

PM 23

42750-15

7-23-99

JUL 23 1999

Albaugh, Inc.  
 c/o Alice Walker, Ph.D.  
 811 country Club Dr.  
 Senatobia, MS 38668

Dear Dr. Walker:

Subject: Label Amendment Updating First Aid and Hazards to Humans; Adding Weeds, Preharvest Treatment on Small Grains, Phytotoxicity Warning Under Sorghum, Red Potatoes; Expanding Ornamental Turf, General Weed Control and Woody Plant Control; and Adding Christmas Tree Plantations and New Tank Mixes.  
 Albaugh 2,4-D LV4  
 EPA Reg. No. 42750-15  
 Your Application Dated June 22, 1999, as Amended by FAX and Email on July 21, 1999

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable provided you make the following changes:

1. On page 15, in the tank mix directions for 2,4-D LV4 and Sencor® as knockdown herbicides for no-till soybeans, revise the statement "Application must be made 30 days prior to planting" to read as follows:

"Application must be made at least 30 days prior to planting."

2. Revise the application rates in the following sections of the Directions for Use to indicate that they are given on a per acre basis:

- Big Sagebrush and Rabbitbrush (p.12)
- Tank Mix for 2,4-D LV4 and Peak in Grain Sorghum (p. 14)
- Tank Mix for 2,4-D LV4 and Finesse in Wheat and Barley (p. 14)
- Tank Mix for 2,4-D LV4 and Atrazine in Christmas Trees (p. 15)
- Tank Mix for 2,4-D LV4 and Albaugh Dicamba DMA Salt for Non-Crop Areas (p. 16)

RD:STANTON:PM Team 23:Rm. 237:CM-2:305-5218:Disk #10:S564940

CONCURRENCES

SYMBOL ▶	7505C							
SURNAME ▶	S. Stanton							
DATE ▶	Jul 23, 1999							

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A stamped copy of the labeling is enclosed for your records. Please submit one copy of your final printed labeling incorporating these changes before you release the product for shipment.

Sincerely yours,

Joanne I. Miller  
Product Manager (23)  
Herbicide Branch  
Registration Division (7505C)

Enclosure

3019

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

JUL 23 1999

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
42750-15

ALBAUGH  
**2,4-D LV4**

LOW VOLATILE HERBICIDE

ACTIVE INGREDIENT:

2-ethylhexyl ester of 2,4-dichlorophenoxyacetic acid* .....	63.7%
OTHER INGREDIENTS†: .....	36.3%
TOTAL .....	100.0%

\*Equivalent to 42.5% of 2,4-dichlorophenoxyacetic acid or 3.8 lb./gal.

†Contains petroleum distillates.

EPA Reg. No. 42750-15

EPA Est. No. 42750-MO-1

KEEP OUT OF REACH OF CHILDREN

**CAUTION**

STATEMENT OF PRACTICAL TREATMENT

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

**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.

**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. •Call a poison control center or doctor for treatment advice.

**NOTE TO PHYSICIAN:** May cause chemical pneumonitis if aspirated. If lavage is performed, suggest endotracheal and/or esophagosopic control.

See inside booklet for additional PRECAUTIONARY STATEMENTS.

Manufactured By:  
Albaugh, Inc.  
Ankeny, Iowa 50021

NET CONTENTS  
\_\_\_\_ Gals.  
\_\_\_\_ Liters

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

Before buying or using this product, read "Warranty Limitations and Disclaimer" elsewhere on this label. If terms are not acceptable, return unopened package at once to seller for full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under the Warranty Limitations and Disclaimer.

**PRECAUTIONARY STATEMENTS**

**CAUTION**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing.

**PERSONAL PROTECTIVE EQUIPMENT**

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

Applicators and other handlers must wear long-sleeved shirt and long pants, chemical-resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber, or viton, shoes plus socks, protective eyewear, and chemical-resistant apron when cleaning equipment, mixing, or loading.

If this container contains over 1 gallon and less than 5 gallons, mixers and loaders who do not use a mechanical system (probe and pump) to transfer the contents of this container must wear coveralls or a chemical-resistant apron in addition to the other required PPE.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. After each day of use, clothing or PPE must not be reused until it has been cleaned.

**ENGINEERING CONTROLS STATEMENTS**

If this container contains 5 gallons or more in capacity, do not open pour product from this container. A mechanical system (such as a probe and pump or spigot) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal. If the mechanical system is used in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4)], the handler PPE requirements may be reduced or modified as specified in the WPS.

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

**USER SAFETY RECOMMENDATIONS**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing 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 product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. Do not apply directly to water, to areas where surface water is present, or to

intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

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 such sites to prevent contamination of groundwater 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 groundwater contamination.

**PHYSICAL AND CHEMICAL HAZARDS**

Do not use or store near heat or open flame.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Do not apply this product through any type of irrigation system.

**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 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: coveralls, chemical-resistant gloves such as barrier laminate, nitrile rubber, neoprene rubber, or viton, shoes plus socks, and 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 allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried.

**STORAGE AND DISPOSAL**

**STORAGE:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not store this product near fertilizers, seeds, insecticides, or fungicides. Do not store near heat or open

flame. Reclose all partially used containers by thoroughly tightening screw cap. Absorb any spill with a suitable clay absorbent and dispose of as indicated under "Pesticide Disposal." For safety and prevention of unauthorized use, all pesticides should be stored in locked facilities. To prevent accidental misuse, different pesticides should be stored in separate areas with enough distance between to provide clear identification. Opened, partially used pesticides should be stored in original labeled containers when possible. When transfer to another container is necessary because of leakage or damage, carefully mark and identify contents of the new container.

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

#### **CONTAINER DISPOSAL:**

**METAL CONTAINERS:** Triple rinse (or equivalent), adding rinsate to spray tank. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**PLASTIC CONTAINERS:** Triple rinse (or equivalent), adding rinsate to spray tank. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**REFILLABLE CONTAINERS:** If this container has been designated by the supplier as refillable, return empty container to the place of purchase.

