

66330-276

09/11/2009

Sheet

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:
66330-276

Date of Issuance:
SEP 11 2009

NOTICE OF PESTICIDE:

Registration
[X] Reregistration
(under FIFRA, as amended)

Term of Issuance:

Name of Pesticide Product:
Dicamba DMA 4# AG

Name and Address of Registrant (include ZIP Code):

Arysta LifeScience North America, LLC
15401 Weston Parkway, Suite 150
Cary, NC 27513

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 reregistered in accordance with FIFRA provided that you:

- 1) Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.

Signature of Approving Official:

Date:

Joanne Miller
Product Manager 23
Herbicide Branch
Registration Division (7505P)

SEP 11 2009

2) Per the acute toxicity review, the signal word currently on the label “WARNING” must be revised to read “CAUTION” and the Spanish signal word “AVISO” must be deleted from the label.

3) Per the acute toxicity review, the Hazards to Humans and Domestic Animals must be revised to read:

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

4) The handler glove statement must be revised to read “chemical-resistant gloves (except for pilots).”

5) Per the RED label table, the text in **bold type** below must be added to the following User Safety Requirements:

“...If no such instructions for washables **exist**, use detergent and hot water...”

6) The text in bold type must be added to the User Safety Recommendation text currently on the label:

“User should remove clothing/**PPE** immediately if pesticide gets inside.”

7) The text “For terrestrial uses” must be deleted from the Environmental Hazard section of the label.

8) Add under the heading Physical or Chemical Hazards “Keep away from strong oxidizers”.

9) The following revisions are needed to the directions for use:

**Small Grains (Wheat, Barley and Oats):**

- Correct the typographical error (“form”) in the text “Do not harvest hay form treated areas...”
- Per the revised label table, add a 7-day PHI for oats, barley and wheat.

**Sugarcane:**

- The directions to apply up to 2.0 lbs ae per acre exceed the maximum allowable rate of 1.0 lbs ae per acre per application. The label must be revised.
- Per the revised label table, add an 87-day PHI.

**Pasture, Hay, Rangeland and General Farmstead:**

- The directions to apply up to 2.0 lbs ae per acre exceed the maximum allowable rate of 1.0 lbs

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ae per acre per application. The label must be revised.

-The text "Rates above 1.0 lbs ai/A are spot treatments only" must be deleted from the label.

-Per the revised label table, add the following PHIs:

"The PHI for grass forage is 0 days.

The PHI for grass hay is 7 days."

**Turf and Lawn:**

-Correct the typographical error ("Apply 1/5 to a/2 pint....") appearing in the text under the heading "Tank Mix Treatments."

**'Grass Seed Crops' and 'Annual Grass Control':**

-Per the revised label table, add the following PHIs:

"The PHI for grass forage is 0 days.

The PHI for grass hay is 7 days."

**Cropping Restrictions:**

-The directions under the heading 'Cropping Restrictions' to "use rates up to 4 pints per treated acre" exceed the maximum allowable rate of 1.0 lbs ae per acre per application. The label must be revised.

10) Change the heading "General Information" to "Product Information". Change "General Weed List" to "Weed List". (occurs throughout the label)

Under "Weed List" change "as recommended under the rates" to "as directed under the rates".

Ahead of the Woody List change "recommended for other" to "directed for other".

Under Sorghum, change "recommended rate" to "specified rate".

Under Sugarcane, change "recommend rate" to "specified rate".

Throughout the label, change "recommended rate" and "rate recommendations" etc. to "directed rate" or "specified rate".

Delete "General" from "General Farmstead".

Under Cropping Restrictions change "recommendations" to "directions".

11) To the Storage and Disposal section, change "Storage" to "Pesticide Storage".

A stamped copy of the label is enclosed for your records. You must submit one copy of the final printed label before you release the product for shipment. Products shipped after 12 months from the date of this letter or the next printing of the label whichever occurs first, must bear the new revised label. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA. Your release for shipment of the product constitutes acceptance of these conditions. This label supercedes all other previously accepted labels. If you have any questions please call Erik Kraft at 703-308-9358 or email at Kraft.Erik@epa.gov.

Stamped 6-18-07 4/37

# DICAMBA DMA 4# AG

## HERBICIDE

For weed control in corn, sorghum, small grains, pasture, hay, rangeland, general farmstead (non-cropland), fallow, sugarcane, asparagus, turf, and grass seed crops.

**ACTIVE INGREDIENT:**

Dimethylamine salt of dicamba (3, 6-dichloro-o-anisic acid)\* . . . . . 49.4%

INERT INGREDIENTS: . . . . . 50.6%

Total . . . . . 100.0%

\* This product contains 41.0% 3, 6 -dichloro-o-anisic Acid (dicamba) or 4 pounds per gallon (480 g/l).

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

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

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

**HOT LINE NUMBER**

**EMERGENCY TELEPHONE NUMBERS:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment.  
**FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE CALL:** 1-866-303-6952  
**FOR CHEMICAL EMERGENCY:** Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300

EPA Reg. No. 66330-276  
EPA Est. No. \_\_\_\_\_  
AD XXXXXX

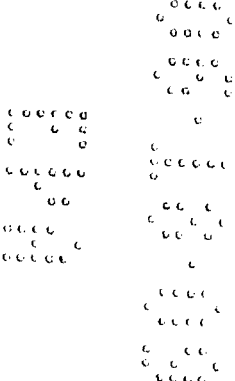
NET CONTENTS: \_\_\_\_\_

Manufactured for  
Arysta LifeScience North America, LLC  
15401 Weston Parkway, Suite 150  
Cary, NC 27513

**ACCEPTED**  
with **COMMENTS**  
In **EPA Letter Dated:**  
**SEP 11 2009**

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

**66330-276**



Filename: DICAMBA DMA 4# AG (66330-276)061609.doc

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
WARNING/AVISO**

Causes eye irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Avoid breathing spray mist. Wash thoroughly after handling. In case of contact, wash skin with soap and water; for eyes, flush with water for 15 minutes and get medical attention.

**Personal Protective Equipment (PPE)**

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

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

- Long-sleeved shirt and long pants
- Shoes plus socks, and
- Chemical-resistant gloves (except for applicators using groundboom equipment, pilots and flaggers)

See engineering controls for additional requirements and exceptions. 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.

Pilots must use cockpits in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)).

<p><b>User Safety Recommendations</b></p> <p>Users should:</p> <ul style="list-style-type: none"> <li>• Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.</li> <li>• Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.</li> <li>• 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.</li> </ul>
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**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 or rinsate. 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.

**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.

**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 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 worn over short-sleeve shirt and short pants
- Chemical-resistant footwear plus socks
- Chemical-resistant gloves made of any waterproof material
- Chemical-resistant headgear for overhead exposure
- Protective eyewear

**Nonagricultural 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, nurseries, or greenhouses.

- **DO NOT enter or allow others to enter the treated area until sprays have dried.**

Before applying **DICAMBA DMA 4# AG herbicide** read all directions and precautions appearing on the container label and in this booklet. 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 DMA 4# AG herbicide**. 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 BOOKLET, THE FOLLOWING DIRECTIONS APPLY TO ALL CROP AND NON-CROP USES OF **DICAMBA DMA 4# AG**. REFER TO INDIVIDUAL USE SECTIONS FOR ADDITIONAL PRECAUTIONS, RESTRICTIONS, APPLICATION RATES, AND TIMINGS.

