

53883-142

5-25-2004

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:
53883-142 ✓

Date of Issuance:
MAY 25 2004

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance:
Conditional

Name of Pesticide Product:
DICAMBA AG

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507-1041

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit such data.
2. Make the following label change:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 53883-142".
 - b. Within the First Aid box, incorporate the following Note To Physician statement:
"Note To Physician: Probable mucosal damage may contraindicate the use of gastric lavage."

Signature of Approving Official:

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Date:

MAY 25 2004

3. Submit one (1) copy of your final printed labeling before you release the product for shipment.

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

A stamped copy of the label is enclosed for your records.

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

Enclosures

DICAMBA AG

FOR WEED CONTROL IN CORN, SORGHUM, SMALL GRAINS, PASTURE, HAY, RANGELAND, GENERAL FARMSTEAD (Non-Cropland), RIGHTS-OF-WAY, PUBLIC UTILITY AND INDUSTRIAL AREAS, FALLOW, SUGARCANE, ASPARAGUS, TURF AND GRASS SEED CROPS.

ACTIVE INGREDIENT:

Dimethylamine salt of dicamba (3,6-dichloro-o-anisic acid)*	49.77%
Inert Ingredients:	<u>50.23%</u>
Total	100.00%

*This product contains 41.35% 3,6 dichloro-o-anisic acid (dicamba) or 4 pounds per gallon (480 g/L)

**KEEP OUT OF REACH OF CHILDREN
WARNING/AVISO**

(See attached label for additional precautionary statements)

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

Net Contents: _____

ACCEPTED
with COMMENTS
in EPA Letter Dated
MAY 25 2004

**PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals**

WARNING/AVISO

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

53883-142

Causes eye irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Avoid breathing spray mist. Wash thoroughly after handling.

First Aid	
Have product container or label with you when calling a poison control center or doctor, or going for treatment.	
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes:	<ul style="list-style-type: none"> • Hold eyelids open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If Swallowed	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If Inhaled	<ul style="list-style-type: none"> • 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.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

Discard 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, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering controls statements:

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

For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

Apply this product only as directed on label.

DIRECTIONS FOR USE

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

For any requirements specific to your State or tribe, consult the agency responsible for pesticide regulation. 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.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40CFR 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 24 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
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

NON-AGRICULTURAL USE REQUIREMENTS

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

Keep unprotected persons, including children and pets, out of the treated areas until sprays have dried.

Before applying DICAMBA AG read all directions and precautions in this label. Failure to follow all directions and precautions may result in unsatisfactory weed control, crop injury, or illegal residues.

GENERAL INFORMATION

The following directions apply to all uses of DICAMBA AG. Additional precautions and restrictions will be found in each specific use section.

Do not treat irrigation ditches or water used for crop irrigation or domestic uses.

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

MIXING AND APPLICATION

UNLESS OTHERWISE SPECIFIED UNDER THE INDIVIDUAL USE HEADINGS OF THIS LABEL, THE FOLLOWING DIRECTIONS APPLY TO ALL CROP AND NON-CROP USES OF DICAMBA AG. REFER TO INDIVIDUAL USE SECTIONS FOR ADDITIONAL PRECAUTIONS, RESTRICTIONS, APPLICATION RATES AND TIMINGS.

DICAMBA AG is a water-soluble formulation that can be applied using water or sprayable fluid fertilizer as the carrier. If a fluid fertilizer is to be used, a compatibility test (see COMPATIBILITY TEST on this label) should be made prior to tank mixing.

Ground or aerial application equipment which will give good spray coverage of weed foliage should be used. HOWEVER, DO NOT USE AERIAL APPLICATION EQUIPMENT IF SPRAY PARTICLES CAN BE CARRIED BY WIND INTO AREAS WHERE SENSITIVE CROPS OR PLANTS ARE GROWING OR WHEN TEMPERATURE INVERSIONS EXIST.

Apply 3 to 50 gallons of a diluted spray per treated acre when using ground application equipment, or 1 to 10 gallons of a diluted spray per treated acre (2 to 20 gallons of diluted spray per acre for preharvest uses) in a water-based carrier when using aerial application equipment. Use the higher level of the listed spray volumes when treating dense or tall vegetation. Use coarse sprays.

Select nozzles designed to produce minimal amounts of fine spray particles. Spray with nozzles as close to the weeds as is practical for good weed coverage.

To avoid uneven spray coverage, DICAMBA AG should not be applied during periods of gusty wind or when wind is in excess of 15 mph.

Avoid disturbing (e.g. cultivating or mowing) treated areas for at least 7 days following application.

BEST STEWARDSHIP PRACTICES

DICAMBA AG provides effective broadleaf weed and brush control when properly applied. Best stewardship practices in all mixing, loading and application operations not only maximize weed control, but also protect ground and surface waters and minimize off-target movement.

This chemical is known to leach through soil into ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

GROUND AND SURFACE WATERS PROTECTION

1. Point source contamination - To prevent point source contamination, do not mix, load this pesticide product within 50 feet of wells (including abandoned wells and drainage wells), sink holes, perennial or intermittent streams and rivers, and natural or impounded lakes and reservoirs. Do not apply pesticide product within 50 feet of wells. This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or properly diked mixing/loading areas as described below.

Mixing, loading, rinsing, or washing operations performed within 50 feet of a well are allowed only when conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be on or move across the pad. The pad must be self-contained to prevent surface water flow over or from the pad. The pad capacity must be maintained at 110% that of the largest pesticide container or application equipment used on the pad and have sufficient capacity to contain all product spills, equipment, or container leaks, equipment wash waters, and rainwater that may fall on the pad. The containment capacity does not apply to vehicles delivering pesticide shipments to the mixing/loading site. States may have in effect additional requirements regarding wellhead setbacks and operational containment.

Care must be taken when using this product to prevent: a) back siphoning into wells, b) spills or c) improper disposal of excess pesticide, spray mixtures or rinsates. Check valves or antisiphoning devices must be used on all mixing equipment.

2. Movement by surface runoff or through soil - Do not apply under conditions which favor runoff. Do not apply to impervious substrates such as paved or highly compacted surfaces in areas with high potential for ground water contamination. Ground water contamination may occur in areas where soils are permeable or coarse and ground water is near the surface. Do not apply to soils classified as sand with less than 3% organic matter and where ground water depth is shallow. To minimize the possibility of ground water contamination, carefully follow application rate recommendations as affected by soil type in the general information section of this label.
3. Movement by water erosion of treated soil - Do not apply or incorporate this product

through any type of irrigation equipment nor by flood or furrow irrigation. Ensure treated areas have received at least one-half inch rainfall (or irrigation) before using tailwater for subsequent irrigation of other fields.

SENSITIVE CROP PRECAUTIONS

DICAMBA AG may cause injury to desirable trees and plants, particularly beans, cotton, flowers, fruit trees, grapes, ornamentals, peas, potatoes, soybeans, sunflowers, tobacco, tomatoes and other broadleaf plants when contacting their roots, stems, or foliage. These plants are most sensitive to DICAMBA AG during their development or growing stage. FOLLOW THE PRECAUTIONS LISTED BELOW WHEN USING DICAMBA AG .

- Do not treat areas where either possible downward movement into the soil or surface washing may cause contact of DICAMBA AG with the roots of desirable plants such as trees and shrubs.
- Avoid making applications when spray particles may be carried by air currents to areas where sensitive crops and plants are growing, or when temperature inversions exist. Do not spray near sensitive plants if wind is gusty or in excess of 5 mph and moving in the direction of adjacent sensitive crops. Leave an adequate buffer zone between area to be treated and sensitive plants. Coarse sprays are less likely to drift out of the target area than fine sprays.
- Use coarse sprays to avoid potential herbicide drift. Select nozzles which are designed to produce minimal amounts of fine spray particles. Examples of nozzles designed to produce coarse sprays via ground applications are Delavan Raindrops, Spraying Systems XR flat fans or large capacity flood nozzles such as D10, TK10 or greater capacity tips. Keep the spray pressure at or below 20 psi and the spray volume at or above 20 gpa, unless otherwise required by the manufacturer of drift-reducing nozzles. Consult with your spray nozzle supplier concerning the choice of drift reducing nozzles.
- Agriculturally approved drift-reducing additives may be used.
- Do not apply DICAMBA AG adjacent to sensitive crops when the temperature on the day of application is expected to exceed 85° F as drift is more likely to occur.
- To avoid injury to desirable plants, equipment used to apply DICAMBA AG should be thoroughly cleaned (see PROCEDURE FOR CLEANING SPRAY EQUIPMENT below) before reusing to apply any other chemicals.

All crop uses of DICAMBA AG are intended for a normal growing interval between planting and harvest. No crop rotation restrictions exist if normal harvest of treated crop has occurred. If this interval is shortened, such as in cover crops that will be plowed under, do not follow up with the planting of a sensitive crop.

Crops growing under stress conditions such as drought, poor fertility, or foliar damage due to hail, wind or insects, can exhibit various injury symptoms that may be more pronounced if herbicides are applied.

Consult your local or state authorities for possible application restrictions and advice concerning these and other special local use situations. **Tank mix recommendations are for use only in states where the tank mix product and application site are registered.**

BAND TREATMENTS

DICAMBA AG may be applied as a band treatment. Use the formulas below to determine the appropriate rate and volume per acre.

Band width in inches Broadcast RATE = Band RATE
 Row width in inches X per treated acre = per treated acre

Band width in inches Broadcast VOLUME = Band VOLUME
 Row width in inches X per treated acre = per treated acre

COMPATIBILITY TEST

Before mixing in the spray tank, it is advisable to test compatibility by mixing all components in a small container in proportionate quantities (see following table).

Amount of Herbicide to Add to One Pint of Spray Carrier (Assuming Volume is 25 Gallons per Acre)		
HERBICIDE FOMULATIONS	RATE PER ACRE	LEVEL TEASPOONS
Dry	1 lb.	1 ½
Liquid	1 pt.	½

If herbicide(s) do not ball-up or form flakes, sludge, gels, oily films or layers, or other precipitates, then the tested spray mix is compatible. Usually, incompatibility in any of the above described forms will occur within 5 minutes after mixing.

If components are incompatible, the use of a compatibility agent is recommended. Re-run the above COMPATIBILITY TEST with a suitable compatibility agent (1/4 teaspoon is equivalent to 2 pints per 100 gallons of fluid fertilizer).

PROCEDURE FOR CLEANING SPRAY EQUIPMENT

The steps listed below are suggested for thorough cleaning of spray equipment following applications of DICAMBA AG or tank mixes of DICAMBA AG or tank mixes of DICAMBA AG plus 2,4-D amine.

- 1) Hose down thoroughly the inside as well as outside surfaces of equipment while filling the spray tank half full of water. Flush by operating sprayer until the system is purged of the rinse water.
- 2) Fill tank with water while adding 1 quart of household ammonia for every 25 gallons of water. Operate the pump to circulate the ammonia solution through the sprayer system for 15 to 20 minutes and discharge a small amount of the ammonia solution through the boom and nozzles. Let the solution stand for several hours, preferably overnight.
- 3) Flush the solution out of the spray tank through the boom.
- 4) Remove the nozzles and screens and flush the system with two full tanks of water.