#### **GENERAL INFORMATION**

Performance of this product may be affected by local conditions, crop varieties, and application method. User should consult local Extension Service, Agricultural Experiment or University Weed Specialists, and state regulatory agencies for recommendations in your area.

Best results are obtained when product is applied to young succulent weeds that are actively growing. The lower recommended rates will be satisfactory on susceptible annual weeds. For perennial weeds and conditions such as the very dry areas of the western states, where control is difficult, the higher recommended rates should be used.

When product is used for weed control in crops, the growth stage of the crop must be considered.

Some plants and weeds, especially woody varieties, are difficult to control and may require repeat applications.

Application rates should be 2 to 10 gallons of total spray by air or 5 to 25 gallons by ground equipment unless otherwise directed. In either case, use the same amount of 2,4-D recommended per acre. For crop uses, do not mix with oil, surfactants, or other adjuvants unless specifically recommended. To do so may reduce herbicide's selectivity and could result in crop damage.

Aerial applications should be used only when there is no danger of drift to susceptible crops. Many states have regulations concerning aerial application of 2,4-D formulations. Consult local regulatory authorities before making applications. Although this product is a low volatile formulation, at temperatures above 90°F vapors may damage susceptible crops growing nearby.

Because coarse sprays are less likely to drift than fine, do not use equipment (such as hollow cone small orifice nozzles) or conditions (such as high pressure) that produce such sprays.

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Product should not be allowed to come into contact with desirable, susceptible plants such as beans, cotton, fruit trees, grapes, legumes, ornamentals, peas, tomatoes, and other vegetables. Product should not be used in greenhouses. Excessive amounts of this product in the soil may temporarily inhibit seed germination and all plant growth.

If stored below freezing, efficacy is not affected if product is warmed to 40°F and agitated before using.

Spray equipment used to apply 2,4-D should not be used for any other purpose until thoroughly cleaned.

**Spray Preparation:** Add the recommended amount of product to approximately 1/2 the volume of water to be used for spraying. Agitate well, then add the remainder of the water. Continue agitation during application until spray tank is empty.

**USE IN LIQUID NITROGEN FERTILIZER:** Product may be combined with liquid nitrogen fertilizer suitable for foliage application in corn, grass, pastures, or small grains in one operation. Use product according to directions on this label for those crops. Use liquid nitrogen fertilizer at rates recommended by supplier or Extension Service Specialist. Mix the product and fertilizer according to the following instructions:

Fill the spray tank approximately 1/2 full with the liquid nitrogen fertilizer. Add the product while agitating the tank. Add the remainder of the fertilizer while continuing to agitate. Apply immediately, maintaining agitation during application until tank is empty. **DO NOT APPLY DURING COLD (NEAR FREEZING) WEATHER.** Spray mixture must be used immediately and may not be stored.

**Note:** (1) If good, continuous agitation is not maintained, separation of the spray mixture and/or clogging of the nozzles is likely to occur.

**Note:** (2) If user's spray program includes frequent application of 2,4-D in liquid fertilizer, consideration should be given to using SOLVE™ 2,4-D which is specially designed and formulated for such use.

**WHERE TO USE**

This product is used to control broadleaf weeds in cereal crops, corn, potatoes, soybeans, and sorghum; weeds and brush in rangeland, pastures, rights-of-way, and similar noncrop uses.

**WEEDS CONTROLLED**

When used properly, product will kill or control the following in addition to many other noxious plants susceptible to 2,4-D:

alder	Florida pusley	puncturevine
alfalfa	frenchweed	purslane
American lotus	galinsoga	rabbitbrush
arrowhead	goatsbeard	ragweed
artichoke, Jerusalem	goldenrod	rape, wild
aster	goosefoot	redstem sage
Austrian fieldcress	ground ivy	Russian thistle
beggarticks	gumweed	sagebrush
biden	halogeton	salisfy
bindweed, hedge	hawkweed	sand shinnery oak
bindweed, field	healall	shepherdspurse
bindweed, European	hemp	sicklepod

bitter wintercress  
 bitterweed  
 blackeyed susan  
 blessed thistle  
 blue lettuce  
 blueweed, Texas  
 boxelder  
 broomweed  
 buckbrush  
 buckhorn  
 buckwheat, wild  
 bullthistle  
 bur-ragweed  
 burdock  
 burhead  
 buttercup  
 Canada thistle  
 carpetweed  
 catnip  
 chamise  
 Cherokee rose  
 chickweed  
 chicory  
 cinquefoil  
 coastal redstem sage  
 cockle  
 cocklebur  
 coffeebean  
 coffeeweed  
 common sowthistle  
 cornflower  
 coyotebrush  
 creeping jenny  
 croton  
 curly indigo  
 dandelion  
 devil's claw  
 dogbane  
 dogfennel  
 elderberry  
 fanweed  
 fiddleneck  
 fleabane (daisy)  
 flixweed

henbit  
 hoary cress  
 honeysuckle  
 horsetail  
 Indiana mallow  
 indigo  
 ironweed  
 jewelweed  
 jimsonweed  
 klamathweed  
 knotweed  
 kochia\*  
 ladythumb  
 lambsquarter  
 loco, big bend  
 locoweed  
 lupine  
 mallow, Venice  
 manzanita  
 marijuana  
 many-flowered aster  
 marshelder  
 mexicanweed  
 milkvetch  
 morningglory  
 musk thistle  
 mustard  
 nettle  
 nutgrass  
 orange hawkweed  
 parrotfeather  
 parsnip  
 pennycress\*  
 pennywort  
 peppergrass  
 pepperweed  
 pigweed (hybrid)\*  
 plantains  
 poison hemlock  
 poison ivy\*  
 pokeweed  
 poorjoe  
 povertyweed  
 prickly lettuce  
 primrose

