



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

February 7, 2020

Annette M. Bloomberg  
Regulatory Product Manager  
Bayer CropScience  
P.O. Box 12014, 2. T.W. Alexander Drive  
Research Triangle Park, NC 27709

Subject: Registration Review Label Mitigation for Metsulfuron  
Product Name: Cimarron Max Herbicide  
EPA Registration Number: 432-1555  
Application Date: November 9, 2017  
Decision Number: 554523

Dear Ms. Bloomberg:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the Registration Review of the above referenced product in connection with the Metsulfuron Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

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EPA Reg. No. 432-1555  
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If you have any questions about this letter, please contact Srijana Shrestha by phone at 703-305-6471, or via email at [Shrestha.srijana@epa.gov](mailto:Shrestha.srijana@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to be 'Linda Arrington', with a stylized flourish at the end.

Linda Arrington, Branch Chief  
Risk Management and Implementation Branch 4  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

Enclosure

GROUP

2 &amp; 4

HERBICIDE

# CIMARRON® MAX HERBICIDE

A Two Part Product for Use on Pastures, Rangeland, Grass Hay Fields, or CRP

**CIMARRON® MAX PART A HERBICIDE PLUS**  
**CIMARRON® MAX PART B HERBICIDE**

ACCEPTED

Feb 07, 2020

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 432-1555

## Active Ingredients

By Weight

Metsulfuron-Methyl*	
Methyl 2-[[[(4-methoxy-6-methyl-1,3,5-triazin-2yl)amino]carbonyl]amino]sulfonyl]benzoate	0.75%
Dimethylamine salt of dicamba (3,6-dichloro-o-anisic acid)**	12.25%
Dimethylamine salt of 2,4-dichloro-phenoxyacetic acid***	35.25%
Other Ingredients	51.75 %
<b>TOTAL</b>	<b>100.0%</b>

\* CIMARRON® MAX PART A HERBICIDE contains 60% metsulfuron methyl (methyl 2-[[[(4-methoxy-6-methyl -1,3,5-triazin-2yl)amino]carbonyl]amino]sulfonyl]benzoate

\*\* CIMARRON® MAX PART B HERBICIDE contains 10.3% 3,6-dichloro-o-anisic acid (dicamba) or 1 pound per gallon (120 g/L)

\*\*\* CIMARRON® MAX PART B HERBICIDE contains 29.6% 2,4-dichlorophenoxyacetic acid (2,4-D) or 2.87 pounds per gallon (344 g/L). Isomer specific by AOAC method 978.05, 15th Edition

EPA Reg. No. 432-1555

EPA Establishment No. \_\_\_\_\_

Nonrefillable Container

Net: \_\_\_\_\_

OR

Refillable Container

Net: \_\_\_\_\_

## KEEP OUT OF REACH OF CHILDREN DANGER PELIGRO

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

See [Back][Side] Panel for First Aid Instructions and [Leaflet][Booklet] for Complete Precautionary Statements and Directions for Use. (Note to reviewer: Location of additional precautionary statements, directions for use will vary between those listed, depending on container type/size.)

### FIRST AID

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

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

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

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

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-334-7577 for medical emergencies involving this product.

# PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### DANGER! CAUSES EYE DAMAGE.

Corrosive. Causes irreversible eye damage. Harmful if swallowed or absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin.

## PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are butyl rubber, natural rubber, neoprene or nitrile rubber.

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

- Long-sleeved shirt and long pants
- Shoes and socks
- Face shield or goggles
- Chemical resistant gloves (except for pilots)
- Chemical resistant apron when mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate

### *See engineering controls for additional requirements.*

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

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

## USER SAFETY RECOMMENDATIONS

**Users should:** Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing/PPE immediately if pesticide gets inside. If pesticide gets on skin, wash immediately with soap and water. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## ENVIRONMENTAL HAZARDS

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

### SURFACE WATER ADVISORY

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having high potential for reaching surface water via runoff for weeks after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of metsulfuron-methyl from runoff water and sediment. Runoff of this product will be greatly reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

### GROUNDWATER ADVISORY

Metsulfuron-methyl is known to leach through soil into groundwater under certain conditions as a result of label use. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

### NON-TARGET ORGANISM ADVISORY

This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated area. Protect the forage and habitat of non-target organisms by minimizing spray drift. For further guidance and instructions on how to minimize spray drift, refer to the Spray Drift Management section of this label.