The steps listed below are suggested for thorough cleaning of spray equipment used to apply DICAMBA AG as a tank mix with wettable powders (WP), emulsifiable concentrates (EC), or other types of water-dispersible formulations. DICAMBA AG tank mixes with water-dispersible formulations require the use of a water/detergent rinse.

- 5) Complete step 1.
- 6) Fill tank with water while adding 2 lbs. of detergent for every 40 gallons of water. Operate the pump to circulate the detergent solution through the sprayer system for 5 to 10 minutes and discharge a small amount of the solution through the boom and nozzles. Let the solution stand for several hours, preferably overnight.

7) Flush the detergent solution out of the spray tank through the boom.

8) Repeat step 1, and follow with steps 2, 3, and 4.

GENERAL WEED LIST

This is a general list of weeds which may be treated with DICAMBA AG in accordance with this label as recommended under the rates and timing sections of the Individual Use Headings. Proper usage of this product will give control or growth suppression of many ANNUAL, BIENNIAL, and PERENNIAL broadleaf weeds, and many WOODY brush and vine species including:

	ANNUALS	
Amaranth, Spiny(Spiny Pigweed)	Lambsquarters, Common	Ragweed, Giant (Buffalowed)
Aster, Slender	Lambsquarters (triazine resistant)	Ragweed Lance-Leaf
Bedstraw	Lettuce, Prickly	Rubberweed, Bitter(Bitterweed)
Beggarweed, Florida	Mallow, Common	Sesbania, Hemp
Broomweed,	Mallow, Venice	Shepherdspurse
Common	Mayweed	Sicklepod
Buckwheat, Wild	Morningglory, Ivyleaf	Sida, Prickly (Teaweed)
Buffalobur	Morningglory, Tall	Smartweed, Green
Burclover, California	Mustard, Tansy	Smartweed, Pennsylvania
Burcucumber	Mustard, Wild	Sneezeweed, Bitter
Buttercup, Roughseed	Mustard (Yellowtops)	Sowthistle, Annual
Carpetweed	Nightshade, Black	Sowthistle, Spiny
Catchfly, Nightflowering	Pennycress, Field(Fanweed,	Spikeweed, Common
Chamomile, Corn	Frenchweed, Stinkweed)	Spurge, Prostrate
Chickweed, Common	Pepperweed, Virginia	Spurry, Corn
Clovers (Annual)	(Peppergrass)	Starbur, Bristly
Cockle, Corn	Pigweed, Prostrate	Sumpweed, Rough
Cockle, Cow	Pigweed, Redroot(Carelessweed)	Sunflower, Common (Wild)
Cocklebur, Common	Pigweed, Rough	Sunflower, volunteer
Croton, Tropic	Pigweed, Smooth	Thistle, Russian
Croton, Woolly	Pigweed (triazine resistant)	Velvetleaf
Daisy, English	Pigweed, Tumble	Waterhemp
Evening primrose, Cutleaf	Poorjoe	Waterprimrose, Winged
Fleabane, Annual	Puncturevine	Wormwood, Annual
Goosefoot, Nettleleaf	Purslane, Common	
Henbit	Pusley, Florida	
Jimsonweed	Radish, Wild	
Knotweed	Ragweed, Common	
Kochia		
Ladysthumb		

	BIENNIALS	
Burdock, Common	Gromwell	Sweetclover
Carrot, Wild (Queen Anne's Lace)	Knapweed, Diffuse	Teasel
Cockle, White	Knapweed, Spotted	Thistle, Bull
Evening primrose, Common	Mallow, Dwarf	Thistle, Milk
Geranium, Carolina	Plantain, Bracted	Thistle, Musk
	Ragwort, Tansy	Thistle, Plumeless
	Starthistle, Yellow	

PERENNIALS		
*Alfalfa Artichoke, Jerusalem Aster, Spiny Waster, Whiteheath Beadstraw, Smooth Bindweed, Field Bindweed, Hedge Blueweed, Texas *Bursage, (Bur Ragweed) (Lakeweed)(Povertyweed) Bursage, Woollyleaf (Lakeweed) Buttercup, Tall Campion, Bladder Chickweed, Field Chickweed (Mouseeear, Canada) Chicory *Clover, Hop *Dandelion, Common *Dock, Broadleaf (Bitterdock) *Dock, Curly Dogbane, Hemp *Dogfennel (Cypressweed)	Fern, Bracken Garlic, Wild Goldenrod, Canada Goldenrod, Missouri Goldenweed, Common Hawkweed Horsenettle, Carolina Ironweed Knapweed, Black Knapweed, Russian Mare's Tail (Horseweed) Milkweed, Climbing Milkweed, Common Milkweed, Honeyvine Milkweed, Western Whorled Nettle, Stinging Nightshade, Silverleaf(White Horsenettle) Onion, Wild *Plantain, Broadleaf Plantain, Buckhorn Pokeweed Ragweed, Western Redvine Sericia Lespedeza	Smartweed, Swamp Snakeweed, Broom *Sorrel, Red (Sheep Sorrel) Sowthistle Sowthistle, Perennial Spurge, Leafy Sundrop, Halfshrub(Eveningprimrose) Thistle, Canada Toadflex, Dalmation Tropical Soda Apple Trumpet creeper (Buckvine) Vetch Waterhemlock Waterprimrose, creeping *Woodsorrel, Creeping Common Yellow Wormwood, Common Wormwood, Louisiana *Yankeeweed Yarrow, Common

* Noted perennials may be controlled using DICAMBA AG at rates lower than those recommended for other listed perennial weeds. (See APPLICATION RATES AND TIMINGS sections).

WOODY		
Alder Ash Aspen Basswood Beech Birch *Blackberry *Blackgum *Cedar Cherry Chinquapin Cottonwood *Creosotebush Cucumbertree *Dewberry *Dogwood Elm Grape	*Hawthorn (Thornapple) Hemlock Hickory Honeylocust Honeysuckle Hornbeam Huckleberry Huisache Ivy, Poison Kudzu Locust, Black Maple Mesquite Oak Oak, Poison Olive, Russian Persimmon, Eastern Pine *Plum, Sand (Wild Plum)	Poplar Rabbitbrush *Redcedar, Eastern *Rose, McCartney *Rose, Multiflora Sagebrush, Fringe Sassafras Serviceberry Spicebush Spruce Sumac *Sweetgum Sycamore Tarbush Willow Witchhazel *Yaupon *Yucca

*Growth Suppression

FIELD, SEED*, POPCORN* AND SILAGE CORN

Observe all PRECAUTIONS, MIXING and APPLICATION instructions on this label.

* Do not apply DICAMBA AG to seed corn or popcorn without first verifying with your local seed corn company (supplier) the DICAMBA AG selectivity on your inbred line or variety of popcorn. This precaution will help avoid potential injury of sensitive varieties.

DICAMBA AG is not registered for use on sweet corn.

Direct contact of DICAMBA AG with corn seed must be avoided. If corn seeds are less than 1 1/2 inches below the surface, delay application until corn has emerged.

Up to 2 applications of DICAMBA AG may be made during a growing season. Do not exceed a total 1 1/2 pints of DICAMBA AG per treated acre per crop year. Allow two weeks or more between applications of DICAMBA AG. See appropriate section for rate information. For combination options or sequential treatments, refer to appropriate section.

Applications of DICAMBA AG to corn during periods of rapid growth may result in temporary leaning. Corn will usually become erect within 3 to 7 days. Cultivation should be delayed until after corn is growing normally to avoid breakage.

Agriculturally approved surfactants or sprayable fertilizers (1/2-1 gallon per acre of 28%, 30%, 32% urea ammonium nitrate or 2.5 pounds per acre spray grade ammonium sulfate*) may be added to the spray mixture to improve postemergence weed control, particularly in dry growing conditions.

Do not use adjuvants containing penetrants such as petroleum based oils after crop emergence or crop injury may result.

Corn may be harvested or grazed for feed once the crop has reached the ensilage (milk) stage or later in maturity.

Several synthetic pyrethroid insecticides are labeled for tankmix applications with DICAMBA AG. Refer to their label for specific recommendations.

*** Not for use in California**

WEEDS CONTROLLED

DICAMBA AG will control many ANNUAL broadleaf weeds or give growth suppression of many PERENNIAL broadleaf weeds commonly found in corn. (Refer to the GENERAL WEED LIST on this label).

For best performance, make application when weeds have emerged and are actively growing.

Preemergence control of cocklebur, velvetleaf, and jimsonweed may be reduced if conditions such as low temperature or lack of soil moisture cause delayed or deep germination of weeds.

PREPLANT/PREEMERGENCE IN NO-TILLAGE CORN

Applications of DICAMBA AG may be made before, during, or after planting to emerged and actively growing broadleaf weeds. Apply DICAMBA AG at 1 pint per treated acre on medium or fine textured soils containing 2% or greater organic matter. Use 1/2 pint per treated acre on coarse textured soils (sand, sandy loam, and loamy sand) or medium and fine textured soils with less than 2% organic matter.

When planting into a legume sod (e.g., alfalfa or clover), apply DICAMBA AG after 4-6 inches of regrowth has occurred.

PREEMERGENCE IN CONVENTIONAL OR REDUCED TILLAGE CORN

DICAMBA AG may be applied after planting and prior to corn emergence. Application at 1 pint per treated acre may be made to medium or fine textured soils which contain 2% or greater organic matter. DO NOT apply to coarse textured soils (sand, sandy loam and loamy sand) until after crop emergence (see Early Postemergence uses below).

Preemergence application of DICAMBA AG does not require mechanical incorporation to become active. A shallow mechanical incorporation is recommended if application is not followed by adequate rainfall or sprinkler irrigation. Avoid tillage equipment (e.g., drags, harrows) which concentrate treated soil over seed furrow.

EARLY POSTEMERGENCE (ALL TILLAGE SYSTEMS)

Spike through 8 inch tall corn

DICAMBA AG at 1 pint per treated acre may be applied during the period from corn emergence through the five leaf stage or 8 inches tall, whichever comes first. Reduce the rate to 1/2 pint per treated acre if corn is growing on coarse textured soils (sand, sandy loam, loamy sand). See Late Postemergence applications given below if the 6th true leaf is emerging from whorl or corn is greater than 8 inches tall.

LATE POSTEMERGENCE (ALL TILLAGE SYSTEMS)

8 to 36 inch tall corn

Application of DICAMBA AG at 1/2 pint per treated acre may be made from 8 to 36 inch tall corn or 15 days before tassel emergence, whichever comes first. For best performance, make applications when weeds are less than 3 inches tall.

Make directed spray application when: (1) corn leaves prevent proper spray coverage; (2) sensitive crops are growing nearby; (3) tank mixing with 2,4-D.