**DICAMBA DMA 4# 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**) should be made prior to tank mixing.

**DO NOT** apply more than 2 pts of **DICAMBA DMA 4# AG** (1 lb dicamba) per acre for any single application.

**DO NOT** exceed more than 4 pts of **DICAMBA DMA 4# AG** (2 lbs dicamba) per acre per year.

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 diluted spray per treated acre when using ground application equipment or 1 to 10 gallons of diluted spray per treated acre (2 to 20 gallons of diluted spray per treated 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 DMA 4# 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 DMA 4# 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 according to state and local requirements 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 of 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 (less than 8 feet in Arizona). 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 DMA 4# AG herbicide** 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 DMA 4# AG** during their development or growing stage. FOLLOW THE PRECAUTIONS LISTED BELOW WHEN USING **DICAMBA DMA 4# AG**

- **DO NOT** treat areas where either possible downward movement into the soil or surface washing may cause contact of **DICAMBA DMA 4# 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 DMA 4# AG** adjacent to sensitive crops when the temperature on the day of application is expected to exceed 85° F is more likely to occur.
- **To avoid injury to desirable plants, equipment used to apply DICAMBA DMA 4# AG** should be thoroughly cleaned (see PROCEDURE FOR CLEANING SPRAY EQUIPMENT) before reusing to apply any other chemicals.

All crop uses of **DICAMBA DMA 4# 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 DMA 4# AG** may be applied as a band treatment. Use the formulas below to determine the appropriate rate and volume per treated acre.

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast RATE per treated acre} = \text{Band RATE per treated acre}$$

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast VOLUME per treated acre} = \text{Band VOLUME per treated acre}$$

**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)**

<u>HERBICIDE FORMULATIONS</u>	<u>RATE PER ACRE</u>	<u>LEVEL TEASPOONS</u>
Dry	1 lb	1 ½
Liquid	1 pt	1/2

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. Rerun 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 DMA 4# AG herbicide** or tank mixes of **DICAMBA DMA 4# AG** or tank mixes of **DICAMBA DMA 4# AG** plus 2,4-D amino.

- 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 2 full tanks of water.

The steps listed below are suggested for thorough cleaning of spray equipment used to apply **DICAMBA DMA 4# AG** as a tank mix with wettable powders (WP), emulsifiable concentrates (EC), or other types of water-dispersible formulations. **DICAMBA DMA 4# 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 lb 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 DMA 4# 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) | Nightshade, Black                  |
| Aster, Slender                  | Pennycress, Field (Fanweed),       |
| Bedstraw                        | Frenchweed, Stinkweed)             |
| Beggarweed, Florida             | Pepperweed, Virginia (Peppergrass) |
| Broomweed, Common               | Pigweed, Prostrate                 |
| Buckwheat, Wild                 | Pigweed, Redroot (Carelessweed)    |
| Buffalobur                      | Pigweed, Rough                     |

Burclover, California  
 Burcucumber  
 Buttercup, Roughseed  
 Carpetweed  
 Catchfly, Nightflowering  
 Chamomile, Corn  
 Chickweed, Common  
 Clovers (Annual)  
 Cockle, Corn  
 Cockle, Cow  
 Cocklebur, Common  
 Croton, Tropic  
 Croton, Woolly  
 Daisy, English  
 Evening Primrose, Cutleaf  
 Fleabane, Annual  
 Goosefoot, Nettleleaf  
 Henbit  
 Jimsonweed  
 Knotweed  
 Kochia  
 Ladysthumb  
 Lambsquarters, Common  
 Lambsquarters (triazine resistant)  
 Lettuce, Prickly  
 Mallow, Common  
 Mallow, Venice  
 Mare's Tail (Horseweed)  
 Mayweed  
 Morningglory, Ivyleaf  
 Morningglory, Tall  
 Mustard, Tansy  
 Mustard, Wild  
 Mustard (Yellowtops)

#### BIENNIALS

Burdock, Common  
 Carrot, Wild (Queen Anne's Lace)  
 Cockle, White  
 Evening Primrose, Common  
 Geranium, Carolina  
 Gromwell  
 Knapweed, Diffuse  
 Knapweed, Spotted  
 Mallow, Dwarf

#### PERENNIALS

\* Alfalfa  
 Artichoke, Jerusalem  
 Aster, Spiny  
 Aster, Whiteheath  
 Beadstraw, Smooth  
 Bindweed, Field  
 Bindweed, Hedge  
 Blueweed, Texas  
 \* Bursage (Bur Ragweed),

Pigweed, Smooth  
 Pigweed (triazine resistant)  
 Pigweed, Tumble  
 Poorjoe  
 Puncturevine  
 Purslane, Common  
 Pusley, Florida  
 Radish, Wild  
 Ragweed, Common  
 Ragweed, Giant (Buffaloweed)  
 Ragweed, Lance-Leaf  
 Rubberweed, Bitter (Bitterweed)  
 Sesbania, Hemp  
 Shepherdspurse  
 Sicklepod  
 Sida, Prickly (Teaweed)  
 Smartweed, Green  
 Smartweed, Pennsylvania  
 Sneezeweed, Bitter  
 Sowthistle, Annual  
 Sowthistle, Spiny  
 Spikeweed, Common  
 Spurge, Prostrate  
 Spurry, Corn  
 Starbur, Bristly  
 Sumpweed, Rough  
 Sunflower, Common (Wild)  
 Sunflower, Volunteer  
 Thistle, Russian  
 Velvetleaf  
 Waterhemp  
 Waterprimrose, Winged  
 Wormwood, Annual

Plantain, Bracted  
 Ragwort, Tansy  
 Starthistle, Yellow  
 Sweetclover  
 Teasel  
 Thistle, Bull  
 Thistle, Milk  
 Thistle, Musk  
 Thistle, Plumeless

Milkweed, Common  
 Milkweed, Honeyvine  
 Milkweed, Western Whorled  
 Nettle, Stinging  
 Nightshade, Silverleaf  
 (White Horsenettle)  
 Onion, Wild  
 \* Plantain, Broadleaf  
 Plantain, Buckhorn

Lakewood, Povertyweed)  
 Bursage, Woollyleaf (Lakewood]  
 Buttercup, Tall  
 Campion, Bladder  
 Chickweed, Field  
 Chickweed (Mouseear, Canada)  
 Chicory  
 \* Clover, Hop  
 \* Dandelion, Common  
 \* Dock, Broadleaf (Bitterdock)  
 \* Dock, Curly  
 Dogbone, Hemp  
 \* Dogfennel (Cypressweed)  
 Fern, Bracken  
 Garlic, Wild  
 Goldenrod, Canada  
 Goldenrod, Missouri  
 Goldenweed, Common  
 Hawkweed  
 Henbane, Black  
 Horsenettle, Carolina  
 Ironweed  
 Knapweed, Black  
 Knapweed, Russian  
 Milkweed, Climbing

Pokeweed  
 Ragweed, Western  
 Redvine  
 Sericia Lespedeza  
 Smartweed, Swamp  
 Snakeweed, Broom  
 \* Sorrel, Red (Sheep Sorrel)  
 Sowthistle  
 Sowthistle, Perennial  
 Spurge, Leafy  
 Sundrop, Halfshrub  
 (Evening Primrose)  
 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 DMA 4# AG** at rates lower than those recommended for other listed perennial weeds. (See APPLICATION RATES AND TIMING sections in this label.)