smartweed\*  
 sneezeweed  
 southern wild rose  
 sowthistle  
 spanishneedles  
 St. Johnswort  
 starthistle  
 stinging nettle  
 stinkweed  
 sumac  
 sunflower  
 sweetclover  
 tansymustard  
 tansyragwort  
 tanweed  
 tarweed  
 thistles  
 toadflax  
 tumbleweed  
 velvetleaf  
 vervain  
 vetch  
 virginia creeper  
 wild buckwheat  
 wild carrot  
 wild garlic\*  
 wild lettuce  
 wild mustard  
 wild onion\*  
 wild parsnip  
 wild radish  
 wild rape  
 wild strawberry  
 wild sweet potato  
 willow  
 witchweed  
 wormwood  
 yellow rocket  
 yellow star thistle  
 and many other  
 broadleaf weeds



Some of 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.

\*Partially controlled.

**CROPS**

**Small Grains (barley, oats, wheat, rye), not underseeded with a legume:** See table for recommended use rates. Spray when weeds are small after grain begins tillering but before boot stage (usually 4 to 8 inches tall). Do not apply before the tiller stage nor from early boot through milk stage. To control large weeds that will interfere with harvest or to suppress perennial weeds, preharvest treatment can be applied when the grain is in the dough stage. Best results will be obtained when soil moisture is adequate for plant growth and weeds are growing well.

**Spring Planted Oats:** Use 1/2 pint per acre in sufficient water to give good coverage. Apply after the fully tillered stage, except during the boot to dough stage.

**Fall Planted Oats:** Apply 1/4 to 1-1/4 pints per acre after full tillering but before early boot stage. Some difficult weeds may require the higher rates of 3/4 to 1-1/4 pints per acre for maximum control, but injury may result. Do not spray during or immediately following cold weather.

**Preharvest Treatment:** Apply 1 to 2 pints with recommended amount of water per acre when grains are in the hard dough stage to control large weeds that may interfere with harvest. Best results will be obtained when soil moisture is sufficient to cause succulent weed growth.

**Note:** Oats are less tolerant to 2,4-D than wheat or barley and more likely to be injured. Do not forage or graze treated grainfields within 14 days after treatment with 2,4-D. Do not feed treated straw to livestock.

**Wheat and Barley:** Control of Wild Garlic and Wild Onion. For improved control of difficult weeds including Wild Garlic and Wild Onion, apply 1 to 2 pints of product per acre. Since these rates may injure the crop, do not use unless possible crop damage is acceptable. For the higher rates on spring wheat and barley, consult your local State Agricultural Experiment Station or Extension Service Weed Specialist for recommendations or suggestions to fit local conditions.

**Control of Wild Garlic in Stubble Grain Fields:** Following the harvest of small grains, Wild Garlic often produces new fall growth. This should be sprayed with 2 to 3 quarts of product per acre. This is a useful practice as one part of Wild Garlic control program. Do not forage for 14 days following applications. Do not plant any crop for three months after treatment.

**Corn:** See table for recommended use rates.

**Preemergent:** Apply product to emerged weeds from 3 to 5 days after planting but before corn emerges. Do not use on very light, sandy soil. Use the higher rates on heavy soils. Plant corn as deep as practical. Product will not control weeds which have not emerged.

**Postemergent:** Best results are usually obtained when weeds are small and corn is 4 to 18 inches tall. When corn is over 8 inches tall, use drop nozzles to keep spray off corn foliage as much as possible. Do not apply from tasseling to dough stage. If corn is growing rapidly and temperature and soil moisture is high, use 1/2 pint per acre to reduce possibility of crop damage. Delay cultivation for 8 to 10 days to prevent stalk breakage due to temporary brittleness caused by 2,4-D. Application rates of up to 1 pint per acre may be used to control some hard to control weeds. However, the possibility of injury to the corn is increased.

Do not use with atrazine, oil or other adjuvants. Since the tolerance to 2,4-D of individual hybrids varies, consult your seed supplier, local Extension Service, Agricultural Experiment Station, or University Weed Specialist for information.

**Preharvest:** After the hard dough or denting stage, apply 1 to 2 pints of product per acre by air or ground equipment to suppress perennial weeds, decrease weed seed production, and control tall weeds such as Bindweed, Cocklebur, Dogbane, Jimsonweed, Ragweed, Sunflower, Velvetleaf, and vines that interfere with harvesting. Do not forage or feed corn fodder to livestock for 7 days following application.

**Postharvest:** Following the harvest of corn, Wild Garlic often produces new fall growth. This should be sprayed with 2 to 3 quarts of product per acre. This is a useful practice as one part of a Wild Garlic control program. Do not forage for 7 days following application. Do not plant any crop for three months after treatment.

**Sorghum (Milo):** See table for recommended rate. Apply to sorghum when crop is 4 to 12 inches high with secondary roots well established. Use drop nozzles when crop is over 10 inches high. Do not apply from flowering to dough stage. Rates of up to 1 pint per acre may be used to control some hard to control weeds. However, the chance of crop injury is increased with the higher rates. Do not use with oil. Use lower rate if conditions of high temperatures and high soil moisture exist. Varieties vary in tolerance to 2,4-D and some hybrids are quite sensitive. Spray only varieties known to be tolerant to 2,4-D. Contact seed company or your Agricultural Experiment Station or Extension Service weed specialists for this information.