DO NOT apply DICAMBA AG when soybeans are growing nearby if any of these conditions exist:

- corn is more than 24 inches tall
- soybeans are more than 10 inches tall
- soybeans have begun to bloom

OVERLAY (SEQUENTIAL) TREATMENTS

DICAMBA AG may be applied to ground previously treated with one or more of the following herbicides:

<p>Acetochlor (Surpass[®], Harness[®] Plus) Alachlor (Lasso[®], Lasso MT[®], Partner[®]) Atrazine Bicep[®] Broadstrike[®] + Dual[®] Broadstrike[®] plus Bronco[®] Bullet[®] Butylate (Sutan[®] +/Genate[®]) Clarity[®] Cyanazine (Bladex[®]) Dimethenamid (Frontier[®]) EPTC (Eradicane[®])</p>	<p>Extrazine II[®] Guardsman[®] Glyphosate (Roundup[®]) Halosulfuron (Battalion[®], Permit[®]) Lariat[®] Marksman[®] Metolachlor (Dual[®]) Paraquat (Gramoxone[®]) Pendimethalin (Prowl[®]) Propachlor (Ramrod[®]) Simazine (Princep[®]) Surpass[®] 100</p>
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Apply DICAMBA AG at 1/2 pint per treated acre to ground previously treated with full rates of Clarity[®] or Marksman[®] herbicides. Allow at least 2 weeks between applications.

READ AND FOLLOW LABEL DIRECTIONS FOR EACH OF THE ABOVE PRODUCTS.

TANK MIX TREATMENTS FOR CORN

DICAMBA AG may be tank mixed with one or more of, but not limited to, the following herbicides for control of grasses or additional broadleaf weeds. **Read and follow the label of each tank mix product used for precautionary statements, directions for use, rates and timings, and other restrictions.**

RATINGS AND TIMINGS

ORACLE PLUS	PREPLANT/PRE-EMERGENT (NO TILLAGE CORN) DIRECTIONS	PREEMERGENT (CONVENTIONAL OR REDUCED TILLAGE CORN)	EARLY POST-EMERGENT (ALL TILLAGE SYSTEMS)	LATE POST-EMERGENT (ALL TILLAGE SYSTEMS)	ADDITIONAL DIRECTIONS
ACCENT® Nicosulfuron	-	-	½-1 ounce a.i./A	1/2-1 ounce ai/A (to improve spray coverage of weeds and reduce risk of corn injury, use drop pipes to direct spray beneath corn leaves when corn is greater than 8 inches tall.)	Application may be made to emerged weeds before corn is greater than 24 inches tall. Use non-ionic surfactant at .25% (V/V) with this tank mixture.
Atrazine	1 ¼-2 lbs. a.i./A	1 ¼-2 lbs. a.i./A	1 1/4-2 lbs. ai/A Crop oil concentrates may be used with this mixture if corn is 5 inches or less in height.	1 1/4-2 lbs. ai/A Do not apply if corn is greater than 12 inches tall.	Additional Directions Application may be made before grasses are 1 ½" tall. Follow all state and Federal restrictions pertaining to atrazine applications.
BEACON® Primisulfuron	-	-	0.31-0.62 ounce ai/A	0.31-0.62 ounce ai/A (to improve spray coverage of weeds and reduce risk of corn injury, use drop pipes to direct spray beneath corn leaves when corn is greater than 8 inches tall).	Application may be made to emerged weeds when corn is 4 to 24 inches tall. Use non-ionic surfactant at .25% (V/V) with this tank mixture.
BLADEX® Cyanazine	1 ¼-4 lbs. a.i./A	1 ¼-4 lbs. a.i./A	1 1/4-2 lbs. ai/A (use the 90 DF formulation only, after corn emergence.)	-	Application may be made before grasses are 1 1/2 inches tall, and before corn is beyond the 4 leaf stage.
DUAL®	1 ½-3 lbs. a.i./A	1 1/2-3 lbs. ai/A	1 ½-3	-	Application may be

Metolachlor		(use only on fine or medium soils with 2 1/2% or greater organic matter.)	lbs.a.i./A		made before grasses reach the 2 leaf stage and before corn is greater than 3 inches tall.
FRONTIER® Dimethenamid	13-25 fl. oz/A	13-25 fl.oz/A (use only on fine or medium textured soils with 2.5% or greater organic matter.)	13-25 fl. oz./A	-	Application may be made up to 8 inch tall corn.This treatment must be combined with a herbicide that provides postemergence control of grass weeds if they are greater than 1 inch tall at the time of application.
GRAMOXONE® Paraquat	¼-1 lb.a.i./A	¼-1 lb. a.i./A	-	-	Application may be made to emerged weeds but prior to corn emergence.
HARNESS® PLUS OR SURPASS® Acetochlor	1 ½-3 lbs. a.i./A	1 1/2-3 lbs.ai/A Use only on fine or medium textured soils with 2.5% or greater organic matter.	-	-	Application may be made to emerged weeds but prior to corn emergence.
LASO® Alachlor	1 ½-4 lbs. a.i./A	1 1/2-4 lbs.ai/A (use only on fine textured soils with greater than 2 1/2% organic matter).	1 ½-4 lbs. a.i./A	-	Application may be made before grasses reach the 2 leaf stage and before corn is greater than 3 inches tall.If microencapsulated forms of alachlor are used (Lasso MT, Partner), applications must be made prior to grass emergence.
PRINCEP® Simazine	2.0-3.0 lbs. a.i./A	2.0-3.0 lbs. a.i./A	-	-	Application may be made prior to corn or weed emergence
Prowl® Pendimethalin	-	¾-1 ½ lbs. a.i./A (use only on fine or medium textured soils with 2 ½% or greater organic matter.)	¾-1 ½ lbs. a.i./A	-	Application may be made immediately after planting but prior to weed emergence. Corn should not be beyond the 12 leaf stage of growth.
ROUNDUP® Glyphosate	1.0-3.0 lbs. a.i./A	1.0-3.0 lbs. a.i./A	-	-	Application may be made to emerged weeds but prior to corn emergence.
2,4-D	¼-1/2 lbs. a.i./A	¼-1/2 lbs. a.i./A	Not recommended	1/8 lbs. a.i./A	Drop pipes are to be used when corn height is 8 inches or greater.Keeping

					the spray off the corn leaves and out of the whorl will reduce the likelihood of crop injury and improve spray coverage of the weed foliage.
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SORGHUM (Milo)

Observe all PRECAUTIONS on this label, including the reference to crops growing under stress.

Read and follow mixing and application instructions on this label.

Applications of DICAMBA AG to sorghum during periods of rapid growth may result in temporary leaning of plants or rolling of leaves. These effects are usually outgrown within 10 to 14 days.

Do not graze or feed treated sorghum forage or silage prior to mature grain stage. If sorghum is grown for pasture or hay, refer to the pasture use section of this label. Do not apply DICAMBA AG to sorghum grown for seed production.

Make no more than one application per growing season.

WEEDS CONTROLLED

DICAMBA AG when applied at the recommended rate for sorghum, will control many actively growing ANNUAL broadleaf weeds and will reduce competition from established PERENNIAL broadleaf weeds as well as control their seedlings. (Refer to GENERAL WEED LIST).

RATES AND TIMINGS

DICAMBA AG may be applied to emerged and actively growing weeds at least 15 days prior to planting. Postemergence application of DICAMBA AG must be made after sorghum is in the spike stage (all sorghum emerged) but before sorghum is 15 inches tall. For best performance, make applications when sorghum is in the 3-5 leaf stage and weeds are small (less than 3 inches tall). Use drop pipes (drop nozzles) if sorghum is taller than 8 inches. Keeping the spray off the sorghum leaves and out of the whorl will reduce the likelihood of crop injury and improve spray coverage of weed foliage.

BROADCAST RATE PER TREATED ACRE:

1/2 pint (1/4 lb.a.i.)

TANK MIX TREATMENT

DICAMBA AG plus Atrazine

For improved control of emerged, actively growing broadleaf weeds including triazine resistant species and added suppression of perennial broadleaf weeds, tank mix 1/2 pint DICAMBA AG with 0.5 to 1.25 lbs.a.i. atrazine per treated acre. For control of grasses (less than 1.5 inches tall), tank mix 1/2 pint DICAMBA AG with 2 lbs.a.i. atrazine per treated acre. For best performance and minimal crop injury, make application when sorghum is 3-8 inches tall and when broadleaf weeds are small (less than 6 inches tall).

Application of atrazine must be made before sorghum is beyond 12 inches tall. The atrazine rate will depend upon soil texture and length of residual weed control desired. Follow all State and Federal restrictions pertaining to atrazine applications.

DICAMBA AG plus Buctril®

For improved control of broadleaf weeds, tank mix 1/2 pint DICAMBA AG with 1-1 1/2 pint Buctril Herbicide per treated acre. Make application at 4 leaf to 15 inch tall sorghum. Use drop nozzles to direct spray beneath sorghum leaves when sorghum is greater than 8 inches tall.

READ AND FOLLOW THE LABEL OF EACH TANK MIX PRODUCT USED FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES AND TIMINGS AND OTHER RESTRICTIONS.

OVERLAY (SEQUENTIAL) TREATMENTS

DICAMBA AG may be applied to ground previously treated with one or more of the following herbicides:

Herbicide	Maximum rate per treated acre (lbs. a.i.)
Alachlor (Lasso®) (Screen®-treated seed)	4
Atrazine ¹	2.5
Metolachlor (Dual®) (Concep®-treated seed)	2.5
Propachlor (Ramrod®)	5

¹Maximum use rate for atrazine is determined by soil type, tillage practices used, surface residue, and state or local restrictions. Follow the more restrictive requirements when determining the maximum use rate for atrazine.

PREHARVEST USES

For Use Only in the States of Texas and Oklahoma

DICAMBA AG may be applied for weed suppression any time after the sorghum has reached the soft dough stage. An agriculturally approved surfactant may be used to improve performance. For aerial applications use at least 2 gallons of water-based carrier per treated acre.

Delay harvest until 30 days after treatment.

BROADCAST RATE PER TREATED ACRE: 1/2 pint (1/4 lbs.a.i.)

SMALL GRAINS (WHEAT, BARLEY, OATS) Not underseeded to Legumes

Important

Observe all PRECAUTIONS on this label. Read and follow CLEANING, MIXING and APPLICATION instructions on this label.

If small grains are used for pasture hay, the following restrictions apply:

- Animals cannot be removed from treated area for slaughter prior to 30 days after last application.
- There is no waiting period between treatment and grazing for non-lactating dairy animals.
- Treated areas may not be grazed by lactating dairy animals before 7 days after treatment.
- Do not harvest hay from treated areas before 37 days after treatment.

NOTE: Observe all precautions and restrictions on the labels of products used in tank mix treatments.

WEEDS CONTROLLED

DICAMBA AG or combinations with listed tank mix partners, will provide control or suppression of annual broadleaf weeds listed below. For improved control of listed weeds, it is recommended that DICAMBA AG be applied in a tank mix with other herbicides. Refer to specific crop tank mix options.