**WOODY**

Alder  
 Ash  
 Aspen  
 Basswood  
 Beech  
 Birch  
 \* Blackberry  
 \* Blackgum  
 \* Cedar  
 Chinquapin  
 Cottonwood  
 \* Creosotebush  
 Cucumbertree  
 \* Dewberry  
 \* Dogwood  
 Elm  
 Grape  
 \* Hawthorn (Thornapple)  
 Hemlock  
 Hickory  
 Honeylocust  
 Honeysuckle  
 Hornbeam  
 Huckleberry  
 Huisache

Locust, Black  
 Maple  
 Mesquite  
 Oak  
 Oak, Polson  
 Olive, Russian  
 Persimmon, Eastern  
 Pine  
 \* Plum, Sand (Wild Plum)  
 Rabbitbrush  
 \* Redcedar, Eastern  
 \* Rose, McCartney  
 \* Rose, Multiflora  
 Sagebrush, Fringe  
 Sassafras  
 Serviceberry  
 Spicebush  
 Spruce  
 Sumac  
 \* Sweetgum  
 Sycamore  
 Tarbush  
 Willow  
 Witchhazel  
 \* Yaupon

12/37

Ivy, Poison  
Kudzu

\* Yucca

\* Growth Suppression

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**FIELD, SEED\*, POPCORN\*, AND SILAGE CORN**

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Observe all PRECAUTIONS, MIXING, AND APPLICATION instructions as well as the following:

\* **DO NOT** apply **DICAMBA DMA 4# AG herbicide** to seed corn or popcorn without first verifying with your local seed corn company (supplier) the **DICAMBA DMA 4# AG** selectively on your inbred line or variety of popcorn. This precaution will help avoid potential injury of sensitive varieties.

**DICAMBA DMA 4# AG** is not registered for use on sweet corn. Direct contact of **DICAMBA DMA 4# AG** with corn seed must be avoided. If corn seeds are less than 1 ½ inches below the surface, delay application until corn has emerged. Up to 2 applications of **DICAMBA DMA 4# AG** may be made during a growing season. **DO NOT** exceed a total of 1 ½ pints of **DICAMBA DMA 4# AG** per treated acre per crop year.

Allow two weeks or more between applications of **DICAMBA DMA 4# AG**. See appropriate section for rate information. For combination options or sequential treatments, refer to appropriate section.

Applications of **DICAMBA DMA 4# 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 to 1 gallon per acre of 28%, 30%, or 32% urea ammonium nitrate or 2.5 pounds per acre spray grade ammonium sulfate<sup>1</sup>) 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 tank mix applications of **DICAMBA DMA 4# AG**. Refer to their label for specific recommendations.

**WEEDS CONTROLLED**

**DICAMBA DMA 4# 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)

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.

<sup>1</sup> Not for use in California.

**PREPLANT/PREEMERGENCE IN NO-TILLAGE CORN**

Applications of **DICAMBA DMA 4# AG** may be made before, during, or after planting to emerged and actively growing broadleaf weeds. Apply **DICAMBA DMA 4# AG** at 1 pint per treated acre on medium or fine textured soils containing 2% or greater organic matter. Use ½ 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 DMA 4# AG** after 4 to 6 inches of regrowth has occurred.

**PREEMERGENCE IN CONVENTIONAL OR REDUCED TILLAGE CORN**

**DICAMBA DMA 4# AG** may be applied after planting and prior to corn emergencies. 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 DMA 4# 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 DMA 4# 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 ½ 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 6<sup>th</sup> 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 DMA 4# AG** at ½ 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 DMA 4# 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 DMA 4# AG** herbicide may be applied to ground previously treated with one or more of the following herbicides registered for use in corn:

acetochlor (Surpass <sup>®</sup> , Harness <sup>®</sup> Plus)	butylate (Sutan <sup>®</sup> +/Genate <sup>™</sup> )	halosulfuron (Battalion <sup>®</sup> , Permit <sup>®</sup> )
alachlor (Lasso <sup>®</sup> , Lasso MT <sup>®</sup> , Partner <sup>®</sup> )	CLARITY <sup>®</sup>	Lariat <sup>®</sup>
Atrazine	cyanazine (Bladex <sup>®</sup> )	MARKSMAN <sup>®</sup>
Bicep <sup>®</sup>	dimethenamid (FRONTIER <sup>®</sup> )	metolachlor (Dual)
Broadstrike <sup>®</sup> + Dual <sup>®</sup>	EPTC (Eradicane <sup>®</sup> )	paraquat (Gramoxone <sup>®</sup> )
Broadstrike <sup>®</sup> Plus	Extrazine <sup>®</sup> II	pendimethalin (Prowl <sup>®</sup> )
Bronco <sup>®</sup>	glyphosate (Roundup <sup>®</sup> )	propachlor (Ramrod <sup>®</sup> )
Bullet <sup>®</sup>	GUARDSMAN <sup>®</sup>	simazine (Princep <sup>®</sup> )
		Surpass <sup>®</sup> 100

Apply **DICAMBA DMA 4# AG** at ½ 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 DMA 4# AG** may be tank mixed with one or more of 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.

**RATES AND TIMINGS**

DICAMBA DMA 4# AG	PREPLANT/ PREEMERGENT (NO TILALGE CORN)	PREEMERGENT (CONVENTIONAL OR REDUCED TILLAGE CORN)	EARLY POST EMERGENT (ALL TILLAGE SYSTEMS)	LATE POSTEMERGENT (ALL TILLAGE SYSTEMS)	ADDITIONAL DIRECTIONS
ACCENT® (nicosulfuron)	-	-	½-1.0 oz ai/A	½-1.0 oz 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 of .25% (V/V) with this tank mixture.
ATRAZINE	1 ¼ - 2.0 lb ai/A	1 ¼ - 2.0 lb ai/A	1 ¼ -2.0 lb ai/A Crop oil concentrates may be used with this mixture if corn is 5 inches or less in height.	1 ¼ - 2.0 lb ai/A Do not apply if corn is greater than 12 inches tall.	Application may be made before grasses are 1 ½ inches tall. Follow all state and federal restrictions pertaining to atrazine applications.
BEACON® (primisulfuron)	-	-	0.31 – 0.62 oz ai/A	0.31 – 0.62 oz 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.
BLADDEX (cyanazine)	1 ¼ - 4.0 lb ai/A	1 ¼-4.0 lb ai/A	¼-2.0 lb ai/A (use the 90 DF formulation only, after corn emergence.)	-	Application may be made before grasses are 11/2 inches tall, and before corn is beyond the 4 leaf stage.
DUAL (metalachlor)	1 1/2-3.0 lb ai/A	1 1/2-3.0 lb ai/A (use only on fine or medium textured soils with 2.5% or greater organic matter.)	1 1/2 – 3.0 lb ai/A	-	Application may be made before grasses reach the 2 leaf stage and before corn is greater than 3 inches tall.
FRONTIER (dimethenamid)	13.0-25.0 fl oz ai/A	13.0-25.0 fl oz/A (use only on line or medium textured soils with 2.5% or greater organic matter.)	13.0-25.0 fl oz ai/A		Applications may be made up to 8 inch tall cans. 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.

FRONTIER 6.0 (dimethenamid)	16.0-32.0 fl oz/A	16.0-32.0 fl oz/A (use only on line or medium textured soils with 2.5% or greater organic matter.)			Application may be made up to 8 inch tall corn. This treat- ment must be combined with a herbicide that provides postemer- gence control of grass weeds if they are greater than 1 inch tall at the time of application.
GRAMOXONE (paraquat)	¼-1.0 lb ai/A	¼-1.0 lb ai/A	-	-	Application may be made to emerged Weeds but prior to corn emergence.
HARNESS PLUS® Or SURPASS (acetochlor)	1 ½-3.0 lb ai/A	1 ½ -3.0 lb ai/A Use only on fine or medium textured soils with 2.5% or greater organic matter.	-	-	Application should be made prior to corn emergence.
LASSO (alachlor)	1 1/2-4.0 lb ai/A	1 1/2 -4.0 lb ai/A (use only on line textured soils with greater than 2.5% organic matter)	1 1/2-4.0 lb ai/A	-	Application may be made before grasses reach the 2 leaf stage and before corn is greater than 3 inches tall. If microencap- sulated forms of alachlor are used (Lasso MT, Partner), applications must be made prior to grass emergence.
PRINCEP (simazine)	2.0-3.0 lb ai/A	2.0-3.0 lb ai/A	-	-	Application may be made prior to corn or weed emergence.
PROWL (pendimethalin)	-	¾-1 1/2 lb ai/A (use only on fine or medium textured soils with 2.5% or greater organic matter.)	¾-1 1/2 lb ai/A	-	Application may be made immediately after planting but prior to weed emer- gence. Corn should not be beyond the 2 leaf stage of growth.
ROUNDUP (glyphosate)	1.0-3.0 lb ai/A	1.0-3.0 lb ai/A	-	-	Application may be made to emerged weeds but prior to corn emergence.
STINGER® (clopypalid)			0.035-0.07 lb ai/A	0.035-0.07 ob ai/V	Applications may be made any time after Corn emergence Through 24 inch tall Corn. Use drop Nozzles to direct Spray after corn ex- ceeds the 8 inch Stage. Apply when The majority of the Thistle-plants have