**RECOMMENDED RATES OF PRODUCT PER ACRE\*\***

<b>CROP (SEE DETAILED INSTRUCTIONS ABOVE)</b>	<b>RATE, AVERAGE CONDITIONS</b>	<b>RATE, DRY CONDITIONS AS IN WESTERN STATES*</b>
<b>Small Grains (Wheat, Barley, Rye):</b>		
Annual Weeds	1/2 to 1 pint	1 to 2 pints
Perennial Weeds	1 pint	1-1/4 to 2 pints
Preharvest	1 to 2 pints	
<b>Oats:</b>		
Spring	1/2 pint	
Fall	1/4 to 1-1/4 pint	
<b>Corn:</b>		
Preemergent	1 to 2 quarts	
Postemergent	1/2 pint	1/2 to 3/4 pint
Preharvest	1 to 2 pints	
<b>Sorghum (Milo):</b>		
Postemergent	1/2 pint	1/2 to 3/4 pint

\*Arizona, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming.

\*\*If band treatment is used, base the dosage rate on the actual area sprayed.

**Red Potatoes (Grown for fresh market):** Properly timed applications of this product generally enhance red color, aid in storage retention of red color, improve skin appearance, increase tuber set, and improve tuber size uniformity (fewer jumbos). Crop response may vary depending on variety, stress factors, and local conditions. Consult with Agricultural Extension Service and other qualified crop advisors for local treatment. Apply 2.3 fl. oz. of this product per acre in 5 to 25 gallons of water using ground or aerial equipment. The specific spray volume selected should be sufficient for good coverage of plants. Make first application when potatoes are in the pre-bud stage (about 7 to 10 inches high) and make a second application about 10 to 14 days later. Do not exceed two applications per crop. Do not harvest within 45 days of application. Uneven application or mixture with other pesticides and additives may increase the risk of crop injury.

**Soybeans (Preplant only):** For Use in Crop Residue Management Systems: Apply 3/4 to 1 pint per acre not less than 7 days prior to planting soybeans or 1 to 2 pints per acre not less than 30 days prior to planting. Apply to postemergent weeds when small, actively growing, and free of stress caused by extremes in climatic conditions, diseases, or insect damage. The response of individual weed species is variable. Consult your local county agent or state Agricultural Extension Service or crop consultant for advice. Use the higher rate on larger weeds and when perennials are present. (See WEEDS CONTROLLED below.)

Apply using air or ground equipment in sufficient gallonage to obtain adequate coverage of weeds. Use 2 or more gallons of water per acre in aerial equipment and 10 or more gallons of water per acre in ground equipment.

**WEEDS CONTROLLED**

alfalfa*	horseweed or marestalk	ragweed, giant
bindweed*	ironweed	shepherdspurse
bullnettle	lambsquarters, common	smartweed, Pennsylvania*
bittercress, smallflowered	lettuce, prickly	sowthistle, annual
buttercup, smallflowered	morningglory, annual	speedwell
Carolina geranium	mousetail	thistle, Canada*
cinquefoil, common & rough	mustard, wild	thistle, bull
clover, red*	onion, wild*	velvetleaf
cocklebur, common	pennycress, field	vetch, hairy*
dandelion*	peppergrass*	Virginia copperleaf
dock, curly	plantains	
evening primrose, cutleaf	purslane, common	*Partially controlled
garlic, wild*	ragweed, common	

After applying, plant soybean seed as deep as practical or at least 1-1/2 to 2 inches deep. Adjust the planter press wheel, if necessary, to ensure that planted seed is completely covered.

If desired, this product may be applied preplant to soybeans in tank mixtures with other herbicides such as Poast®, Poast® Plus, Roundup®, Roundup D-Pak®, Honcho®, Gramoxone® Extra, Prowl® DG, Prowl® 3.3 EC, Pursuit® Plus, Scepter® 70 DG, Squadron® and others that are registered for preplant soybean use.

Compatible crop oil concentrates, nonionic surfactant, and fluid fertilizers approved for use on growing crops may increase the herbicidal effectiveness of 2,4-D on certain weeds and may be added to the spray

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tank. Read and follow all directions and precautions on this label and on all labels of adjuvants or fertilizers mixed with this product.

**Note:** Unacceptable injury to soybeans planted in treated fields may occur. Whether or not soybean injury occurs and the extent of the injury will depend on weather and agronomic factors such as the amount of weed vegetation and previous crop residue present. Injury is more likely under cool rainy conditions and where there is less weed vegetation and crop residue present.

Not registered for use in California.

#### **Restrictions and Limitations for Use in Soybeans:**

Do not apply this product 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 use on low organic sandy soils (less than 1.0%).

Do not apply this product when weather conditions such as temperature, air inversions, or wind favor drift from treated areas to susceptible plants.

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.

Only one application of this product may be made prior to planting soybeans per growing season.

Do not replant fields treated with this product in the same growing season with crops other than those labeled for 2,4-D use.

**Ornamental Turf, such as Lawns, Golf Courses (Fairways, Aprons, Tees and Roughs), Sod Farms, Cemeteries, and Parks:** Use 1 to 4-1/5 pints of product in 40 to 180 gallons or enough water to give good coverage to one acre on established stands of perennial grasses, depending on type of weeds and stage of growth. Usually 4 pints per acre provides good weed control under average conditions. On turf, apply a maximum of 4-1/5 pints of this product per acre per application per site. Treat when weeds are young and actively growing. Do not apply to newly seeded grasses until well established. Use higher rate for hard-to-kill weeds. Use higher rate when using higher volume of water per acre. Do not exceed specified application dosages for any area. Deep-rooted perennial weeds may require repeated treatments in the same season or in subsequent years. Spray when air temperature is between 50° and 85° F. Avoid applying during excessively dry or hot periods unless irrigation (watering) is used before treatment. Do not apply if rainfall is expected within 48 hours, nor should lawns be irrigated for 48 hours following application. For optimum results, turf should not be mowed for 1 to 2 days before and after application. Reseed no sooner than 3 to 4 weeks after application of this product. Adding oil, wetting agent, or other surfactant to the spray may be used to increase effectiveness on weeds, but doing so may reduce selectivity to turf resulting in turf damage. Maximum kill of weeds will be obtained by applying in spring and early fall when weeds are actively growing. Do not use on golf greens nor on dichondra or other broadleaf herbaceous ground covers. Do not use on creeping grasses such as Bent and St. Augustine except for spot spraying. Newly seeded turf should not be treated until after the second mowing and the lower dosage rate should be used. **Notes for all Turf Sites (Excluding Sod Farms):** The maximum number of broadcast applications per treatment site is 2 per year.

