

- Weed foliage: Maintain agitation.

**WEEDS IN CROP**
- Mask thistle
- Field thistle
- Hairy cress
- Leafy spurge
- Russian thistle
- Canada thistle
- Canthium lotus
- Canada thistle
- Little thistle
- Bulls-eye thistle
- False thistle
- Nutgrass
- Refer to the restrictions and limitations given above.

The DIRECTIONS FOR USE of this material are given in the package label. Use this material only as directed. Other unintended consequences, all of which are beyond the control of ALBAUGH, INC., its Supplemental Distributor, or the PESTICIDE DISTRIBUTOR of MERCHANTABILITY OF BUYER SHALL BE SOLELY IN ANY MANNER WHICH IS TO THE EXTENT CONSISTE INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUGH, INC., ITS SUPPLEMENTAL DISTRIBUTOR. ALBAUG...
**SMALL AREA APPLICATIONS FOR NON-CROP USE**

For control of broadleaf weeds in small non-crop areas with hand-held or backpack sprayers, mix 6 fluid ounces per gallon of water. Thoroughly wet all weed foliage. Maintain agitation of mixture.

### SPECIAL WEED PROBLEMS

** Directions For Special Weed Problems In Pastures, Fellowland, Non-Crop And Conservation Reserve Program And Conservation Reserve Acreage**

To control the following special weed problems in tallgrass, non-crop areas or pastures, apply the rates indicated at the recommended application time in sufficient spray volume by air or ground to obtain thorough and uniform coverage. Thorough and uniform coverage may require high volume ground spraying at 50 gallons per acre or more or aerial spraying at 10 gallons per acre or more when weed growth is dense. Adequate soil moisture for weed growth is essential for good control.

<table>
<thead>
<tr>
<th>WEEDS IN CROP</th>
<th>RATE PER ACRE</th>
<th>DIRECTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>musk thistle</td>
<td>3 to 4 pts.</td>
<td>rosette stage or later; use higher rate in full</td>
</tr>
<tr>
<td>field bindweed</td>
<td>3 to 4 pts.</td>
<td>bud to full bloom</td>
</tr>
<tr>
<td>hoary cress</td>
<td>4 pts.</td>
<td>bud to full bloom</td>
</tr>
<tr>
<td>leafy spurge</td>
<td>4 pts.</td>
<td>bud to full bloom</td>
</tr>
<tr>
<td>Canada thistle,</td>
<td>4 pts.</td>
<td>bud to early bloom</td>
</tr>
<tr>
<td>cymoptile, balsam</td>
<td>4 pts.</td>
<td>in spring or summer</td>
</tr>
<tr>
<td>Canada thistle</td>
<td>4 pts.</td>
<td>6 to 8 inches high in full, prior to a killing frost with good soil moisture. Do not till treated area within 7 days of treatment.</td>
</tr>
<tr>
<td>cattail, feke</td>
<td>5 pts.</td>
<td>late spring to early summer when 4 to 6 inches tall; repeat in fall and following spring</td>
</tr>
<tr>
<td>sawy rosemary</td>
<td>5 pts.</td>
<td>rosette stage to early bloom</td>
</tr>
<tr>
<td>wild grass</td>
<td>6 pts.</td>
<td>6 to 8 inches high, before bloom; repeat when regrowth is 6 to 8 inches high.</td>
</tr>
</tbody>
</table>

Refer to the restrictions and limitations for use on these sites.

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**CONDITIONS OF SALE AND WARRANTY**

The DIRECTIONS FOR USE of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, of other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of ALBAUGH, INC., its Supplemental Distributors or the Seller. All such risks shall be assumed by the Buyer.

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