				Emerged and are at Least 4 inches in Height, but before Bud stage. Use Higher rates listed For stand reduction Of larger thistle plants Or heavier infestations. Lower rates Listed may provide Seasonal thistle Suppression only.	
TOUGH® 3.7SEC (pyridate)		0.47 LB AI/a	0.47-0.94 LB AI/A	Applications may be made to emerged, Actively growing Weeds. Directed Applications are Recommended when Corn is large enough To prevent proper Spray coverage.	
2,4-D	1/4-1/2 lb ai/A	1/4-1/2 lb ai/A	Net recommended	1/4 lb ai/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 wheat will reduce the likelihood of crop injury and improve spray coverage of weed foliage.

**SORGHUM (MILO)**

Observe all PRECAUTIONS, including the reference to crops growing under stress. Read and follow MIXING AND APPLICATION instructions. Applications of **DICAMBA DMA 4# 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 the label. **DO NOT** apply **DICAMBA DMA 4# AG** to sorghum grown for seed production. Make no more than one application per growing season.

**WEEDS CONTROLLED**

**DICAMBA DMA 4# 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 DMA 4# AG** may be applied to emerged and actively growing weeds at least 15 days prior to planting. Postemergence application of **DICAMBA DMA 4# 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 applicatins when sorghum is in the 3 to 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 ai)



**TANK MIX TREATMENTS**

**DICAMBA DMA 4# 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 ½ pint **DICAMBA DMA 4# AG** with 0.5 to 1.25 lbs ai atrazine per treated acre. For control of grasses (less than 1.5 inches tall), tank mix ½ pint **DICAMBA DMA 4# AG** with

2 lb ai atrazine per treated acre. For best performance and minimal crop injury, make application when sorghum is 3 to 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 DMA 4# AG herbicide PLUS BUCTRIL®**

For improved control of broadleaf weeds, tank mix ½ pint **DICAMBA DMA 4# AG** with 1 to 1 ½ pint **Buctril** 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 IX PRODUCT USED FOR PRECAUTIONARY STATEMENTS. DIRECTIONS FOR USE, APPLICATION RATES AND TIMINGS, AND OTHER RESTRICTIONS.

**OVERLAY (SEQUENTIAL) TREATMENTS**

**DICAMBA DMA 4# AG** may be applied to ground previously treated with one or more of the following herbicides.

<b>Herbicide</b>	<b>Maximum rate per treated acre (lb ai)</b>
alachlor (Lass) (Screen® treated seed)	4.0
atrazine <sup>1</sup>	2.5
metolachlor (Dual®) (Concep® treated seed)	2.5
Propachlor (Ramrod)	5.0

<sup>1</sup>Maximum 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 DMA 4# 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**

½ pint (1/4 lb ai)

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**SMALL GRAINS (WHEAT, BARLEY, AND OATS)  
NOT UNDERSEEDED TO LEGUMES**

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**IMPORTANT:** Observe all PRECAUTIONS. Read and follow CLEANING, MIXING AND APPLICATION instructions.

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

- Animals cannot be removed from treated area for slaughter prior to 30 days after last applications.
- 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 DMA 4# AG** or combinations with listed tank mix partners will provide control or suppression of the ANNUAL broadleaf weeds listed below. For improved control of listed weeds, it is recommended that **DICAMBA DMA 4# AG** be applied in a tank mix with other herbicides. Refer to specific crop for tank mix options.

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

<sup>1</sup>These words will be controlled with **DICAMBA DMA 4# AG** tank mixtures  
<sup>2</sup>Refer to tank mix label for specific weeds controlled.

**DICAMBA DMA 4# AG** tank mixers will provide suppression of established broadleaf weeds and control of their seedlings.

**RATES AND TIMINGS**

Application of **DICAMBA DMA 4# AG** may be made before, during or after planting of small grains. For best performance, make applications when weeds are in the 2 to 3 leaf stage and rosettes are less than 2 inches across. Application of **DICAMBA DMA 4# 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 DMA 4# 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, wild buckwheat, cow cockle, prostrate knotweed, Russian thistle, and prickly lettuce or when dense vegetative growth occurs.

**DICAMBA DMA 4# 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 DMA 4# 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 DMA 4# AG** with a tank mix herbicide. Non-sulfonylurea herbicides such as 2, 4-D or MCPA tank mixed with **DICAMBA DMA 4# AG** will offer more consistent control of sulfonylurea resistant weeds. When tank mixing with sulfonylurea herbicides, such as **Ally<sup>®</sup>**, **Amber<sup>®</sup>**, **Express<sup>®</sup>**, **Finesse<sup>®</sup>**, **Glean<sup>®</sup>**, and **Harmony<sup>®</sup> Extra** use an agriculturally approved surfactant of at least 80% active ingredient at the rate of 1 to 4 pints/100 gallons of spray or not ore than 0.25 to 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 DMA 4# AG** herbicide **MUST BE APPLIED TO FALL SEEDED WHEAT PRIOR TO THE JOINTING STAGE.** APPLICATIONS TO SPRING SEEDED WHEAT **MUST BE MADE BEFORE WHEAT REACHES THE 6 LEAF STAGE.**

**TANK MIX TREATMENTS**

**DICAMBA DMA 4# AG** may be tank mixed with one or more of 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**

<sup>1</sup>Apply 2 to 4 fluid ounces **DICAMBA DMA 4# AG** with:

<u>Product</u>	<u>Active Ingredient</u>	<u>Formulation</u>	<u>Amount of Product Per Acre</u>
2,4-D amine or ester	2,4-D	4.0 lb/gal	8.0-12.0 fl oz (.25-.375 lb ai/A) <sup>2</sup>
MCPA Amine or ester	MCPA	4.0 lb/gal	8.0-12.0 fl oz (.25-.375 lb ai/A) <sup>2</sup>
<b>Ally<sup>®</sup></b>	metsulfuron-methyl	60% DF	1/10 oz
<b>Amber<sup>®</sup></b>	triasulfuron	75% DF	0.28 oz
<b>Express<sup>®</sup></b>	thifensulfuron +	75% DF	1/6 oz

Finesse®	tribenuron-methyl 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 <sup>3</sup>	2.0 lb/gal	1.0-1.5 pt
Bronate®	bromoxynil + MCPA	4.0 lb/gal	1.0-2.0 pt
Curtail®	clopyralid + 2,4-D	2.38 lb/gal	2.0-2 3/4 pt
Stinger	clopyralid	3.0 lb/gal	1/4-1/3 pt
Karmex® <sup>4</sup>	diuron <sup>3</sup>	80% DF	12/-1.5 lb
Sencor® <sup>4</sup>	metribuzin <sup>3</sup>	75% DF	1.0-10.0 oz
Dakota® <sup>5</sup>	fenoxoprop-ethyl + MCPA	3.1 lb/gal	16.0 oz
Tiller® <sup>5</sup>	fenoxoprop-ethyl + MCPA + 2,4-D	2.7 lb/gal	1.0 – 1.7 pt

<sup>1</sup>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.