**Grass Seed Crops:** Apply 1 to 4 pints of product per acre in the spring or fall to control broadleaf weeds in grass being grown for seed. Do not apply from early boot to milk stage. Spray seedling grass only after the five leaf stage, using 3/4 to 1 pint per acre to control small seedling weeds. After the grass is well established, higher rates of up to 4 pints per acre can be used to control hard to control annual or perennial weeds. For best results, apply when soil moisture is adequate for good growth. Do not use on

Bent unless injury can be tolerated. Do not graze dairy animals nor cut forage for hay within 7 days of application.

**Fallow Land:** On established perennial species such as Canada thistle and Field bindweed, apply up to 6 pints of product per acre. For annual broadleaf weeds, apply 2 to 4 pints per acre. Do not plant any crop for 3 months after treatment or until 2,4-D has disappeared from soil.

**Established Pastures and Rangelands:** Use 1 to 4 pints of product in sufficient water to give good coverage to one acre depending on type of weeds and stage of growth. Use only on established stands of perennial grasses. Do not graze dairy cattle within 7 days of application. Do not apply this product within 30 days of cutting grass for hay. Remove meat animals from treated areas 3 days prior to slaughter.

**Wild Garlic and Wild Onion Control:** Apply 4 to 4-1/5 pints of product per acre making three applications, fall-spring-fall or spring-fall-spring, starting in the late fall or early spring. Do not graze dairy cattle within 7 days of application. Do not apply this product within 30 days of cutting grass for hay. Remove meat animals from treated areas 3 days prior to slaughter.

**General Weed Control: (Airfield, Roadsides, Vacant Lots, Fence Rows, Industrial Sites and similar areas):** Use 2 to 6 pints of product per acre. Apply when most annual broadleaf weeds are still young and growing vigorously. Apply when perennial and biennial weeds are actively growing and near the bud stage, but before flowering. For best results on tansy ragwort and musk thistle, treat in rosette stage, before bolting. A second application is usually needed for best results on thistle, nettle, and bindweed. Treat wild onion or garlic in early spring and in fall when they are young and growing actively. Mix 4 pints of this product in 2 quarts kerosene or diesel oil, then add this mixture to 100 gallons of water. Apply 300 to 500 gallons of spray per acre, depending on the stand. The addition of a wetting agent (spray adjuvant) is suggested. Usually 4 pints per acre will give adequate control. Do not use on herbaceous ground covers or creeping grass such as Bent. Legumes will usually be damaged or killed. Deep-rooted perennials may require repeat applications. Do not use on freshly seeded turf until grass is well established. Delay reseeding for 30 days.

**Bitterweed, Broomweed, Croton, Kochia, Marshelder, Musk Thistle and Other Broadleaf Weeds:** Use 4 to 4-1/5 pints of this product in 10 to 30 gallons of water per acre. If weeds are young and growing actively, 2 pints per acre will provide control of some species. Deep-rooted perennial weeds may require repeated treatments in the same year or in subsequent years.

**Weed Control in Newly Sprigged Coastal Bermudagrass:** Apply 2-1/4 to 4 pints of this product in 20 to 100 gallons of water per acre pre-emergence and/or postemergence.

**Control of Southern Wild Rose:** On roadsides and fencerows, use 1 gallon of this product plus 4 to 8 oz. of a nonionic surfactant per 100 gallons of water and spray thoroughly as soon as foliage is well developed. Two or more treatments may be required. On rangeland, apply a maximum of 4-1/5 pints of this product per acre per application per site.

**Spot Treatment in Non-Crop Areas:** To control broadleaf weeds in small areas with a hand or back pack sprayer, use 4 fluid ounces of this product per gallon of water and spray to thoroughly wet all foliage.

**Grasses in Conservation Reserve Program Areas:** To control annual broadleaf weeds, apply when weeds are actively growing. Use 1/2 to 1 pint per acre when weeds are small; use higher rates on older weeds. Excessive injury may result if applied to young grasses with fewer than 6 leaves or prior to grasses being

well established. To control biennial and perennial broadleaf weeds in established grasses, apply at a rate of 2 to 4 pints per acre. Apply to actively growing weeds. 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. **Note:** It is suggested that at least 2 gallons of water per acre by air and 5 gallons of water per acre by ground be used. Do not harvest or graze treated Conservation Reserve Program areas. Do not apply to grasses in the boot to dough stage if grass seed production is desired.

**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 to 3 quarts of product per acre in 100 gallons of water. Wet all parts of the plants thoroughly, including stem and foliage, to the point of runoff. 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. In general, it is better to cut tall wood plants and spray sucker growth when 2 to 4 feet tall.

**Sand Shinnery Oak and Sand Sagebrush:** On oak, use 2 pints of this product in 5 gallons of oil or in 4 gallons of water plus 1 gallon of oil per acre. Apply by aircraft between May 15 and June 15. On sagebrush, use 2 pints in 3 gallons of oil per acre and apply by aircraft when foliage is fully expanded and the brush is actively growing.

**Big Sagebrush and Rabbitbrush (for pastures and rangelands, see note below):** Use 2-1/4 to 6 pints in 2 to 3 gallons of oil or in 3 to 5 gallons of oil-water emulsion spray. For rabbitbrush, the 6-pint rate is usually required. Brush should be leafed out and growing actively when treated. Retreatment may be necessary.