Alkanet ¹	Knawel (German Moss)	Pigweed, Rough
Bedstraw, Catchweed ¹	Knotweed, Prostrate	Pigweed, Tumble
Bindweed, Field ²	Kochia	Pineappleweed ¹
Buckwheat, Tartary	Ladysthumb	Plantain, Broadleaf ²
Buckwheat, Wild	Lambsquarters, Common	Poppy, Red Horned ¹
Carpetweed ¹	Lettuce, Miners ¹	Puncturevine ¹
Chamomile, Corn	Lettuce, Prickly	Purslane, Common ¹
Chervil, Bur ¹	Mallow, Common	Radish, Wild ¹
Chickweed, Common ¹	Mayweed, Chamomile	Ragweed, Common ¹
Cockle, Corn	(Dogfennel) ¹	Ragweed, Giant
Cockle, Cow	Mustard, Blue (Purple) ¹	(Buffaloweed) ¹
Cocklebur, Common	Mustard, Tansy	Rocket, London ¹
Cornflower (Bachelorbutton) ¹	Mustard Treacle ¹	Rocket, Yellow ¹
Dandelion, Common ²	Mustard, Tumble (Jim Hill) ¹	Salsify (Goatsbeard) ¹
Dock, Curly ²	Mustard, Wild ¹	Sheperdspurse ¹
Dragonhead, American ¹	Nightshade, Black	Smartweed, Green
Evening Primrose, Cutleaf ¹	Nightshade, Cutleaf ¹	Smartweed, Pennsylvania
Falseflax, Smallseeded ¹	Nightshade, Silverleaf ²	Sorrel, Red (Sheep Sorrel) ¹
Fiddleneck (Tarweed) ¹	(White Horsenettle)	Sowthistle, Annual
Flixweed ¹	Pennycress, Field (Fanweed,	Starthistle, Yellow ¹
Fumitory ¹	Frenchweed, Stinkweed)	Sunflower, Common (Wild)
Gromwell, Corn ¹	Pepperweed, Peppergrass ¹	Thistle, Canada ²
Groundsel, Common ¹	Pigweed, Redroot	Thistle, Russian
Hempnettle ¹	(Carelessweed)	Yarrow, Common ²
Henbit		Velvetleaf
Jacobs Ladder ¹		Vetch ¹

¹These weeds will be controlled with DICAMBA AG tank mixtures. Refer to tank mix label for specific weeds controlled.

²DICAMBA AG tank mixes will provide suppression of established broadleaf weeds and control of their seedlings.

RATES AND TIMINGS

Application of DICAMBA AG may be made before, during or after planting small grains. For best performance, make applications when weeds are in the 2-3 leaf stage and rosettes are less than 2 inches across. Application of DICAMBA AG to small grains during periods of rapid growth may result in crop leaning. This condition is temporary and will not reduce crop yields.

Use DICAMBA AG at 2 to 4 fluid ounces per treated acre in wheat, fall seeded barley, and oats, and at 2 to 3 fluid ounces per treated acre in spring seeded barley. Use the higher level of listed rate ranges when treating difficult to control weeds such as kochia, Russian thistle and prickly lettuce or dense vegetative growth.

DICAMBA AG used in a tank mix with other herbicides offers the best spectrum of weed control and herbicide tolerant or resistant weed management. Refer to specific crop for DICAMBA AG rate and application timing.

For applications prior to the emergence of weeds or when sulfonylurea resistant weeds are present or suspected, use a minimum of 3 fluid ounces per treated acre of DICAMBA AG with a tank mix herbicide. Non-sulfonylurea herbicides such as 2,4-D or MCPA tank mixed with

DICAMBA AG will offer more consistent control of sulfonylurea resistant weeds.

When tank mixing with sulfonylurea herbicides, such as Ally, Amber, Express, Finesse, Glean and Harmony Extra, use an agriculturally approved surfactant of at least 80% active ingredient at the rate of 1-4 pints/100 gallons of spray or not more than 0.25-0.5% by volume. Use the highest rate of surfactant when using the lower rate ranges of the tank mix and/or when treating more mature and difficult to control weeds or dense vegetative growth.

FALL AND SPRING SEEDED WHEAT

DICAMBA AG MUST BE APPLIED TO FALL SEEDED WHEAT PRIOR TO THE JOINTING STAGE. APPLICATIONS TO SPRING SEEDED WHEAT MUST BE MADE BEFORE WHEAT EXCEEDS THE 5 LEAF STAGE. Early developing wheat varieties such as TAM 107, MADISON, or WAKEFIELD must receive application between early tillering and the jointing stage. Care should be taken in staging these varieties to be certain that the application occurs prior to the jointing stage.

TANK MIX TREATMENTS

DICAMBA AG may be tank mixed with one or more, but not limited to, the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled and geographic and other restrictions.

BROADCAST RATE PER TREATED ACRE: Apply 2-4 fluid ounces of DICAMBA AG with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
2,4-D Amine or Ester	2,4-D	4 lb/gal	8-12 fl. oz. (.25-.375 lb. a.i./A) ¹
MCPA Amine or Ester	MCPA	4 lb/gal	8-12 fl oz. (.25-.375 lb ai/A) ¹
Ally [®]	Metsulfuron-methyl	60% DF	1/10 oz.
Amber [®]	Triasulfuron	75% DF	0.28 oz.
Express [®]	Thifensulfuron+Tribenuron-methyl	75% DF	1/6 oz.
Finesse [®]	Chlorsulfuron+Metsulfuron-methyl	75% DF	1/3 oz.
Glean [®]	Chlorsulfuron	75% DF	1/6 oz.
Harmony [®] Extra	Thifensulfuron+Tribenuron-methyl	75%DF	1/3 oz.
Buctril [®]	Bromoxynil ²	2 lb/gal	1-1.5 pts.
Bronate [®]	Bromoxynil+MCPA	4 lb/gal	1-2 pts.
Curtail [®]	Clopyralid+2,4-D	2.38 lb/gal	2-2 2/3 pts.
Stinger [®]	Clopyralid	3 lb/gal	1/4-1/3 pt.
Karmex [®] 3	Diuron ²	80% DF	1/2-1.5 lbs
Sencor [®] 3	Metribuzin ²	75% DF	1-10 oz.
Dakota [®] 4	Fenoxaprop-ethyl+MCPA	3.1 lb/gal	16 oz.
Tiller [®] 4	Fenoxaprop-ethyl+MCPA+2,4-D	2.7 lb/gal	1-1.7 pts.

¹ When using formulations other than 4 lb/gal use pounds active/acre listed.

² Herbicides with the same active ingredient and/or different formulation may be used.

³ Tank mixtures for fall seeded wheat only.

⁴ Use 2 fluid ounces of DICAMBA AG only. Do not use if wild oats is the target weed. Do not use on Durum wheat.

SPECIAL USE TANK MIXES FOR SPRING AND FALL SEEDED WHEAT (See Footnotes for Applicable Uses)

Apply 3-4¹ fluid ounces of DICAMBA AG with:

Product ²	Active Ingredient	Formulation	Amount of Product Per Acre
2,4-D or MCPA Amine	2,4-D or MCPA	4 lb/gal	1-2 pts. ³ (0.5-1.0 lb ai/A) ⁴
2,4-D or MCPA Ester	2,4-D or MCPA	4 lb/gal	1-1.5 pts. ³ (.5-.75 lb ai/A) ⁴
Ally [®]	Metsulfuron-methyl	60% DF	1/20-1/10 oz.
Amber [®]	Triasulfuron	75% DF	0.14-0.28 oz.
Express [®]	Thifensulfuron+Tribenuron-methyl	75% DF	1/12-1/6 oz.
Finesse [®]	Chlorsulfuron + Metsulfuron-methyl	75% DF	1/6-1/3 oz
Glean [®]	Chlorsulfuron	75% DF	1/6 oz.
Harmony [®] Extra	Thifensulfuron + Tribenuron-methyl	75% DF	1/6-1/3 oz
Ally [®] + 2,4-D Amine or Ester ⁵	Metsulfuron-methyl+2,4-D	60% DF + 4 lb/gal	1/20-1/10 oz + 8 fl. oz.
Amber [®] + 2,4-D Amine or Ester ⁵	Triasulfuron + 2,4-D	75% DF + 4 lb/gal	0.14-0.28 oz + 8 fl oz.
Express [®] + 2,4-D Amine or Ester ⁵	(Thifensulfuron + Tribenuron-methyl) + 2,4-D	75% DF + 4 lb/gal	1/12-1/6 oz + 8 fl oz.
Finesse [®] + 2,4-D Amine or Ester ⁵	(Chlorsulfuron + Metsulfuron-methyl) + 2,4-D	75% DF + 4 lb/gal	1/6-1/3 oz + 8 fl oz.
Glean [®] + 2,4-D or Ester ⁵	Chlorsulfuron + 2,4-D	75% DF + 4 lb/gal	1/6 oz + 8 fl oz.
Harmony [®] Extra + 2,4-D Amine or Ester ⁵	(Thifensulfuron + Tribenuron-methyl) + 2,4-D	75% DF + 4 lb/gal	1/6-1/3 + 8 fl. oz.
Roundup [®] RT ⁶	Glyphosate	3.0 lb/gal	12-16 fl oz.

¹ DICAMBA AG may be used at 6 fluid ounces on fall seeded wheat in Western Oregon as a spring application only. In CO, KS, NM, OK and TX up to 8 fluid ounces of DICAMBA AG may be applied on fall seeded wheat after it exceeds the 3 leaf stage for suppression of perennial weeds, such as field bindweed. Applications may be made in the fall following a frost but before a killing freeze. DICAMBA AG may be tank mixed with 2,4-D amine at 8 fluid ounces after wheat begins to tiller. Periods of extended stress such as cold and wet weather may enhance the possibility of crop injury. For fall applications only, do not use if the potential for crop injury is not acceptable.

² Do not use low rates of sulfonylurea herbicides, such as Ally[®], Amber[®], Express[®], Finesse[®], Glean[®], and Harmony[®] Extra on more mature weeds and/or on dense vegetative growth.

³ NOTE: For use on Fall Seeded Wheat Only. Do Not Use unless potential crop injury will be acceptable.

⁴ When using formulations other than 4 lb/gal use pounds active/acre listed.

⁵ Use for improved control of Russian thistle, flixweed, gromwell, mayweed and fiddleneck.

⁶ DICAMBA AG may be applied at 2 fluid ounces with Roundup[®] RT as a preplant application to small grains with no waiting period prior to planting. Add 0.5% by volume of an agriculturally

approved non-ionic surfactant.

FALL SEEDED BARLEY

DICAMBA AG MUST BE APPLIED TO FALL SEEDED BARLEY PRIOR TO THE JOINTING STAGE.

NOTE: For spring barley varieties that are seeded during the winter months or later, follow the rates and timings given for spring seeded barley.

TANK MIX TREATMENTS

DICAMBA AG may be tank mixed with one or more, but not limited to, the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled and geographic and other restrictions.

BROADCAST RATE PER TREATED ACRE:

Apply 2-4 fluid ounces DICAMBA AG with:

Product ¹	Active Ingredient	Formulation	Amount of Product Per Acre
2,4-D Amine or Ester	2,4-D	4 lb/gal	8 fl oz.(0.25 lb ai/A) ²
MCPA Amine or Ester	MCPA	4 lb/gal	8-12 fl oz.(0.25-0.375 lb ai/A)
Ally [®]	Metsulfuron-methyl	60% DF	1/20 -1/10 oz.
Amber [®]	Triasulfuron	75% DF	0.14 - 0.28 oz.
Express [®]	Thifensulfuron + Tribenuron-methyl	75% DF	1/12 -1/6 oz.
Finesse [®]	Chlorsulfuron + Metsulfuron-methyl	75% DF	1/6 - 1/3 oz.
Glean [®]	Chlorsulfuron	75% DF	1/6 oz.
Harmony [®] Extra	Thifensulfuron + Tribenuron-methyl	75% DF	1/6 -1/3 oz.
Sencor [®]	Metribuzin ³	75% DF	1-10 oz.
Buctril [®]	Bromoxynil ²	2 lb/gal	1-1 1/2 pts.
Bronate [®]	Bromoxynil + MCPA	4 lb/gal	3/4-1 1/2 pts.