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

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

<sup>4</sup>Tank mixtures for fall seeded wheat only.

<sup>5</sup>Use 2 fluid ounces of **DICAMBA DMA 4# AG** only. **DO NOT** use if wild oats is the target weed. **DO NOT** use **DICAMBA DMA 4# AG** as a tank mix treatment with Dakota or Tiller on Durum wheat.

**SPECIAL USE TANK MIXES FOR  
SPRING AND FALL SEEDED WHEAT  
(SEE FOOTNOTES FOR APPLICABLE USES)**

Apply 3 to 4<sup>1</sup> fluid ounces **DICAMBA DMA 4# AG** with:

<u>Product<sup>2</sup></u>	<u>Active Ingredient</u>	<u>Amount of Formulation</u>	<u>Product Per Acre</u>
2,4-D or MCPA amine	2,4-D or MCPA	4.0 lb/gal	1.0 – 2.0 pt <sup>3</sup> (.5 – 1.0 lb ai/A) <sup>4</sup>
2,4-D or MCPA ester	2,4-D or MCPA	4.0 lb/gal	1.0 – 1.5 pt <sup>3</sup> (.5 - .75 lb ai/A) <sup>4</sup>
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 – 1/4 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 <sup>5</sup>	metsulfuron- methyl +2,4-D	60%DF + 4.0 lb/gal	1/20 – 1/10 oz + 8.0 fl oz
Amber + 2,4-D amine or ester <sup>5</sup>	triasulfuron + 2,4-D	75%DF + 4.0 lb/gal	0.14 oz – 0.28 oz + 8.0 fl oz
Express + 2,4-D amine or ester <sup>5</sup>	(thifensulfuron + tribenuron- methyl) + 2,4-D	75%DF + 4.0 lb/gal	1/12 – 1/6 oz + 8.0 fl oz
Finesse + 2,4-D amine or ester <sup>5</sup>	(chlorsulfuron + metsulfuron-	75%DF + 4.0 lb/gal	1/6 – 1/3 oz + 8.0 fl oz

Glean + 2, 4-D amine or ester <sup>5</sup>	methyl) + 2,4-D chlorsulfuron + 2,4-D	75%DF + 4.0 lb/gal	1/6 oz + 8.0 fl oz
Harmony Extra + 2,4-D amine or ester <sup>5</sup>	(thifensulfuron + tribenuron-methyl) + 2,4-D	75%DF + 4.0 lb/gal	1/6 – 1/3 oz + 8.0 fl oz
Roundup RT <sup>6</sup>	glyphosate	3.0 lb/gal	12.0 – 16.0 fl oz

<sup>1</sup>**DICAMBA DMA 4# 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 BANVEL 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 DMA 4# 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.

<sup>2</sup>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.

<sup>3</sup>Note: For use on Fall Seeded Wheat Only. Do Not Use unless potential crop injury will be acceptable.

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

<sup>5</sup>Use for improved control of Russian thistle, flixweed, gromwell, mayweed, and fiddleneck.

<sup>6</sup>**DICAMBA DMA 4# AG** may be applied at 2 fluid ounces with Roundup RT or any glyphosate formulation labeled for use as a preplant application to small grains with no waiting period prior to planting. Read and follow label directions of the tank mix product for adjuvant use recommendations.

**FALL SEEDED BARLEY**

**DICAMBA DMA 4# 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 DMA 4# AG** may be tank mixed with one or more of 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 to 4 fluid ounces **DICAMBA DMA 4# AG** with:

<u>Product</u> <sup>1</sup>	<u>Active Ingredient</u>	<u>Formulation</u>	<u>Amount of Product Per Acre</u>
2,4-D amine or ester	2,4-D	4.0 lb/gal	8.0 fl oz (0.25 lb ai/A) <sup>2</sup>
MCPA amine or ester	MCPA	4.0 lb/gal	8.0-12.0 fl oz (0.25-0.375 lb ai/A)
Ally <sup>®</sup>	metsulfuron-methyl	60%DF	1/20 – 1/10 oz
Amber <sup>®</sup>	triasulfuron	75%DF	0.14 – 0.28 oz
Express <sup>®</sup>	thifensulfuron + tribenuron-methyl	75%DF	1/12 – 1/6 oz
Finesse <sup>®</sup>	chlorsulfuron + metsulfuron-methyl	75%DF	1/6 – 1/3 oz
Glean <sup>®</sup>	chlorsulfuron	75%DF	1/6 oz
Harmony <sup>®</sup> Extra	thifensulfuron + tribenuron-methyl	75%DF	1/6 – 1/3 oz

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Sencor®	metribuzin	75%DF	1.0 – 10.0 oz
Buctril®	bromoxynil	2.0 lb/gal	1.0 – 1 ½ pt
Bronate®	bromoxynil + MCPA	4.0 lb/gal	¾ – 1 ½ pt

<sup>1</sup>**DO NOT** use low rates of sulfonyleureas (Ally, Amber, Express, Finesse, Glean, and Harmony Extra) on more mature weeds and/or on dense vegetative growth.

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

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

### SPRING SEEDED BARLEY

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

#### TANK MIX TREATMENTS

**DICAMBA DMA 4# AG** may be tank mixed with one or more of 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 to 3 fluid ounces **DICAMBA DMA 4# AG** with:

<u>Product</u> <sup>1</sup>	<u>Active Ingredient</u>	<u>Formulation</u>	<u>Amount of Product Per Acre</u>
MCPA amine or ester	MCPA	4.0 lb/gal	8.0 – 12.0 fl oz (.25 - .375 lb ai/A) <sup>2</sup>
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 <sup>3</sup>	75%DF	1.0 – 10.0 oz
Buctril	bromoxynil	2.0 lb/gal	1.0 – 1 ½ pt
Bronate	bromoxynil + MCPA	4.0 lb/gal	¾ - 1 ½ pt

<sup>1</sup>**DO NOT** use low rates of sulfonyleureas (Ally, Amber, Express, Finesse, Glean, and Harmony Extra) on more mature weeds and/or on dense vegetative growth.

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

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

### FALL AND SPRING SEEDED OATS

**DICAMBA DMA 4# 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 DMA 4# AG** may be tank mixed with one or more of 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 to 4 fluid ounces **DICAMBA DMA 4# AG** with:

<u>Product</u>	<u>Active Ingredient</u>	<u>Formulation</u>	<u>Amount of Product Per Acre</u>
MCPA amine or ester	MCPA	4.0 lb/gal	8.0-12.0 FL OZ (.25-.375 lb ai/A) <sup>1</sup>

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

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**SUGARCANE**

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Observe all PRECAUTIONS. Read and follow MIXING AND APPLICATION instructions. Consult your local or state authorities for possible application restrictions, especially concerning aerial applications and advice concerning special local use situations.

**WEEDS CONTROLLED**

**DICAMBA DMA 4# AG**, when applied at recommended rates, will control many ANNUAL, BIENNIAL, and PERENNIAL broadleaf weeds commonly found in sugarcane. (Refer to GENERAL WEED LIST).

**RATES AND TIMINGS**

Application of **DICAMBA DMA 4# 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 DMA 4# AG** are given below. Use the higher level of listed rate ranges when treating dense vegetative growth.

<b>Weed Stage and Type</b>	<b>Amount Product</b>	<b>Broadcast Rate per Treated Acre lb of</b>
Annual		
Small, actively growing	½ - 1.0 pt	¼ - ½
Established weed growth	1.0 - 1 ½ pt	½ - ¾
Biennial	1.0 - 2.0 pt	½ - 1.0
Perennial	2.0 - 4.0 pt	1.0 - 2.0*

\* 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 ai) of **DICAMBA DMA 4# AG** per treated acre during a growing season.