**Chamise, Manzanita, Buckbrush, Coastal Sage, Coyotebrush and Certain Other Chaparral Species:** Use 2 to 6 pints per acre in 5 to 10 gallons of water. One gallon of fuel oil may be included in the spray mixture for added effectiveness. Make applications by aircraft or ground equipment to obtain uniform spray coverage. For effective control, the brush must be fully leafed out and growing actively when sprayed. Retreatment may be needed. Consult state of local brush control specialists for most effective rate, volume and timing of spray application.

**Note:** May be applied to pastures and rangeland at a maximum rate of 4-1/5 pints per acre per application per site.

**USES IN FOREST MANAGEMENT:**

**Conifer Release:** For control of alder, apply 1-1/2 to 3 quarts of product per acre in 8 to 25 gallons of water, and apply as a foliage spray. Treat when 3/4 of the brush foliage has attained full size leaves and before new conifer growth reaches 2" in length. This is usually between early May and mid-June. Adjust treatment date depending on stage of growth and brush species. This may cause leader deformation on exposed firs, but they should overcome this during the second year after spraying.

To control susceptible brush species such as ceanothus spp., chinquapin, madrone, manzanita, oak and tanoak and to release Douglas fir, hemlock, Sitka spruce or grand fir, apply up to 3 quarts per acre before new growth on Douglas fir is 2" long. To control manzanita and ceanothus in ponderosa pine, apply up to 3 quarts per acre before pine growth begins in spring. To increase performance, add 2 to 4 quarts of diesel, fuel oil, kerosene, or a suitable approved agricultural surfactant at recommended label rate.

After northern conifers, jack pine, red pine, black spruce, and white spruce cease growth and "harden off" in late summer, a spray of 1-1/2 to 3 quarts of product in 8 to 25 gallons of water per acre may be applied by air to control certain competing hardwood species such as Alder, Aspen, Birch, Hazel and Willow. Since this treatment may cause occasional conifer injury, do not use if such injury cannot be tolerated. Consult your regional or extension forester or state herbicide specialist for recommendations to fit local conditions.

**Tree Injections (Pine Release):** To control hardwoods, such as Oaks, Hickory, Maple, Pecan, Elm, Sumac, Sweetgum and Hawthorn in forest and other noncrop areas, apply undiluted product in a concentrate tree injector calibrated to apply 1 ml. per injection. Space injections 2" apart, edge to edge, completely around the tree and close to the base. The injector bit must penetrate the inner bark. On hard-to-kill species such as Hickory, Dogwood, Red maple, Blue beech and Ash, make injections 1 to 1-1/2 inches apart, edge to edge. Treatment may be made at any time of the year. For best results, injections should be made during growing season, May 15-October 15. For dilute injections, mix 1 gallon of product in 19 gallons of water.

**Dormant Application (other than pine):** For the control of susceptible deciduous brush species such as alder, cascara, cherry, poplar and service berry, apply up to 3 quarts of product per acre in sufficient diesel, fuel oil or kerosene for good coverage. Application may be made by ground or air and should be made before conifer bud break.

**Pine Only:** Make application while pine buds are still dormant. Apply 2 quarts of product per acre in sufficient water for good coverage by air or ground equipment. Do not use this application unless some pine injury is acceptable. Use of diesel, kerosene, or other oil, or addition of surfactants to spray mix may cause unacceptable pine injury.

**Christmas Tree Plantations:** For control of labeled broadleaf weeds in Douglas fir Christmas trees, use 1 to 2 pints of this product per acre. Apply over the top of Douglas fir by ground or aerial application, e.g., only when the trees are dormant, prior to bud break. Do not spray over the top of pine or true firs (*Abies spp.*). Directed sprays may be made to weeds in Christmas tree plantations of all conifer species, but the spray must not contact tree foliage as injury may occur. Do not apply to weakened, diseased, or stressed seedlings, since unacceptable injury may occur. This product may be mixed with atrazine for Christmas tree application (see Tank Mixes section.)

**Herbaceous Weed Control:** To control over-wintering susceptible weeds such as false dandelion, klamathweed, plantain, and tansy ragwort, apply 1 to 3 quarts of product per acre in sufficient water for good coverage. Make application at rates and timing indicated above if pines are present. For control of hazel brush and similar species in the Lake States area, apply 2 quarts of product per acre in 8 to 25 gallons of water, when new shoot growth of Hazel is complete.

**Site Preparation: (As Dormant Spray)** - For control of alder prior to planting seedlings, apply 2 to 4 quarts of product per acre in diesel, fuel oil, or similar oil before foliage is 1/4 full size. Application may be made by air or ground.

**(As Foliage Spray)** - For control of alder prior to planting seedlings, apply 2 to 3 quarts of product per acre in 8 to 25 gallons of water, after most alder leaves are full size. To increase penetration, 2 to 4 quarts per acre of diesel, fuel oil, kerosene, or a suitable approved agriculture surfactant at recommended label rates, may be added to the spray mixture.

**TANK MIXES**

Read and follow the label of each tank mix product used for precautionary statements, directions for use, geographic and other restrictions.

**Cereal Grains**

**2,4-D LV4 and Buctril® ME4 for weed control on cereal grains (wheat, barley and rye):** Buctril ME4 Broadleaf Herbicide will control some annual weeds that are resistant to this product and may be tank mixed with 2,4-D LV4 for broader spectrum weed control on small grains. In cereal areas except Washington, Oregon and Idaho, use 1/2 to 1 pint of this product plus 1/2 to 3/4 pint of Buctril ME4 per acre. In Washington, Oregon and Idaho, use 1/2 to 1 pint of this product plus 3/4 to 1 pint Buctril ME4 per acre. First mix the 2,4-D LV4 in water, then add the Buctril ME4. Use the higher rates for larger weeds or where weed growth is slow due to dry or cold weather. Apply before weeds are 6 inches high. Use 10 to 20 gallons total spray volume per acre with ground equipment or 5 to 10 gallons total spray volume with air application. Use higher volume on larger weeds.