¹ Do not use low rates of sulfonylureas (Ally[®], Amber[®], Express[®], Finesse[®], Glean, and Harmony[®] Extra) on more mature weeds and/or on dense vegetative growth.

² When using formulations other than 4 lb/gal use pounds active/acre listed.

³ Herbicides with the same active ingredient and/or different formulations may be used.

SPRING SEEDED BARLEY

DICAMBA AG MUST BE APPLIED BEFORE SPRING SEEDED BARLEY EXCEEDS THE 4-LEAF STAGE.

TANK MIX TREATMENTS

DICAMBA AG may be tank mixed with one or more of, but not limited to, the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled and geographic and other restrictions.

BROADCAST RATE PER TREATED ACRE:

Apply 2-3 fluid ounces DICAMBA AG with:

Product ¹	Active Ingredient	Formulation	Amount of Product Per Acre
MCPA Amine or Ester	MCPA	4 lb/gal	8-12 fl. oz. (0.25-0.375 lb ai/A) ²
Ally [®]	Metsulfuron-methyl	60% DF	1/20 -1/10oz
Amber [®]	Triasulfuron	75% DF	0.14 - 0.28 oz.
Express [®]	Thifensulfuron +	75% DF	1/12 -1/6 oz.

	Tribenuron-methyl		
Finesse [®]	Chlorsulfuron + Metsulfuron-methyl	75% DF	1/6 - 1/3 oz.
Glean [®]	Chlorsulfuron	75% DF	1/6 oz.
Harmony [®] Extra	Thifensulfuron + Tribenuron-methyl	75% DF	1/6 - 1/3 oz.
Sencor [®]	Metribuzin ³	75% DF	1-10 oz.
Buctril [®]	Bromoxynil ²	2 lb/gal	1-1 1/2 pts
Bronate [®]	Bromoxynil + MCPA	4 lb/gal	3/4-1 1/2 pts.

¹ Do not use low rates of sulfonylureas (Ally[®], Amber[®], Express[®], Finesse[®], Glean[®], and Harmony[®] Extra) on more mature weeds and/or on dense vegetative growth.

² When using formulations other than 4 lb/gal use pounds active/acre listed.

³ Herbicides with the same active ingredient and/or different formulations may be used.

FALL AND SPRING SEEDED OATS

DICAMBA AG MUST BE APPLIED BEFORE SPRING SEEDED OATS EXCEED THE 5 LEAF STAGE. APPLICATIONS TO FALL SEEDED OATS MUST BE MADE PRIOR TO THE JOINTING STAGE.

TANK MIX TREATMENTS

DICAMBA AG may be tank mixed with one or more of, but not limited to, the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled and geographic and other restrictions.

BROADCAST RATE PER TREATED ACRE:

Apply 2-4 fluid ounces DICAMBA AG with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
MCPA Amine or Ester	MCPA	4 lb/gal	8 fl oz.(0.25-0.375 lb ai/A) ¹

¹ When using formulations other than 4 lb/gal use pounds active/acre listed.

SUGARCANE

Observe all PRECAUTIONS on this label. Read and follow MIXING AND APPLICATION instructions on this label.

Consult your local or state authorities for possible application restrictions, especially concerning aerial applications and advice concerning special local use situations.

WEEDS CONTROLLED

DICAMBA AG when applied at recommended rates, will control many ANNUAL, BIENNIAL and PERENNIAL broadleaf weeds commonly found in sugarcane. (Refer to GENERAL WEED LIST on this label.)

RATES AND TIMINGS

Application of DICAMBA AG may be made any time after weeds have emerged and are actively growing but before the close-in stage of sugarcane. Application rates and timings of DICAMBA AG are given below. Use the higher level of listed rate ranges when treating dense vegetative growth.

Weed Stage and Type	Amount Product	Broadcast Rate Per Treated Acre lbs.a.i.
Annual Small, actively growing	1/2-1 pt	1/4 - 1/2
Established weed growth	1-1 1/2 pts	1/2 - 3/4
Biennial	1-2 pts	1/2 - 1
Perennial	2-4 pts	1 - 2*

* Application made over the top of actively growing sugarcane may result in crop injury.

When possible, direct the spray beneath the sugarcane canopy in order to minimize the likelihood of crop injury. The use of directed sprays will also aid in maximizing spray coverage of weed foliage.

Retreatments may be made as needed, however, do not exceed a total of 4 pints (2 lbs.a.i.) of DICAMBA AG per treated acre during a growing season.

TANK MIX TREATMENTS

DICAMBA AG may be tank mixed with one or more of, but not limited to, the following herbicides for control of grasses or additional broadleaf weeds. Read and follow the label of each tank mix product used for precautionary statements, directions for use, rates and timings, weeds controlled, geographic and other restrictions.

Herbicide	Rates per Treated Acre (lbs. a.i.)
Ametryn (Evik [®])	2/5 - 8
Asulam (Asulox [®])	2 - 3 1/3
Atrazine	2/5 - 4
2,4-D	1/2 - 3*

* Application of DICAMBA AG plus 2,4-D tank mix at the higher listed rate range may result in crop injury.

PASTURE, HAY, RANGELAND AND GENERAL FARMSTEAD (Non-Cropland), RIGHTS-OF-WAY, AND PUBLIC UTILITY AND INDUSTRIAL AREAS

DICAMBA AG is recommended for use on pasture, hay, rangeland, general farmstead (non-cropland) (including fence rows and non-irrigation ditchbanks) for broadleaf weed and brush control, and for use on non-cropland areas such as rights-of-way (such as roadways, rest areas, utility, railroad, highway, pipeline, and rights-of-way that run through pasture and rangeland); public utility facilities (such as substations, pipelines, tankfarms, pumping stations, parking and storage areas, fencerows and nonirrigated ditchbanks); brush control for forest site preparation or maintenance. DICAMBA AG may also be applied to non-cropland areas for the control of broadleaf weeds in Noxious Weed Control Programs, Districts or Areas including broadcast or spot treatment of roadsides and highways, utilities, railroad and pipeline rights-of-way. Noxious weeds must be recognized at the State level but programs may be administered at State, County or other levels.

Observe all PRECAUTIONS on this label. Read and follow MIXING AND APPLICATION instructions.

GENERAL FARMSTEAD

DICAMBA AG uses described in this section also pertain to small grains (such as barley, forage, sorghum, oats, rye, sudangrass or wheat) grown for pasture use only.

NEWLY SEEDED AREAS, including small grains grown for pasture may be severely injured if rates of DICAMBA AG greater than 1 pint/acre are applied.

ESTABLISHED GRASS CROPS growing under stress can exhibit various injury symptoms that may be more pronounced if herbicides are applied. Furthermore, rates of DICAMBA AG in excess of 2 quarts (2 lbs.a.i.) per treated acre may cause temporary injury to many grass species.

Bentgrass, carpetgrass, buffalograss and St. Augustine grass may be injured at rates exceeding 1 pint DICAMBA AG (1/2 lb.a.i.) per treated acre. Usually colonial bentgrasses are more tolerant than creeping types. Velvetgrasses are most easily injured. Treatments will kill alfalfa, clovers, lespedeza, wild winter peas, vetch and other legumes.

ANIMALS CANNOT BE REMOVED FROM TREATED AREA FOR SLAUGHTER PRIOR TO 30 DAYS AFTER LAST APPLICATION.

THERE IS NO WAITING PERIOD BETWEEN TREATMENT AND GRAZING FOR NON-LACTATING ANIMALS.

TIMING RESTRICTIONS FOR LACTATING DAIRY ANIMALS FOLLOWING TREATMENT

DICAMBA AG	Days Before Grazing	Days Before Hay Harvest
Up to 1 pint (1/2 lb.a.i.)	7 days	37 days
Up to 1 quart (1 lb.a.i.)	21 days	51 days
Up to 2 quarts (2 lbs.a.i.)	40 days	70 days

NOTE: Observe all precautions and restrictions on labels of products used in tank mixtures.

RIGHTS-OF-WAY

DICAMBA AG can be used to control many broadleaf weeds on rights-of-way. This use includes applications to roadside, roadway and highways; to areas along utilities such as cable and powerlines; railroad track and embankment; highways, highway medians, bridge abutments, pipelines, and rights-of-way that run through pasture and rangeland. Use controlled application techniques that minimize the risk of off-target movement.

PUBLIC UTILITY AND INDUSTRIAL AREAS

DICAMBA AG can be used to control many broadleaf weeds and brush in noncrop areas on or surrounding substations, pipelines, tankfarms, pump stations, production facilities, and bareground situations. It may also be used on parking and storage areas (refer to Best Stewardship Practices to avoid direct runoff from impervious surfaces).

MIXING AND APPLICATION

Read and observe Sensitive Crop Precautions recommendations in this label.

DICAMBA AG can be applied using water, oil in water emulsions (including invert systems), or sprayable fluid fertilizer as a carrier. A COMPATABILITY TEST (on this label) should be made prior to tank mixing.

To prepare oil in water emulsions, half-fill spray tank with water, then add the appropriate amount of emulsifier. With continuous agitation, slowly add the herbicide and then the oil (such as diesel oil or fuel oil) or a premix of oil plus additional emulsifier to spray tank. Complete filling of spray tank with water. Maintain vigorous agitation during spray operation to prevent oil and water from forming separate layers.

DICAMBA AG may be applied broadcast using either ground or aerial application equipment.

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When using ground equipment, apply 3 to 600 gallons of diluted spray per treated acre. Volume of spray applied will depend on the height, density, and type of weeds or brush being treated and on the type of equipment being used. When using aerial equipment apply 1 to 40 gallons of diluted spray per treated acre in a water-based carrier.

DICAMBA AG may be applied to individual clumps or small areas (SPOT TREATMENT) of undesirable vegetation using handgun or similar types of application equipment. Apply diluted sprays to allow complete wetting (up to run-off) of foliage and stems.

Herbicide adjuvants or other spray additives (emulsifiers, surfactants, wetting agents, drift control agents, or penetrants) may be used for wetting, penetration, or drift control. Spray additives must be agriculturally approved when used in pasture applications. If spray additives are used, read and follow all use recommendations and precautions on product label.

WEEDS AND BRUSH CONTROLLED

DICAMBA AG when applied at recommended rates, will give control of many ANNUAL, BIENNIAL, and PERENNIAL broadleaf weeds, and many WOODY brush and vine species commonly found in pasture, hay, rangeland, and general farmstead (non-cropland) areas. (Refer to GENERAL WEED LIST).

Noted (*) PERENNIAL weeds may be controlled with lower rates of either DICAMBA AG or DICAMBA AG plus 2,4-D. See RATES AND TIMINGS below.