**TANK MIX TREATMENTS**

**DICAMBA DMA 4# AG** may be tank mixed with one or more of 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 and other restrictions.

Herbicide	Rates per Treated Acre (lb ai)
Ametryn (Evik <sup>®</sup> )	2/5 – 8.0
Asulam (Asulox <sup>®</sup> )	2.0 – 3 1/3
atrazine	2/5 – 4.0
2,4-D	1/2 - 3.0*

\* Application of **DICAMBA DMA 4# AG** plus 2,4-D tank mix at the higher level rate ranges may result in crop injury.

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**PASTURE, HAY, RANGELAND, AND  
GENERAL FARMSTEAD (NON-CROPLAND)**

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**DICAMBA DMA 4# AG** herbicide is recommended for use on pasture, hay, rangeland, and general farmstead (non-cropland) (including fence rows and non-irrigation ditchbanks) for broadleaf weed and brush control. **DICAMBA DMA 4# 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 level. Observe all PRECAUTIONS, Read and follow MIXING AND APPLICATION instructions.

**DICAMBA DMA 4# AG** uses described in this section also pertain to small grains (forage sorghum, rye, sudangrass, or wheat) grown for pasture use only. Do not apply greater than 1 pint/A (0.5 lb ai/A) to small grains grown for pasture.

NEWLY SEEDED AREAS may be severely injured if rates are greater than 1 pint/A.

ESTABLISHED GRASS CROPS growing under stress can exhibit various injury symptoms that may be more pronounced if herbicides are applied. Bentgrass, carpetgrass, buffalograss, and St. Augustine grass may be injured at rates exceeding 1 pint **DICAMBA DMA 4# AG** (1/2 lb ai) per treated acre. Usually colonial bentgrasses are more tolerant than creeping types. Velvetgrasses are most easily injured. Treatments will kill or injure alfalfa, clovers, lespedeza, wild winter peas, vetch, and other legumes.

**TIMING RESTRICTIONS FOR LACTATING  
DAIRY ANIMALS FOLLOWING TREATMENT**

<u>DICAMBA DMA 4# AG</u> <u>Rate per Treated Acre</u>	<u>Days Before</u> <u>Grazing</u>	<u>Days Before</u> <u>Hay Harvest</u>
Up to 1 pint (1/2 lb ai)	7 days	37 days
Up to 1 quart (1 lb ai)	21 days	51 days
Up to 2 quarts (2 lb ai)	40 days	70 days

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

**MIXING AND APPLICATION**

**DICAMBA DMA 4# AG** can be applied using water, oil in water emulsions including invert systems, or sprayable fluid fertilizer as a carrier. A COMPATIBILITY TEST (see COMPATIBILITY TEST section) 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.



**TANK MIX TREATMENTS**

READ AND FOLLOW THE LABEL OF EACH TANK MIX PRODUCT USED FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES, AND OTHER RESTRICTIONS. **BANVEL** may be tank mixed with one or more of the following herbicides for control of grasses, additional broadleaf weeds, and woody brush and vines.

Herbicide	Rates per treated acre (lb ai)
Pasture, hay, rangeland, and General farmstead (non-cropland) use:	
glyphosate (Roundup*)	3/4 - 3 3/4
metsulfuron methyl (Ally)	0.0038 to 0.011
paraquat (Gramoxone)	1/2 - 1.0
picloram (Tordon*)	1/8 - 3.0
triclopyr (Garlon®)	3/4 - 9.0
2,4-D	1/4 - 6.0

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

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**CUT SURFACE TREE TREATMENTS**

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**DICAMBA DMA 4# AG herbicide** 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 DMA 4# 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 axe to girdle tree trunk. Spray or paint cut surface with the **DICAMBA DMA 4# 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 DMA 4# AG**/water mix.

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**DORMANT APPLICATIONS FOR CONTROL OF MULTIFLORA ROSE**

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**DICAMBA DMA 4# 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 DMA 4# AG** should be applied directly to the soil as close as possible to the root crown but within 6 to 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 DMA 4# AG** directly to the soil. The use rate of **DICAMBA DMA 4# AG** is dependent on the canopy diameter of the multiflora rose. Examples: Use **DICAMBA DMA 4# AG** at 1/4, 1.0, 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 DMA 4# AG** per acre per year. **LO-OIL BASAL BARK** applications of **DICAMBA DMA 4# AG** should be applied to the basal stem region from the ground line up to a height of 12 to 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 DMA 4# 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 of water plus 1 ounce emulsifier plus 1 pint **DICAMBA DMA 4# 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 final spray solution applied per acre per year.

**CONSERVATION RESERVE PROGRAM (CRP) ACRE**

**DICAMBA DMA 4# AG** is recommended for use on both newly seeded and established grasses grown in Conservation Reserve or Federal Set-A-Side Programs. Observe all PRECAUTIONS, MIXING AND APPLICATION directions.

**DICAMBA DMA 4# AG** treatment will injure 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 DMA 4# 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 DMA 4# 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 DMA 4# 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 DMA 4# AG** at rates exceeding 1 pint per treated acre.

**WEEDS CONTROLLED**

**DICAMBA DMA 4# AG**, when applied at recommended rates, will control many ANNUAL and BIENNIAL weeds and provide control or suppression of many perennial weeds. (Refer to GENERAL WEED LIST)

**RATES AND TIMINGS**

Application rates and timing of **DICAMBA DMA 4# AG** treatment are given on the column. 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.

<u>Weed Type* &amp; Stage</u>	<u>Broadcast Rate Per Treated Acre</u>	
	<u>Amount of Formulated DICAMBA DMA 4# AG - pints -</u>	<u>Equivalent lb ai</u>
<u>Annuals</u>		
Small actively growing	¼ - 1.0	1/8 - ½
Established weed growth	1.0	½
<u>Biennials**</u>		
Rosette diameter		
a) less than 3 inches	½ - 1.0	¼ - ½
b) 3 inches or greater	1.0 - 2.0	½ - 1.0
c) bolting biennial	2.0	1.0
<u>Perennials**</u>		
Suppression/Control	2.0	1.0

- \* For best results, treat biennial weeds with **DICAMBA DMA 4# AG** herbicide 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 ai)** of **DICAMBA DMA 4# AG** per treated acre during a 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 DMA 4# 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.**

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**ASPARAGUS**

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For Use Only in the States of California, Oregon and Washington.

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

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 DMA 4# AG** per treated acre per crop year.

**RATES AND TIMINGS**

Apply **DICAMBA DMA 4# 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.

<u>Weeds</u>	<u>Rate Per Treated Acre</u>
Mustard, Black	
Pigweed, Redroot (Carelessweed)	½ - 1.0 pt
Sowthistle, Annual	(1/4 - ½ lb ai)
* Thistle, Canada	
Thistle, Russian	
* Bindweed, Field	
Chickweed, Common	1.0 pt
Goosefoot, Nettleleaf	(1/2 lb ai)
Radish, Wild	
Thistle, Milk	

**DICAMBA DMA 4# 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 or Roundup Herbicide **PRODUCT LABELING FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES AND TIMINGS, AND OTHER RESTRICTIONS.**

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**TURF AND LAWNS**

**FOR USE IN GENERAL FARMSTEAD (NON-CROPLAND) AND SOD FARMS**

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**IMPORTANT**

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

To avoid injury to newly seeded grasses, application of **DICAMBA DMA 4# AG** should be delayed until after the second mowing. Furthermore, application rates in excess of 1 pint (1/2 lb ai) per treated acre may

**DICAMBA DMA 4# AG** may be applied broadcast using either ground or aerial application equipment. 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 2 to 40 gallons of diluted spray per treated acre in a water-based carrier.