**2,4-D LV4 and Amber® Tank Mix for Control in Wheat, Barley, Pastures, Rangeland and Conservation Reserve Program Areas:** Use Amber recommended rates and application guidelines in combination with 2,4-D LV4 in the following applications:

- To control broadleaf weeds beyond optimum treatment size for Amber.
- To control broadleaf weeds not listed on the Amber label.
- To control sulfonylurea resistant weeds.
- For henbit control, apply with Amber in early post-emergent applications.

**2,4-D LV4 with Albaugh Dicamba DMA Salt (or Albaugh Dicamba SG) and Ally® (or Express) to Provide More Complete Kochia Control:** Offers quick burndown. Provides residual activity with Ally to control later weed flushes making harvesting easier and reducing post-harvest weed control needs. Controls broader weed spectrum while offering better control of Russian thistle, mustards, flixweed and wild buckwheat. Allow for early treatment. Apply 8 ounces of this product with 0.1 ounce of Ally plus either 2 to 3 ounces of Albaugh Dicamba DMA Salt or 4 to 6 ounces of Albaugh Dicamba SG per acre. The tank mix can be applied to winter wheat from the four-leaf stage (tillering) to prior to joint. It can be applied to spring wheat from the four-leaf stage through the five-leaf stage. Growers who want to rotate to a sensitive crop following wheat and are concerned about carryover from Ally can substitute Express® in the tank mix which allow crop rotation 60 days after application. The recommended rate of Express is 1/6 ounce per acre.

**2,4-D LV4 and Peak® for Postemergent Weed Control in Grain Sorghum:** Use 3-3/4 to 7-1/2 ounces of 2,4-D LV4 in combination with Peak herbicide. Application should be made as a directed spray when sorghum reaches 5-8" or 8-24" in height. **For Applications in Wheat, Barley and Rye:** Use the lower tank mix rate for Peak in conjunction with 7-1/2 to 12 ounces per acre of 2,4-D LV4 to control thistles and field bindweed. Application limited to spring after tillering and prior to jointing. **For Control of Kochia (1-6"), Lambsquarter (1-6"), Morningglories (1-6") and Pigweeds (1-8") in Wheat and Fall Seeded Barley:** Apply tank mix rate of Peak in combination with 7-1/2 to 12 ounces per acre of 2,4-D LV4 after tillering and prior to jointing.

**2,4-D LV4 and Finesse® for Postemergent Applications to Control Broadleaf Weeds in Wheat and Barley:** Combine label recommended use rates of Finesse with 7-1/2 to 15 ounces of 2,4-D LV4. Follow all spray application guidelines as outlined on the Finesse label.

## Soybeans

**2,4-D LV4 and Turbo® 8EC in reduced-tillage or no-till systems:** 2,4-D LV4 may be applied in combination with Turbo 8EC for the control of annual grasses and broadleaf weeds and the suppression of emerged perennial weeds when soybeans are directly seeded into a stale seedbed, cover crop or in previous crop residues. Special precautions: poor weed control and/or crop injury may result if directions are not followed. Do not use a rib-type press wheel on your no-till planter or crop injury may result. Apply at a rate of 2 pints 2,4-D LV4 per acre with labeled rates of Turbo 8EC. Application is recommended 30 days prior to planting.

**2,4-D LV4 and Poast® as a burndown prior to planting soybeans:** For broad spectrum postemergence weed control, a tank mix application of 2,4-D LV4 with Poast may be made for control of emerged broadleaf and grass weeds before planting soybeans. Apply at a rate of 1 pint this product per acre with labeled rates of Poast up to 30 days prior to planting.

**2,4-D LV4 with Scepter®, Scepter 70DG or Squadron® in preplant applications on no-till soybeans:** For broad spectrum post-emergence weed control, a tank mix application of 2,4-D LV4 with Scepter, Scepter 70 DG or Squadron herbicides may be made for the control of emerged broadleaf and grass weeds before planting soybeans. Apply at a rate of 1 pint of this product per acre up to 7 days prior to planting, or 2 pints per acre up to 30 days prior to planting with labeled rates of Scepter, Scepter 70DG or Squadron herbicides.

**2,4-D LV4 and Sencor® as knockdown herbicides for no-till:** 2,4-D LV4 with Sencor DF alone or in combination with Dual®, Lasso®, Surflan® or Prowl® may be applied as an early preplant surface application for the control of certain broadleaf weeds and grasses in soybeans in minimum or no-till products. Application must be made 30 days prior to planting. Apply at a rate of 2 pints this product (1 lb. a.i.) per acre with labeled rates of Sencor. Where grass herbicide is used in tank mix, apply at the rates specified on that product's label.

## Christmas Trees

**2,4-D LV4 and atrazine for weed control in forest and Christmas tree plantings:** A tank mix of these two products can be used to control weeds and thus aid in establishment of young transplants of Douglas fir, grand fir, nobel fir, white fir, Austrian pine, bishop pine, Jeffrey pine, Knobcone pine, loblolly pine, lodgepole pine, Monterey pine, ponderosa pine, scotch pine, slash pine, blue spruce and Sitka spruce.