### WINDBLOWN SOIL PARTICLES

CIMARRON® MAX HERBICIDE has the potential to move off-site due to wind erosion. Soils that are subject to wind erosion usually have a high silt and/or fine to very fine sand fractions and low organic matter content. Other factors which can affect the movement of windblown soil include the intensity and direction of prevailing winds, vegetative cover, site slope, rainfall, and drainage patterns. Avoid applying CIMARRON® MAX HERBICIDE if prevailing local conditions may be expected to result in off-site movement.

## 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 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- 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

CIMARRON® MAX HERBICIDE must be used only in accordance with directions on this label or in separate published BAYER CROPS SCIENCE LP directions. BAYER CROPS SCIENCE LP will not be responsible for losses or damages resulting from the use of this product in any manner not specified by BAYER CROPS SCIENCE LP.

### PRODUCT INFORMATION

CIMARRON® MAX HERBICIDE is registered for use on land primarily dedicated to the production of grass forage in rangeland, pastures, grass hay fields, or grasses in the Conservation Reserve Program (CRP). This product may also be used on selected uncultivated areas (fence rows, farmyards, and rights-of-way) directly adjacent to, or which transect or pass through, treated pastures, grass hay fields, rangeland, or CRP, where grazing or harvesting for animal feed of those uncultivated areas may occur. Check with your state extension or Department of Agriculture before use, to be certain CIMARRON® MAX HERBICIDE is registered in your state. Do not use CIMARRON® MAX HERBICIDE in the following counties of Colorado: Alamosa, Conejos, Costilla, RioGrande, and Saquache.

CIMARRON® MAX HERBICIDE is a broad spectrum herbicide for the control and suppression of broadleaf weeds and brush. CIMARRON® MAX HERBICIDE consists of a dry-flowable granular CIMARRON® MAX PART A HERBICIDE and a liquid CIMARRON® MAX PART B HERBICIDE. To avoid a reduction in weed or brush control/suppression and/or avoid the potential for grass injury, tank mix CIMARRON® MAX PART A HERBICIDE and CIMARRON® MAX PART B HERBICIDE together according to the mixing instructions in this label and apply according to the directions given in this label. A spray adjuvant must be used in the spray mix unless otherwise specified on this label.

CIMARRON® MAX HERBICIDE controls weeds by preemergence and postemergence activity. For best results, apply CIMARRON® MAX HERBICIDE to young, actively growing weeds. Weeds hardened off by cold weather or drought stress may not be controlled. The use rate depends upon the weed spectrum and size of weeds at application. The degree and duration of control may depend on the following factors:

- Weed spectrum and infestation intensity
- Weed size and maturity at application
- Environmental conditions during and following treatment
- Application rate and coverage

It is permissible to treat intermittently flooded low lying sites, seasonally dry flood plains and transitional areas between upland and lowland sites when no water is present. It is also permissible to treat marshes, swamps, and bogs after water has receded as well as seasonally dry flood deltas. DO NOT make applications to natural or man-made bodies of water such as lakes, reservoirs, ponds, streams and canals.

### BIOLOGICAL ACTIVITY

CIMARRON® MAX HERBICIDE is absorbed through the foliage and roots of broadleaf weeds, rapidly inhibiting their growth. The effects of CIMARRON® MAX HERBICIDE may be seen on plants from within a few hours to a few days. The most noticeable symptom is bending and twisting of stems and leaves. Other symptoms include leaf discoloration, leaf-cupping, stem thickening, growth stunting,

calloused stems and leaf veins, and enlarged roots. The final effects on annual weeds are evident about 4 to 6 weeks after application. The ultimate effects on perennial weeds and woody plants occur in the growing seasons following application.