RATES AND TIMINGS

Application rates and timing of DICAMBA AG are given below. Use the higher level of listed rate ranges when treating dense or tall vegetative growth.

Weed Stage & Type	Amount Product	Broadcast Rate per Treated Acre (lbs.a.i.)
Annual Small, actively growing	1/2 - 1 pt.	1/4 - 1/2
Established weed growth	1 - 1 1/2 pts.	1/2 - 3/4
Biennial ¹ Rosette diameter Less than 3 inches	1/2 - 1 pt.	1/4 - 1/2
3 inches or more	1 - 2 pts.	1/2 - 1
Bolting	2 - 3 pts.	1 - 1 1/2
Perennial Suppression or top growth control	1/2 - 1 qt.	1/2 - 1
Noted (*) Perennials	1 - 2 qts.	1 - 2
Other perennials	2 qts.	2
Woody Brush & Vines Top growth suppression	1/2 - 1 qt.	1/2 - 1
Top growth control ²	1 - 2 qts.	1 - 2
Stems and stem suppression	2 qts.	2

¹ For best performance, make application when BIENNIAL weeds are in the rosette stage.

² Species noted in GENERAL WEED LIST pages 3-4 will require tank mixtures for adequate control.

Retreatments may be made as needed; however, do not exceed a total of 2 quarts (2 lbs.a.i.) of DICAMBA AG per treated acre during a growing season.

TANK MIX TREATMENTS

DICAMBA AG may be tank mixed with one or more, but not limited to, of the following herbicides

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for control of grasses, additional broadleaf weeds, and woody brush and vines.

READ AND FOLLOW THE LABEL OF EACH TANK MIX PRODUCT USED FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES AND OTHER RESTRICTIONS.

Herbicide	Rates Per Treated Acre (lbs.a.i.)
Norflurazon (Predict [®]) Proflaminate (Endurance [®]) Glufosinate (Finale [®]) Glyphosate (Roundup [®]) Metsulfuron methyl (Ally [®]) Paraquat (Gramoxone [®]) Picloram (Tordon [®]) Triclopyr (Garlon [®]) Pendimethalin (Pendulum [®]) Clopyralid (Transline [®]) Bromacil (Hyvar [®]) Chlorsulfuron (Telar [®]) Diquat (Reward [®]) Simazine (Princep [®]) Diuron (Karmex [®]) DSMA Fosamine Ammonium (Krenite [®]) Hexazinone (Velpar [®]) Imazapyr (Arsenal [®]) Imazemeth (Plateau [®]) MSMA Sulfometuron Methyl (Oust [®]) Sulfosate (Touchdown [®]) Tebuthiuron (Spike [®])	Consult product labels for rate recommendations
2,4-D	1/4 to 6

Due to the variations that may occur on formulated products and specific use ingredients (e.g. water supplies), a COMPATIBILITY TEST as described on this label is recommended prior to actual tank mixing.

CUT SURFACE TREE TREATMENTS

DICAMBA AG may be applied as a cut surface treatment for control of unwanted trees and prevention of sprouts of cut trees. A mix of 1 part DICAMBA AG with 1 to 3 parts water should be used in application. Use the lower dilution when treating difficult-to-control species.

FRILL OR GIRDLE TREATMENTS: Make a continuous cut or a series of overlapping cuts using an ax to girdle tree trunk. Spray or paint cut surface with the DICAMBA AG/water mix.

STUMP TREATMENTS: Spray or paint freshly cut surface with the water mix. The area adjacent to the bark should be thoroughly wet.

NOTE: For more rapid foliar effects, 2,4-D may be added to the DICAMBA AG /water mix.

DORMANT APPLICATIONS FOR CONTROL OF MULTIFLORA ROSE

DICAMBA AG can be applied when plants are dormant as an undiluted SPOT-CONCENTRATE directly to the soil or as a LO-OIL BASAL BARK treatment using an oil-water emulsion solution.

SPOT-CONCENTRATE applications of DICAMBA AG should be applied directly to the soil as close as possible to the root crown but within 6-8 inches of the crown. On sloping terrain, application should be made to the uphill side of the crown. Do not make application when snow or water prevents applying DICAMBA AG directly to the soil. The use rate of DICAMBA AG is dependent on the canopy diameter of the multiflora rose. Examples: Use DICAMBA AG at 1/4, 1 or 2 1/4 fluid ounces of product respectively, for 5, 10, or 15 feet canopy diameters. Do not exceed a total of 2 qts. DICAMBA AG per acre per year.

LO-OIL BASAL BARK applications of DICAMBA AG should be applied to the basal stem region from the ground up to a height of 12-18 inches. Spray until runoff, with special emphasis on covering the root crown. For best results, make application when plants are dormant. Do not make application after bud break or when plants are showing signs of active growth. Do not make application when snow or water prevents applying DICAMBA AG to the ground line. Refer to **Mixing and Applications** above in this section for method of preparing oil-in-water emulsion. Example for making approximately 2 gallons of a Lo-Oil spray solution mixture: combine 1 1/2 gallons water plus 1 ounce emulsifier plus 1 pint DICAMBA AG plus 2 1/2 pints of No.2 diesel fuel. Adjust amounts of materials used proportionately to the amount of final spray solution desired. Do not exceed 8 gallons of spray solution mix applied per acre per year.

FOREST SITE PREPARATION

GENERAL INFORMATION

DICAMBA AG may be used for control of undesirable conifers as well as many broadleaf weeds, vines, brambles, hardwood brush, and trees in forest site preparation. DICAMBA AG may be applied as broadcast foliar sprays from ground or aerial equipment. DICAMBA AG is absorbed through the leaf surfaces quickly after spraying and will also be absorbed from the soil by the roots. Translocation through the leaves, stems, and roots provides control of undesirable young conifer and broadleaf species. Woody plants, brush, and trees may not display the full extent of herbicide efficacy until several months following treatment. DICAMBA AG provides application flexibility for extended windows of application and tank mix options (refer to **Mixing and Application Instructions and Tank Mix Options**).

MIXING AND APPLICATION INSTRUCTIONS

Ground Operated Spray Equipment

Thoroughly mix and apply the recommended amount of DICAMBA AG (2 qts./A maximum) in a minimum of 15 gals. of water per acre. Spray solution should uniformly cover undesirable foliage for best results. A suitable nonionic surfactant should be added to the spray solution to enhance foliage wetting, spreading, and solution absorption. Drift control and foam reducing agents may be added at recommended rates, if needed. Spray pattern indicator agents may also be added at recommended rates, if desired. DO NOT spray under windy or gusty conditions. Maintain proper buffer zones to ensure drift does not reach off-target vegetation.

Aerial Spray Equipment

Thoroughly mix the recommended amount of DICAMBA AG (2 qts./ maximum) in a minimum of 10 gals. of water per acre and uniformly apply with properly calibrated aerial equipment. A suitable nonionic surfactant should be added to the spray solution to enhance wetting, spreading, and solution absorption. All precautions should be taken to minimize or eliminate spray drift. Drift control and foam control agents may be added at recommended rates, if needed.

Tank Mix Options

For extended range of species control, tank mix DICAMBA AG with other forestsite preparation products such as Arsenal, Garlon, Accord, etc. Observe all precautions and restrictions on the product labels. Always follow the most restrictive label in a tank mix.

CONSERVATION RESERVE PROGRAM (CRP) ACRE

DICAMBA AG is recommended for use on both newly seeded and established grasses grown in Conservation Reserve or Federal Set-Aside Programs.

Observe all PRECAUTIONS, MIXING AND APPLICATION directions above.

DICAMBA AG treatment will cause injury or may kill alfalfa, clovers, lespedeza, wild winter peas, vetch, and other legumes.

Agriculturally approved surfactants may be added to the spray mixture to improve postemergence weed control, particularly in dry growing conditions.

Do not use adjuvants containing penetrants such as petroleum based oils after grass emergence on newly seeded grasses.

NEWLY SEEDED AREAS

DICAMBA AG may be applied either preplant or postemergence to newly seeded grasses or small grains such as barley, oats, rye, sudangrass, wheat, or other grain species grown as a cover crop. Postemergence applications may be made after seedling grasses exceed the 3 leaf stage. Rates of DICAMBA AG greater than 1 pint per treated acre may severely injure newly seeded grasses. Preplant applications – injury to new seedlings may occur if intervals between application and grass planting is less than 45 days per pint of DICAMBA AG per treated acre West of the Mississippi River or 20 days per pint East of the Mississippi River.

ESTABLISHED GRASS STANDS

Established grass stands are perennial grasses planted one or more seasons prior to treatment. Certain species: bentgrass, carpetgrass, smooth brome, buffalograss or St. Augustine grass may be injured when treated with DICAMBA AG at rates exceeding 1 pint per treated acre.

WEEDS CONTROLLED

DICAMBA AG when applied at recommended rates, will control many annual and biennial weeds and provide control and suppression of many perennial weeds. (Refer to GENERAL WEED LIST on this label.)

RATES AND TIMINGS

Application rates and timing of DICAMBA AG treatment are given below. Use the higher rate of the rate range when vegetation is either dense or tall, or when weeds are growing under stressed conditions such as drought or cool temperature.

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Weed Type* & Stage	Broadcast Rate Per Treated Acre	
	Amount of Formulated DICAMBA AG	Equivalent lbs.a.i.
Annuals Small actively growing Established weed growth	pints 1/4 to 1 1	1/8 to 1/2 1/2
Biennials** Rosette diameter a) less than 3 inches b) 3 inches or greater c) bolting biennial	1/2 to 1 1 to 2 2 to 3	1/4 to 1/2 1/2 to 1 1 to 1 1/2
Perennials** Suppression/Control	2 to 4	1 to 2

* For best results, treat Biennial weeds with DICAMBA AG when they are in the rosette stage of growth. Retreatments may be made as needed; however, DO NOT EXCEED A TOTAL OF 2 QUARTS (2 lbs.a.i.) of DICAMBA AG per treated acre during the growing season.

** Biennial and Perennial weeds will require follow-up (sequential) treatments for seedling control and escapes.

TANK MIX TREATMENTS

To control grasses and additional broadleaf weeds, DICAMBA AG may be tank mixed with other herbicides registered for use in Conservation Reserve Programs such as 2,4-D, glyphosate (Roundup®), paraquat (Gramoxone®), metsulfuron (Ally®) and others.

READ AND FOLLOW THE LABEL OF EACH TANK MIX PRODUCT USED FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES, AND OTHER RESTRICTIONS.

**ASPARAGUS
IMPORTANT**

Observe all PRECAUTIONS on this label. Read and follow MIXING AND APPLICATION instructions on this label.

If spray contacts emerged spears, crooking (twisting) of some spears may result. If such crooking occurs, discard affected spears.

Do not harvest prior to 24 hours after treatment.

Do not use in the Coachella Valley of California.

Multiple applications may be made per growing season. Do not exceed a total of 1 pint of DICAMBA AG per treated acre per crop year.

RATES AND TIMINGS

Apply DICAMBA AG to emerged and actively growing weeds in 40 to 60 gallons of diluted spray per treated acre immediately after cutting the field, but at least 24 hours before the next cutting.