The mix should be applied between fall and early spring, preferably in February or March, while trees are still dormant, or soon after transplanting. Weeds should not be more than 1-1/2 inches high. It can be applied with either ground or air equipment. Helicopters have been highly effective for reforestation applications or steep terrain. Uniform application is the key to good weed control. Use 20 to 40 gallons of water per acre for ground application. When applying by air, use a minimum of 5 gallons of water. Be sure equipment is properly calibrated. All screens in the spray system -- nozzles, and in-line and suction strainers -- should be 15 mesh or coarser. Use a pump with capacity to maintain a nozzle pressure of 35 to 40 psi, and sufficient agitation to keep the mixture in suspension in the spray tank. If a nurse tank is used, keep the mixture agitated while awaiting transfer to the spray tank. Mix 2 to 4 quarts atrazine 4L or 2-1/2 to 5 pounds atrazine 80W with 1 to 3 quarts of 2,4-D LV4. The actual rate of atrazine used should depend on soil type. Soils high in organic matter require higher rates than light to medium soils. Band application to Christmas Trees - Calculate the amount to be applied per acre. The band width in inches, divided by the rows spacing in inches, times the rate per acre for broadcast treatment will equal the amount needed per acre for band treatment. For example, when treating a 4-foot band over trees planted

in rows of 8 feet apart, apply 1-1/4 to 2-1/2 pounds of atrazine per acre. Please read atrazine label(s) for additional instructions.

### **Non-Crop & Woody Plant Control**

**2,4-D LV4 and Garlon® 4 or Garlon 3A Tank Mixtures for Non-Crop Areas: Broadleaf Weed Control:** Use 2 to 4 pints 2,4-D LV4 plus 2 to 6 pints Garlon 4 or 3 to 8 pints Garlon 3A per acre. For wider spectrum control of broadleaf weeds and woody plants, apply as a broadcast spray in enough water to deliver 20 to 100 gallons total spray per acre. Apply when broadleaf weeds are actively growing. **Woody Plant Control - Broadcast Foliar Spray:** Use 1 to 2 gallons 2,4-D LV4 plus 1-1/2 to 3 quarts Garlon 4 or 2 to 4 quarts Garlon 3A per acre. Apply as a broadcast spray in enough water to deliver 20 to 100 gallons total spray per acre. Apply when woody plants are actively growing. **Woody Plant Control - High Volume Leaf-Stem Treatment with Ground Equipment:** Use 1 to 8 quarts 2,4-D LV4 plus 1-1/2 to 12 pints Garlon 4 or 2 to 16 pints Garlon 3A per acre. Mix 3/4 to 2 quarts product, plus 1-1/2 to 3 pints Garlon 4 or 2 to 4 pints Garlon 3A in enough water to make 100 gallons of spray per acre. Apply at a volume of 100 to 400 gallons of total spray per acre depending on size and density of woody plants. Thoroughly wet all leaves, stems, and root collars of plants to be controlled. **Woody Plant Control - Aerial Application (Helicopter only):** Use 1 to 2 gallons 2,4-D LV4 plus 3 to 4 quarts Garlon 4 or 4 to 6 quarts Garlon 3A per acre. Apply in a total spray volume of 10 to 30 gallons per acre using drift control equipment or an effective drift control agent. Use the higher rates and volumes when plants are dense or under drought conditions.

**2,4-D LV4 and Albaugh Dicamba DMA Salt Tank Mix for Non-Crop Areas: Annual Broadleaf Weeds:** Use 2 to 4 pints this product plus 1/2 to 1-1/2 pints Albaugh Dicamba DMA Salt. For wider spectrum control of broadleaf weeds and woody plants, apply as a broadcast spray in enough water to deliver 20 to 100 gallons total spray per acre. Apply when broadleaf weeds are actively growing. Use the higher rates when treating dense or tall vegetative growth. **Perennial and Biennial Broadleaf Weeds:** Use 3 to 6 pints this product plus 1/2 to 6 pints Albaugh Dicamba DMA Salt. Apply as a broadcast spray in enough water to deliver 20 to 100 gallons total spray per acre. Apply when broadleaf weeds are actively growing but prior to flowering. Use the lower rates for biennials less than 3 inches rosette diameter. Use the higher rate for perennial weeds or for biennial weeds past the 3 inch rosette stage. **Woody Plant Control - Broadcast, High Volume, Stem Foliage or Aerial Application:** Use 1 to 2 gallons this product plus 2 to 8 quarts Albaugh Dicamba DMA Salt. Apply as a broadcast spray in enough water to deliver 20 to 100 gallons total spray per acre or apply as a high volume stem foliage spray in enough volume to thoroughly wet leaves, stems, and root collars (100 to 400 gallons per acre) or apply aerially in enough water to deliver total spray volume of 10 to 30 gallons per acre using drift control equipment or an effective drift control agent. Use the higher rates and volumes when plants are dense or under drought conditions.

Tank Mixes of 2,4-D LV4 and Escort®, Oust® or Telar® herbicides improve control of some target species and may also be tank mixed with these products for post-emergent weed control. Tank mixes have shown improved control where resistant bio-types are present.

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

### **WARRANTY LIMITATIONS AND DISCLAIMER**

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the DIRECTIONS FOR USE when used under normal conditions. THIS IS THE ONLY WARRANTY MADE ON THIS PRODUCT. NO OTHER EXPRESS AND NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A

PARTICULAR PURPOSE IS MADE OUTSIDE OF THIS LABEL. Therefore, neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), under abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes, etc.) or under conditions not reasonably foreseeable to or beyond the control of seller.

When buyer or user suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability, or other legal theories), buyer or user must promptly notify seller, in writing, of any claims to be eligible to receive either remedy given below. The EXCLUSIVE REMEDY OF THE BUYER OR USER and the LIMIT OF LIABILITY of seller will be one of the following, at the election of the seller:

1. Refund of purchase price paid by buyer or user for product bought or
2. Replacement of amount of product used.

The seller will not be liable for consequential or incidental damages or losses.

The terms of this Warranty Limitations and Disclaimer cannot be varied by any written or verbal statements or agreements. Any employee or sales agent of the seller is not authorized to vary or exceed the terms of this Warranty Limitations and Disclaimer in any manner.

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Poast® is a registered trademark of BASF Corp.

Amber®, Banvel®, Dual® and Peak® are registered trademarks of Novartis Crop Protection.

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