**DICAMBA DMA 4# 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 runoff) 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 CONTROLLED**

**DICAMBA DMA 4# 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 DMA 4# AG** or **DICAMBA DMA 4# AG** plus 2,4-D. See the following RATES AND TIMINGS section.

**RATES AND TIMINGS**

Application rates and timing of **DICAMBA DMA 4# AG** are given on the following page. Use the higher level of listed rate ranges when treating dense or tall vegetative growth.

<u>Weed Stage &amp; Type</u>	<u>Amount Product</u>	<u>Broadcast rate per and treated acre (lb ai)</u>
<u>Annual</u>		
Small, actively growing	½ - 1.0 pt	¼ - ½
Established weed growth	1.0-1 ½ pt	½ - ¾
<u>Biennial<sup>1</sup></u>		
Rosette diameter		
Less than 3 inches	½ - 1.0 pt	¼ - ½
3 inches or more	1.0 – 2.0 qt	½-1.0
Bolting	2.0 pt	1.0
<u>Perennial</u>		
Suppression or top growth control	½ - 1.0 pt	½ – 1.0
Noted (*) perennials	1.0 qt	1.0*
<u>Woody Brush &amp; Vines</u>		
Top growth suppression	½ - 1.0 qt	½ - 1.0
Top growth control <sup>2</sup>	1.0 – 2.0 qt	1.0 – 2.0*
Stems and stem suppression	2.0 qt	2.0*

<sup>1</sup> For best performance, make application when Biennial weeds are in the rosette stage.  
<sup>2</sup> Species noted in GENERAL WEED LIST will require tank mixtures for adequate control.

- Rates above 1.0 lb ai/A are spot treatments only. **DO NOT** broadcast apply more than 1 lb ai/A per application.

Retreatments may be made as needed; however, **DO NOT** exceed a total of 2 quarts (2 lbs ai) of **DICAMBA DMA 4# AG** per treated acre during a growing season.

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 ¼ pint (1/8 lb ai) of **DICAMBA DMA 4# AG** per treated acre on coarse textured (sandy-type) soils, or in excess of ½ pint (1/4 lb ai) per treated acre on fine textured (clayey-type) soils. **DO NOT** make repeat applications in these areas for 30 days and until previous applications of **DICAMBA DMA 4# AG** have been activated in the soil by rain or irrigation.

**WEEDS CONTROLLED**

**DICAMBA DMA 4# AG**, when applied at recommended rates, will give control of many ANNUAL, BIENNIAL, and noted (\*) PERENNIAL broadleaf weeds commonly found in turf. **DICAMBA DMA 4# AG** will also give growth suppression of many other listed PERENNIAL broadleaf weeds and WOODY brush and vine species. (Refer to GENERAL WEED List.)

**MIXING AND APPLICATION**

Apply 30 to 200 gallons of diluted spray per treated acre (3 qt to 4 ¼ gal 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.

<u>Weed Stage &amp; Type</u>	<u>pints per treated acre</u>	<u>BANVEL lb ai per treated acre</u>	<u>teaspoons per 1000 sq ft</u>
<u>Annual</u>			
Small, actively growing	½ - 1.0	¼ - ½	1.0 - 2 ¼
Established weed growth	1.0 - 1 ½	½ - ¾	2 ¼ - 3 ¼
<u>Biennial Rosette diameter</u>			
Less than 3 inches	½ - 1.0	¼ - ½	1.0 - 2 ¼
3 inches or more	1.0 - 2.0	½ - 1.0	2 ¼ - 4 ½
<u>Perennials and Woody</u>			
<u>Brush and Vines</u>	1.0 - 2.0	½ - 1.0	2 ¼ - 4 ½

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 ai) **DICAMBA DMA 4# AG** per treated acre during a growing season.

**TANK MIX 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 DMA 4# AG** may be made with 2,4-D, MCPA, MCPP, or bromoxynil for control of additional weeds listed on the tank mix product label.

Apply 1/5 to a/2 pint (1/10 to ¼ lb ai) of **DICAMBA DMA 4# AG** per treated acre with ½ to 1 ½ lb acid equivalent of 2,4-D, MCPA, or MCPP, or with 3/8 to ½ lb ai 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 ai) of **DICAMBA DMA 4# AG** per treated acre during the growing season.

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**GRASS SEED CROPS**  
**GRASSES GROWN FOR SEED SUCH AS BERMUDA GRASS, BLUEGRASS, FESCUE, AND RYEGRASS**

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**IMPORTANT**

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

Refer to the 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 DMA 4# AG herbicide** 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 DMA 4# AG** be applied in a tank mix with other herbicides.

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

<sup>1</sup>Top growth only

**RATES AND TIMINGS**

Apply ½ to 1 pint of **DICAMBA DMA 4# AG** per treated acre on SEEDLING GRASS after the crop reaches the 3 to 5 leaf stage. Apply up to 2 pints of **DICAMBA DMA 4# 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 to 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 DMA 4# 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 DMA 4# AG** with:

<u>Product</u>	<u>Active Ingredient</u>	<u>Amount of Product</u>	
		<u>Formulation</u>	<u>Per Treated Acre</u>
2,4-D amine or ester	2,4-D	4.0 lb/gal	1.0 – 4.0 pt (.5-2.0 lb ai/A) <sup>1</sup>
MCPA amine	MCPA	4.0 lb/gal	1.0 – 2.0 pt

			(.5-1.0 lb ai/A) <sup>1</sup>
Buctril®	bromoxynil <sup>2</sup>	2.0 lb/gal	1.0-2.0 pt
Curtail®	clopyralid + 2,4-D	2.38 lb/gal	1 ¾-4.0 pt
Karmex®	diuron <sup>1</sup>	80%DF	2.0-4.0 lb
Stinger®	clopyralid	3.0 lb/gal	¼ - 1.0 pt

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

<sup>2</sup> Herbicides with the same common name and/or different formulations may be used.

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### ANNUAL GRASS CONTROL

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For suppression of ANNUAL GRASS WEEDS such as:

Brome, Downy (Cheatgrass)  
 Brome, Rippgut  
 Fescue, Rattail  
 Windgrass

Apply up to 2 pints of **DICAMBA DMA 4# 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.

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

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**IMPORTANT:** Observe all precautions. Read and follow mixing and application instructions.

#### WEEDS CONTROLLED

**DICAMBA DMA 4# AG** may be applied alone or in tank mix combinations with other herbicides registered for this use. **DICAMBA DMA 4# 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 DMA 4# AG**, when applied at the recommended rates, will control many ANNUAL broadleaf weeds, see the WEEDS CONTROLLED section under SMALL GRAINS. In addition, **DICAMBA DMA 4# AG** will control or suppress the following BIENNIAL and PERENNIAL broadleaf weeds:

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

<sup>1</sup>PERENNIALS may be controlled using **DICAMBA DMA 4# AG** at rates lower than those recommended for other listed PERENNIAL weeds. (See RATES AND TIMINGS under this heading).

<sup>2</sup>See the SPECIAL TANK MIX TREATMENTS section under this heading for specific control programs for these weeds.

**RATES AND TIMINGS**

Apply **DICAMBA DMA 4# 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 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 herbicide's 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 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 DMA 4# AG herbicide**. For seedling control, a follow-up program or other cultural practices could be instituted. For small grain in-crop uses of **DICAMBA DMA 4# AG**, see the **RATES AND TIMINGS** section under the **SMALL GRAINS** heading for details.

**DICAMBA DMA 4# AG RATES PER TREATED ACRE.**

<u>Weed Type</u>	<u>Amount of Product Per Treated Acre</u>
Annual	½-1.0 pt (8.0 – 16.0 fl oz)
Biennial	1.0-2.0 pt (16.0 – 32.0 fl oz)
Perennial	1.0-2.0 pt (16.0 – 32.0 fl oz)
Perennial suppression	1.0-2.0 pt (16.0 – 32.0 fl oz)
Noted (¹) perennials	2.0 pt (32.0 fl oz)
Other perennials	2.0 pt (32.0 fl oz)

Retreatments may be made as needed; however, **DO NOT** exceed a total of 4 pints of **DICAMBA DMA 4# AG** per treated acre during any given fallow period.