Weeds	Rate per Treated Acre
Mustard, Black Pigweed, Redroot (Carelessweed) Sowthistle, Annual *Thistle, Canada Thistle, Russian	1/2 to 1 pt. (1/4-1/2 lb.a.i.)
*Bindweed, Field Chickweed, Common Goosefoot, Nettleleaf Radish, Wild Thistle, Milk	1 pt. (1/2 lb.a.i.)

DICAMBA AG may be applied in a tank mixture with either 2,4-D or Roundup Herbicide for improved control of noted (*) weeds. READ AND FOLLOW 2,4-D AND ROUNDUP HERBICIDE PRODUCT LABELING FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES AND TIMINGS, AND OTHER RESTRICTIONS.

TURF AND LAWNS

FOR USE IN GENERAL FARMSTEAD (Non-Cropland) AND SOD FARMS

IMPORTANT

Observe all PRECAUTIONS above. Read and follow MIXING AND APPLICATION instructions above.

To avoid injury to newly seeded grasses, application of DICAMBA AG should be delayed until after the second mowing. Furthermore, application rates in excess of 1 pint (1/2 lb.a.i.) per treated acre may cause noticeable stunting or discoloration of sensitive grass species such as bentgrass, carpetgrass, buffalograss, and St. Augustine grass.

In areas where roots of sensitive plants extend, do not apply in excess of 1/4 pint (1/8 lb.a.i.) of DICAMBA AG per treated acre on coarse textured (sandy-type) soils, or in excess of 1/2 pint (1/4 lb.a.i.) per treated acre on fine textured (clay-type) soils. Do not make repeat applications in these areas of 30 days and until previous applications of DICAMBA AG have been activated in the soil by rain or irrigation.

WEEDS CONTROLLED

DICAMBA AG when applied at recommended rates, will give control of many ANNUAL, BIENNIAL, and noted (*) PERENNIAL broadleaf weeds commonly found in turf. DICAMBA AG will also give growth suppression of many other listed PERENNIAL broadleaf weeds and WOODY brush and vine species. (Refer to GENERAL WEED LIST on this label).

MIXING AND APPLICATION

Apply 30 to 200 gallons of diluted spray per treated acre (3 qts. to 4 1/4 gals. per 1,000 sq. ft.) depending on density or height of weeds treated and on the type of equipment used.

RATES AND TIMINGS

Use the higher level of listed rate ranges when treating dense vegetative growth.

Weed Stage & Type	DICAMBA AG		
	Pints per treated acre	lbs. a.i. per treated acre	Teaspoons per 1,000 sq.ft.
Annual Small, actively growing	1/2 to 1	1/4 to 1/2	1 to 2 1/4
Established weed growth	1 to 1 1/2	1/2 to 3/4	2 1/4 to 3 1/4
Biennial Rosette diameter less than 3 inches	1/2 to 1	1/4 to 1/2	1 to 2 1/4
3 inches or more	1 to 2	1/2 to 1	2 1/4 to 4 1/2
Perennials and Woody Brush and Vines	1 to 2	1/2 to 1	2 1/4 to 4 1/2

For best performance, apply when weeds are emerged and actively growing.

Retreatments may be made as needed; however, do not exceed a total of 2 pints (1 lb.a.i.) DICAMBA AG per treated acre during the growing season.

TANK TREATMENTS

READ AND FOLLOW THE LABEL OF EACH TANK MIX PRODUCT USED FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES AND TIMINGS, AND OTHER RESTRICTIONS.

Tank mix treatments of DICAMBA AG may be made with 2,4-D, MCPA, MCPP, or bromoxynil for control of additional weeds listed on the tank mix product.

Apply 1/5 to 1/2 pint (1/10-1/4 lb.a.i.) of DICAMBA AG per treated acre with 1/2 to 1 1/2 lbs. acid equivalent of 2,4-D, MCPA, or MCPP, or with 3/8 to 1/2 lb.a.i. of bromoxynil. Use the higher level of the listed rate ranges when treating established weeds. Repeat treatments may be made as needed; however, do not exceed 2 pints (1 lb.a.i.) of DICAMBA AG per treated acre during the growing season.

GRASS SEED CROPS

GRASSES GROWN FOR SEED SUCH AS BERMUDAGRASS, BLUEGRASS, FESCUE AND RYEGRASS

IMPORTANT

Observe all PRECAUTIONS on this label. Read and follow MIXING AND APPLICATION instructions this label.

Refer to PASTURE, HAY, RANGELAND, AND GENERAL FARMSTEAD (Non-Cropland) section for possible grazing and feeding restrictions.

Do not use on bentgrass unless possible crop injury can be tolerated.

WEEDS CONTROLLED

DICAMBA AG will provide control or suppression of annual broadleaf weeds listed below. For improved control of listed weeds plus additional weeds, it is recommended that DICAMBA AG be applied in a tank mix with other herbicides.

Alfalfa ¹ Bedstraw, Catchweed Bindweed, Field Buttercup, Corn Buttercup, Creeping Buttercup, Western Field Catchfly, Nightflowering Chamomile, Corn Chickweed, Common Chickweed, Mouseear Clover Cockle, White Dock, Broadleaf Dock, Curly	Hemlock, Poison Knapweed, Russian ¹ Knawel Knotweed, Prostrate Kochia Ladysthumb Lambsquarters, Common Lettuce, Prickly Mayweed (Dogfennel) Ragwort, Tansy Sorrel, Red (Sheep Sorrel) Sowthistle, Annual Starwort, Little Thistle, Canada ¹
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¹Top growth only.

RATES AND TIMINGS

Apply ½ pint of DICAMBA AG per treated acre on SEEDLING GRASS after the crop reaches the 3-5 leaf stage. Apply up to 2 pints of DICAMBA AG on well-established Perennial grass. DO NOT APPLY AFTER THE GRASS SEED CROP BEGINS TO JOINT. For best performance, make applications when weeds are in the 2-4 leaf stage and rosettes are less than 2 inches across. Use the higher level of listed rate ranges when treating more mature weeds or dense vegetative growth.

TANK MIX TREATMENTS

For control of grasses or additional broadleaf weeds, DICAMBA AG may be tank mixed with all broadleaf herbicides registered for use in Grass Seed Production. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled, and geographic and other restrictions.

BROADCAST RATE PER TREATED ACRE:

Apply ½ to 2 pints DICAMBA AG with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
2,4-D Amine or Ester	2,4-D	4 lb/gal	1-4 pts. (.5-2.0 lb. a.i./A) ¹
MCPA Amine	MCPA	4 lb/gal	1-2 pts. (.5-1.0 lb. a.i./A) ¹
Buctril [®]	Bromoxynil ²	2 lb/gal	1-2 pts.
Curtail [®]	Clopyralid+2,4-D	2.38 lb/gal	1 ¾-4 pts.
Karmex [®]	Diuron ²	80% DF	2-4 lbs.
Stinger [®]	Clopyralid	3 lb/gal	¼-1 pt.

¹When using formulations other than 4 lb/gal use pounds active/acre listed.

²Herbicides with the same common name and/or different formulations may be.

ANNUAL GRASS CONTROL

For suppression of ANNUAL GRASS WEEDS such as:

- Brome, Downy (Cheatgrass)
- Brome, Ripgut
- Fescue, Rattail
- Windgrass

Apply up to 4 pints of DICAMBA AG per treated acre in the fall or late summer after harvest and burning of established grass seed crops. Applications should be made immediately following the first irrigation when the soil is moist and before weeds have more than 2 leaves.

**PREPLANT DIRECTIONS
(POST HARVEST/FALLOW/CROP STUBBLE/SET-A-SIDE)
FOR BROADLEAF WEED CONTROL BEFORE WHEAT, CORN, SORGHUM, SOYBEANS**

IMPORTANT

Observe all precautions. Read and follow mixing and application instructions.

WEEDS CONTROLLED

DICAMBA AG may be applied along or in tank mix combinations with other herbicides registered for this use.

DICAMBA AG can be applied either POST HARVEST in the fall, spring or summer during the FALLOW period or to CROP STUBBLE/SET-A-SIDE acres. DICAMBA AG when applied at the recommended rates, will control many ANNUAL broadleaf weeds, see the WEED CONTROLLED section under small grains. In addition, DICAMBA AG will control or suppress the following BIENNIAL and PERENNIAL broadleaf weeds:

Alfalfa ¹	Knapweed, Spotted
Artichoke, Jerusalem	Nightshade, Silver
Bindweed, Field	Redvine
Bindweed, Hedge	Smartweed, Swamp
Blueweed, Texas	Sowthistle, Perennial ¹
Bursage (Bur Ragweed, Povertyweed, Lakeweed) ¹	Spurge, Leafy
Dandelion, Common ¹	Thistle, Bull
Dock, Curly ¹	Thistle, Canada ²
Dogbane, Hemp	Thistle, Milk
Garlic, Wild ²	Thistle, Musk
Horsenettle, Carolina	Thistle, Plumeless
Knapweed, Diffuse	Thistle, Scotch
	Trumpet creeper (Buckvine)

¹Perennials may be controlled using DICAMBA AG at rates lower than those recommended for other listed perennials weeds. (See RATES AND TIMINGS under this heading).

²See the SPECIAL TANK MIX TREATMENTS section under this heading for specific control program for these weeds.

RATES AND TIMINGS

Apply DICAMBA AG as a broadcast or spot treatment to emerged and actively growing weeds after crop harvest (post harvest) and before a killing frost or in the fallow cropland or cropland or crop stubble the following spring or summer. Agriculturally approved spray additives, such as surfactants or oils, may be used to enhance spray coverage and the herbicides penetration of weed foliage. See CROPPING RESTRICTIONS for recommended interval between application

and planting to prevent crop injury.

For best performance, make application when ANNUAL weeds are less than 6 inches tall, when BIENNIAL weeds are in the rosette stage and to PERENNIAL weed regrowth in late summer or fall following a mowing or tillage treatment. Most effective control of upright PERENNIAL broadleaf weeds, such as Canada thistle and Jerusalem artichoke, occurs if application is made when the majority of weeds, such as field bindweed and hedge bindweed, are best controlled when weeds are in or beyond the full bloom stage.

Avoid disturbing treated areas following application. Treatments may not kill weeds which develop from seed or underground plant parts, such as rhizomes or bulblets, after the effective period for DICAMBA AG Food seedling control, a follow-up program or other cultural practices could be instituted. For small grain in-crop uses of DICAMBA AG see the RATES AND TIMINGS section under the SMALL GRAINS heading for details.

DICAMBA AG RATES PER TREATED ACRE:

Weed Type	Amount of Product Per Treated Acre
Annual	1/2 - 1 pts.(8 to 16 fl oz)
Biennial	1 - 2 pts.(16 to 32 fl oz)
Perennial	1 - 4 pts.(16 to 64 fl oz)
Perennial suppression	1 - 2 pts.(16 to 32 fl oz)
Noted ⁽¹⁾ perennials	2 - 4 pts.(32 to 64 fl oz)
Other perennials	4 pts.(64 fl oz)

Retreatments may be made as needed; however, do not exceed a total of 4 pints of DICAMBA AG per treated acre during any given fallow period.