One to two inches of rainfall or sprinkler irrigation (enough to wet the top 2-3 inches of soil profile) may be needed to move CIMARRON® MAX HERBICIDE into the weed root zone before the next flush of weeds emerge. The amount of moisture required for sufficient activation increases with crop or weed residue and for finer textured soils. Without sufficient rainfall or sprinkler irrigation to move CIMARRON® MAX HERBICIDE into the weed root zone, weeds that germinate after treatment will not be controlled.

Application of CIMARRON® MAX HERBICIDE provides the best control in vigorously growing grasses that shade competitive weeds. Weed control in areas of thin grass may not be as satisfactory. However, a grass canopy that is too dense at application can intercept spray and reduce weed control.

CIMARRON® MAX HERBICIDE is safe to grasses under normal conditions. However, grasses that are stressed from adverse environmental conditions (such as extreme temperatures or moisture), abnormal soil conditions, or cultural practices may be injured by applications of CIMARRON® MAX HERBICIDE. In addition, different species of grass may be sensitive to treatment with CIMARRON® MAX HERBICIDE under otherwise normal conditions (see grass precautions under PASTURES, RANGELAND, AND GRASS HAY FIELDS). Application of CIMARRON® MAX HERBICIDE to these species may result in injury.

In warm, moist conditions, the expression of herbicide symptoms is accelerated in weeds and brush; in cold, dry conditions, expression of herbicide symptoms is delayed. In addition, weeds and brush hardened-off by drought stress are less susceptible to CIMARRON® MAX HERBICIDE. Weed and brush control or suppression may be reduced if rainfall, snowfall, or sprinkler irrigation occurs within 4 hours after application.

Weed control should be part of an overall management plan which includes good fertility, adequate moisture (rainfall, irrigation), insect and rodent control, and other agronomic practices that maximize grass growth. Consult your state cooperative extension service, local agricultural dealer, professional consultant, or other qualified authority for specific instructions regarding proper management of rangeland, pastures, and grass hay fields.

## IMPORTANT RESTRICTIONS

- Do not apply this product through any type of irrigation system.
- Injury to or loss of desirable trees or vegetation may result from failure to observe the following:
- Do not apply, drain, or flush equipment on or near desirable trees or other plants, or on areas where their roots extend, or in locations where the chemical may be washed or moved into contact with their roots.
- Do not use on lawns, walks, driveways, tennis courts, golf courses, athletic fields, commercial sod operations, or other high-maintenance, fine turfgrass areas, or similar areas.
- Do not use on grasses grown for seed.
- Do not contaminate irrigation ditches or water used for domestic purposes.
- Do not apply to irrigated land where the tailwater will be used to irrigate crops.
- Do not apply to frozen or snow covered ground as surface runoff may occur.
- To reduce the potential for movement of treated soil due to wind erosion, do not apply to powdery dry or light sandy soils until they have been stabilized by rainfall, trashy mulch, reduced tillage, or other cultural practices. Injury to immediately adjacent crops may occur when treated soil is blown onto land used to produce crops other than pasture, rangeland, or CRP.
- If tank mixing or sequentially applying products containing metsulfuron methyl, do not apply more than the equivalent of 1 ounce of metsulfuron methyl active ingredient per acre per year.
- If tank mixing or sequentially applying products containing 2,4-D, do not apply more than the equivalent of 4 pounds acid equivalent of 2,4-D active ingredient per acre per year.
- If tank mixing or sequentially applying products containing dicamba, do not apply more than 1 pound acid equivalent of dicamba per acre per application or 2 pounds per acre per year.