**TANK MIX TREATMENTS**

**DICAMBA DMA 4# AG** may be tank mixed with one or more of 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 DMA 4# AG BROADCAST RATE PER TREATED ACRE FOR ANNUAL WEED CONTROL:**

Apply ¼ to 1 pint **DICAMBA DMA 4# AG** with:

<b>Product</b>	<b>Active Ingredient</b>	<b>Formulation</b>	<b>Amount of Product Per Acre</b>
Aatrex® 4L <sup>1</sup>	atrazine	4.0 lb/gal	0.5 – 6.0 pt
Aatrex® Nine-O® <sup>1</sup>	atrazine	90%DF	0.5 – 3.3 lb
Ally® <sup>2</sup>	metsulfuron-methyl	75%DF	0.1 oz
Amber® <sup>2</sup>	triasulfuron	75%DF	0.28-0.35 oz
Bladex® <sup>1</sup>	cyanazine	90%DF	2.7 – 3.6 oz
Cyclone®	paraquat	2.0 lb/gal	1.0 – 2.0 pt
Fallow Master®	glyphosate + Dicamba	1.6 lb/gal	22.0 - 44.0 fl oz
Finesse® <sup>2</sup>	chlorsulfuron + metsulfuron-methyl	75%DF	0.2 oz



Gramoxone® Extra	paraquat	2.5 lb/gal	1.5 pt
Kerb® <sup>1</sup>	pronamide	50-W	0.5 – 1.0 lb
Landmaster® BW	glyphosate + 2,4-D	2.4 lb/gal	27.0-54.0 fl oz
Roundup or Roundup RT	glyphosate	3.0 lb/gal	8.0-48.0 fl oz
Sencor® DF <sup>1</sup>	metribuzin	75%DF	0.5 – 1.0 lb
Sencor® 4 <sup>1</sup>	metribuzin	4.0 lb/gal	0.75 – 1 ½ pt
2,4-D	2,4-D	4.0 lb/gal	1.0-2.0 pt (0.5-1.0 lb ai/A) <sup>3</sup>

- <sup>1</sup>Tank mixes of **DICAMBA DMA 4# AG** with these products may be subject to special restrictions. See the product label of the tank mix partner for intended use rates, restrictions. See the product label of the tank mix partner for intended use rates, restrictions, and other precautions.
- <sup>2</sup> When 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 to 2 quarts/100 gallons of spray or not more than 0.25 to 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 DMA 4# AG** and a sulfonylurea, refer to the **DICAMBA DMA 4# AG** tank mix section for alternative tank mixes.
- <sup>3</sup> When using formulations other than 4 lb/gal use pounds active/acre listed.

**DICAMBA DMA 4# AG BROADCAST RATE PER TREATED ACRE FOR BIENNIAL AND PERENNIAL WEED CONTROL:**

Apply 1 to 2 pints of BANVEL with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
Curtail®	clopyralid +2,4-D	2.38 lb/gal	2.0-4.0 pt
2,4-D	2,4-D	4.0 lb/gal (1.0 – 3.0 lb ai/A) <sup>1</sup>	2.0-6.0 pt
Landmaster® BW	glyphosate +2,4-D	2.4 lb/gal	54.0 fl oz
Roundup®	glyphosate	3.0 lb/gal	1.0-5.0 qt
Roundup RT	glyphosate	3.0 lb/gal	1.0-5.0 qt
Tordon® 22K	picloram	2.0 lb/gal	½-1.0 pt

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

**SPECIAL TANK MIX TREATMENTS**

For suppression of PERENNIAL weeds, apply ½ to 1 pint of **DICAMBA DMA 4# AG** with 8 to 16 fluid ounces of Roundup Herbicide or Roundup TR per treated acre.

For wild garlic control, apply 1 pint **DICAMBA DMA 4# 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 DMA 4# AG**, **DICAMBA DMA 4# AG** plus Curtail, or **DICAMBA DMA 4# AG** plus Roundup herbicide 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 DMA 4# AG** with ½ to 1 lb Kerb 50-W. 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 DMA 4# AG** plus Landmaster BW or Fallow Master Herbicide to give improved control of kochia, wild buckwheat, prickly lettuce, field bindweed, and Canada thistle. Use 1/8 to ¼ pint of **DICAMBA DMA 4# AG** plus 22 to 54 fluid ounces of Landmaster BW or Fallow Master Herbicide for annual weed control or ¼ to ½ pint **DICAMBA DMA 4# AG** plus 22 to 54 fluid ounces of Landmaster BW or Fallow Master Herbicide for perennial weed suppression.

### CROPPING RESTRICTIONS

The following recommendations are based on **DICAMBA DMA 4# 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 the 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 DMA 4# AG** herbicide per treated acre. In areas with less than 30 inches of rainfall, delay planting for 45 days per pint of **DICAMBA DMA 4# AG** per treated acre. Exclude days when ground is frozen. 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 DMA 4# AG** per treated acre or 1.25 days per 1 ounce. Moisture is essential for **DICAMBA DMA 4# AG** per treated acre or 3 days per ounce. Moisture is essential for **DICAMBA DMA 4# AG** degradation. Exclude days when ground is frozen. West of the Mississippi River, the interval is 45 days per pint of **DICAMBA DMA 4# AG** per treated acre or 3 days per ounce. Moisture is essential for **DICAMBA DMA 4# 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.

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

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**IMPORTANT:** Observe all PRECAUTIONS. 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 DMA 4# AG** per year.

#### WEEDS CONTROLLED

**DICAMBA DMA 4# AG**, when applied at recommended rates, will control many broadleaf weeds including:

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

#### RATES AND TIMINGS

**DICAMBA DMA 4# 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 pts (1 lb ai) of **DICAMBA DMA 4# 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.

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**WIPER APPLICATION USES**

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**IMPORTANT:** Observe all PRECAUTIONS.

**DICAMBA DMA 4# AG** may be applied through wiper application equipment to control or suppress actively growing broadleaf weeds, brush and vines. Use a solution contain 1 part **DICAMBA DMA 4# 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 waster disposal facility.

**CONTAINER DISPOSAL**

Nonrefillable Container: **DO NOT** reuse or refill this container. Triple rinse or pressue rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Triple rinse containers small enough to shake (capacity ≤ 5 gallons) as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Triple rinse containers too large to shake (capacity > 5 gallons) as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank, or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Refillable Container. Refill this container with pesticide only. **DO NOT** reuse this container for any other purpose. Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

Triple rinse as follows: To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

**BULK STORAGE AND DISPOSAL  
AGITATE BEFORE USE**

**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 within 50 feet of all wells including abandoned wells, drainage wells, and sinkholes.

**STORAGE:** Groundwater 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 of the Resource Conservation and Recovery Act.

**BULK TANK MAINTENANCE:** Follow clean-out directions in the Dealer Bulk Handling Guide for **DICAMBA DMA 4# AG** listed under Bulk Storage Tank Requirements.

**GENERAL:** Consult federal, state, or local disposal authorities for approved alternative procedures, such as limited burning.

**Warranty and Disclaimer Statement**

The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Such risks may arise from weather conditions, soil factors, off-target movement, unconventional farming techniques, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of Arysta LifeScience North America, LLC ("Arysta"), and can cause crop injury, injury to non-target crops or plants, ineffectiveness of the product, or other unintended consequences. All such risks shall be assumed by the user or buyer. Arysta warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions. This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to Arysta, and is subject to the inherent risks described above.

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