TANK MIX TREATMENTS

DICAMBA AG may be tank mixed with one or more of, but not limited to, the following herbicides for control of grasses or additional broadleaf weeds. Read and follow the label of each tank mix product used for precautionary statements, directions for use, rates and timings, weeds controlled and geographic or other restrictions.

DICAMBA AG BROADCAST RATE PER TREATED ACRE FOR ANNUAL WEED CONTROL:

Apply 1/4 to 4 pints of DICAMBA AG with:

Product	Active Ingredient	Formulation	Amount of Product per acre
Aatrex [®] 4L ¹	Atrazine	4 lb./gal.	0.5 - 6 pts
Aatrex [®] Nine-O ¹	Atrazine	90% DF	0.5 - 3.3 lbs.
Amber ^{®2}	Trisulfuron	75% DF	0.28 - 0.35 oz.
Ally ^{®2}	Metsulfuron-methyl	75% DF	0.1 oz.
Bladex ^{®1}	Cyanazine	90% DF	2.7 - 3.6 lbs.
Cyclone [®]	Paraquat	2 lb/gal	1 - 2 pts.
Fallowmaster [®]	Glyphosate + Dicamba	1.6 lb/gal	22 - 44 fl.oz.
Finesse ^{®2}	Chlorsulfuron + Metsulfuron-methyl	75% DF	0.2 oz.
Gramoxone [®] Extra	Paraquat	2.5 lb/gal	1.5 pts.
Kerb ^{®1}	Pronamide	50-W	0.5 - 1.0 lb
Landmaster [®] BW	Glyphosate + 2,4-D	2.4 lb/gal	27 - 54 fl oz.
Roundup [®] or Roundup [®] RT	Glyphosate	3 lb/gal	8 - 48 fl oz
Sencor [®] DF ¹	metribuzin	75% DF	0.5 - 1 lb.
Sencor [®] 4 ¹	metribuzin	4 lb/gal	0.75 - 1 1/2 pts.
2,4-D	2,4-D	4 lb/gal	1 -2 pts. (0.5 - 1 lb ai/A) ³

¹Tank mixes of DICAMBA AG with these products may be subject to special restrictions. See the Product Label of the tank mix partner for intended use rates, restrictions and other precautions.

²When tank mixing with sulfonylurea herbicides refer to the product label for rates and restrictions. Use a surfactant of at least 80% active ingredient at the rate of 1 - 2 quarts/100 gallons of spray or not more than 0.25 - 0.5% by volume. Use the highest rate of surfactant when using the lower rate ranges of the tank mix and/or when treating more mature weeds or dense vegetative growth. Sulfonylurea resistant weeds may not be controlled by tank mixes of DICAMBA AG and a sulfonylurea. Refer to the DICAMBA AG tank mix section for alternative tank mixes.

³When using formulations other than 4 lb/gal, use pounds active/acre listed.

**DICAMBA AG BROADCAST RATE PER TREATED ACRE FOR
BIENNIAL AND PERENNIAL WEED CONTROL:**

Apply 1 to 4 pints of DICAMBA AG with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
Curtail [®]	Clopyralid + 2,4-D	2.38 lb/gal	2 - 4 pts.
2,4-D	2,4-D	4 lb/gal	2 - 6 pts. (1.0 - 3 lb a.i./A) ¹
Landmaster [®] BW	Glyphosate + 2,4-D	2.4 lb/gal	54 fl oz.
Roundup [®]	Glyphosate	3.0 lb/gal	1 - 5 qts.
Roundup [®] RT	Glyphosate	3.0 lb/gal	1 - 5 qts.
Tordon [®] 22K	Picloram	2 lb/gal	1/2 - 1 pt.

¹When using formulations other than 4 lb/gal use pounds active/acre listed.

SPECIAL TANK MIX TREATMENTS

For suppression of perennial weeds, apply 1/2 - 1 pints of DICAMBA AG with 8 to 16 fluid ounces of Roundup Herbicide or Roundup RT per treated acre.

For wild garlic control, apply 1 pint DICAMBA AG with 3 pints of 2,4-D LV Ester (4 lb/gal) per treated acre. Apply when wild garlic is 4 to 8 inches tall.

For Canada thistle control, use DICAMBA AG plus Curtail[®], or DICAMBA AG plus Roundup[®] Herbicide or Roundup[®] RT tank mix treatments.

Application may be made during fallow periods for control of volunteer barley, bulbous bluegrass, downy brome, jointed goatgrass, common rye and volunteer wheat when they are actively growing. Use 1 pint DICAMBA AG with 1/2 to 1 lb Kerb[®] 50W. Fall seeded wheat may be planted 9 months or more after application. For best performance, make application between mid-October and mid-December, prior to soil freeze up.

During fallow periods, apply DICAMBA AG plus Landmaster[®] BW or Fallowmaster[®] Herbicide to give improved control of kochia, wild buckwheat, prickly lettuce, field bindweed and Canada thistle. Use 1/8 - 1/4 pint DICAMBA AG plus 22 - 54 fluid ounces of Landmaster[®] BW or Fallowmaster[®] Herbicide for annual weed control or 1/4 - 1/2 pint ORACLE plus 22 - 54 fluid ounces of Landmaster[®] BW or Fallowmaster[®] Herbicide for perennial weed suppression.

CROPPING RESTRICTIONS

The following recommendations are based on DICAMBA AG use rates up to 4 pints per treated acre.

CORN, SORGHUM and SOYBEANS may be planted in the spring following applications made during the previous year. If less than 1 inch of rainfall occurs between application and first killing frost, treated areas should be cultivated to allow herbicide to come in contact with moist soil. Cultivation may take place before or immediately after ground thaw.

Soybean injury may occur if the interval between application and planting is less than specified. In areas with greater than 30 inches of rainfall, delay planting for 30 days per pint of DICAMBA AG per treated acre. In areas with less than 30 inches of rainfall, delay planting for 45 days per pint of DICAMBA AG per treated acre. Exclude days when ground is frozen.

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WHEAT may be planted in the fall or spring following applications. Also, spot applications may be made any time prior to crop emergence if crop injury can be tolerated in treated areas. Wheat injury may occur if the interval between application and planting is less than specified.

East of the Mississippi River, the interval is 20 days per pint of DICAMBA AG per treated acre or 1.25 days per 1 ounce. Moisture is essential for DICAMBA AG degradation. Exclude days when ground is frozen.

West of the Mississippi River, the interval is 45 days per pint of DICAMBA AG per treated acre or 3 days per ounce. Moisture is essential for DICAMBA AG degradation. Exclude days when ground is frozen.

Following a normal harvest of barley, oats, or wheat, any rotational crop may be planted. If the interval before harvest is shortened, such as when cover crops will be plowed under, do not follow up with the planting of a sensitive crop.

**CONTROL OF PERENNIAL BROADLEAF WEEDS IN CROPLAND (SPOT APPLICATION ONLY)
FOR USE ONLY IN THE STATES OF IDAHO, MONTANA, NEVADA, OREGON, UTAH, AND WASHINGTON**

IMPORTANT

Observe all PRECAUTIONS on this label. Read and follow MIXING AND APPLICATION instructions.

Do not treat subirrigated cropland or areas where the soil remains saturated with water throughout the year.

Make only one application of DICAMBA AG per year.

WEEDS CONTROLLED

DICAMBA AG when applied at recommended rates, will control many broadleaf weeds including:

Bindweed, Field
Dock, Broadleaf (Bitterdock)
Dock, Curly
Knapweed, Black
Knapweed, Russian
Ragwort, Tansy
Spurge, Leafy
Thistle, Canada

RATES AND TIMINGS

DICAMBA AG may be applied at any time following a crop harvest to stubble fallow or other cropland. Application should be made when weeds are actively growing and prior to a killing frost.

Apply 2 qts. (2 lbs. a.i.) of DICAMBA AG per treated acre. Application may be made up to one month prior to the planting of wheat.

NOTE: Do not use unless injury to wheat or rotated barley will be acceptable.

Barley, oats, corn, sorghum (milo), annual or perennial grass crops may be planted into treated areas one year after application. Crops grown for seed (other than perennial grass seed) should not be planted into treated areas until three years after application. Do not plant broadleaf crops such as alfalfa, beans, peas, potatoes, or sugarbeets into treated areas until two years after

application.

In most cases, treatments will not kill perennial weed seedlings which germinate from seed one or two years after treatment. Once the effect of the chemical has been lost, a follow-up program for seedling control or other cultural practices should be instituted.

WIPER APPLICATION USES

IMPORTANT

Observe all PRECAUTIONS on this label.

DICAMBA AG may be applied through wiper application equipment to control or suppress actively growing broadleaf weeds, brush and vines. Use a solution containing 1 part DICAMBA AG to 1 part water. Do not contact desirable vegetation with herbicide solution. Wiper application should only be made to crops (including pastures) and non-cropland areas described in this label with the exception of Grain Sorghum (Milo).

STORAGE AND DISPOSAL

PROHIBITIONS

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

STORAGE

Store in original container in a well-ventilated area separately from fertilizer, feed and foodstuffs. Avoid cross-contamination with other pesticides. Spillage or leakage should be contained and absorbed with clay granules, sawdust, or equivalent material for disposal.

PESTICIDE DISPOSAL

Triple rinse pesticide from containers and use rinsates in the pesticide application. Wastes which cannot be used according to label instructions may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Plastic or Metal: After triple rinsing (or equivalent) offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities, such as burning of plastic containers. If burned, stay out of smoke.

BULK STORAGE AND DISPOSAL: To be printed on labeling for bulk use only.

AGITATE BEFORE USE

STORAGE AND DISPOSAL

PROHIBITIONS

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. This product may not be mixed, loaded, or used with 50 feet of all wells including abandoned wells, drainage wells, and sinkholes.

STORAGE

Ground water contamination may be reduced by diking and flooring of permanent liquid bulk storage sites with an impermeable material.

PESTICIDE DISPOSAL

Pesticide spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to Federal and local procedures under Subtitle C or the Resource Conservation and Recovery Act.

BULK TANK MAINTENANCE

Follow clean-out directions in Dealer Bulk Handling Guide for LEGEND 4L listed under Bulk Storage Tank Requirements.

GENERAL

Consult Federal, State or local disposal authorities for approved alternative procedures, such as limited burning.

NOTICE OF WARRANTY AND DISCLAIMER

Seller warrants that at the time of delivery the product in this container conforms to its chemical description contained hereon and is reasonably fit for its intended purpose under normal conditions of use. This is the only warranty made on this product. Seller expressly disclaims any implied warranties of merchantability or fitness for any particular purpose and, except as set forth above, any other express or implied warranties. Any damages arising from breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid for this product by Buyer, and shall not include incidental or consequential damages such as, but not limited to, loss of profits or values. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or 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 the Seller. In no case shall Seller be liable for the consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. Buyer acknowledges the use of its own independent skill and expertise in the selection and use of the product and does not rely on any oral or written statements or representations.

Control Solutions, Inc.
5903 Genoa-Red Bluff Road
Pasadena, TX 77507-1041

EPA Reg.No.:53883-
EPA Est.No.:

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