## IMPORTANT PRECAUTIONS

- CIMARRON® MAX HERBICIDE may cause injury to desirable trees and plants when contacting their roots, stems, or foliage. These plants are most sensitive to CIMARRON® MAX HERBICIDE during their development or growing stage.
- Grass species or varieties may differ in their response to various herbicides. BAYER CROPS SCIENCE LP recommends that you first consult your state experiment station, university, or extension agent as to sensitivity to any herbicide. If no information is available, limit the initial use of CIMARRON® MAX HERBICIDE to a small area.
- Under certain conditions such as heavy rainfall, high pH, prolonged cold weather, or wide fluctuations in day/night temperatures prior to or soon after CIMARRON® MAX HERBICIDE application, temporary discoloration and/or grass injury may occur. CIMARRON® MAX HERBICIDE should not be applied to grass that is stressed by severe weather conditions, drought, low fertility, water-saturated soil, disease, or insect damage, as grass injury may result. Severe winter stress, drought, disease, or insect damage before or following application also may result in grass injury.
- Applications may make some toxic plants more palatable as the weeds are dying. Do not graze treated areas until toxic plants are dry and unpalatable to livestock.
- Applications of CIMARRON® MAX HERBICIDE to pastures, rangeland, or CRP undersown with legumes may cause severe injury to the legumes.



- Applications made where runoff water flows onto agricultural land may injure crops. Applications made during periods of intense rainfall, to soils saturated with water, or soils through which rainfall will not readily penetrate may result in runoff and movement of CIMARRON® PLUS HERBICIDE. Treated soil should be left undisturbed to reduce the potential for CIMARRON® PLUS HERBICIDE movement by soil erosion due to wind or water.
- For ground applications applied to weeds when dry, dusty field conditions exist, control of weeds in wheel track areas may be reduced.
- Avoid disturbing (e.g., mowing) treated areas for at least 7 days following application.

## INVASIVE SPECIES MANAGEMENT

This product may be considered for use on public, private, and tribal lands to treat certain weed species infestations that have been determined to be invasive, consistent with the Federal Interagency Committee for the Management of Noxious and Exotic Weeds (FICMNEW) National Early Detection and Rapid Response (EDRR) System for invasive plants. Effective EDRR systems address invasions by eradicating the invader where possible, and controlling them when the invasive species is too firmly established to be feasibly eradicated. Once an EDRR assessment has been completed and action is recommended, a Rapid Response needs to be taken to quickly contain, deny reproduction, and if possible eliminate the invader. Consult your appropriate state extension service, forest service, or regional multidisciplinary invasive species management coordination team to determine the appropriate Rapid Response provisions and allowed treatments in your area.

## WEED RESISTANCE MANAGEMENT

CIMARRON® MAX HERBICIDE contains the active ingredients metsulfuron-methyl a Group 2 Herbicide and dicamba and 2,4-D which are Group 4 Herbicides based on the mode of action classification system of the Weed Science Society of America. When herbicides that affect the same biological site of action are used repeatedly over several years to control the same weed species in the same field, naturally-occurring resistant biotypes may survive a correctly applied herbicide treatment, propagate, and become dominant in that field. Adequate control of these resistant weed biotypes cannot be expected.

Follow the best management practices listed below to delay the development of herbicide resistant weeds.

- Fields should be scouted prior to application to identify the weed species present and their growth stage to determine if the intended application will be effective. Fields should be scouted after application to verify that the treatment was effective.
- Identify weeds present in the field through scouting and field history and understand their biology. The weed-control program should consider all of the weeds present.
- Suspected herbicide-resistant weeds may be identified by these indicators:
  - Failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds;
  - A spreading patch of non-controlled plants of a particular weed species; and
  - Surviving plants mixed with controlled individuals of the same species.
- Contact your local sales representative, crop advisor, or extension agent to find out if suspected resistant weeds to this MOA have been found in your region. If resistant biotypes of target weeds have been reported, use the application rates of this product specified for your local conditions. Tank mix products so that there are multiple effective mechanisms of actions for each target weed.
- Report any incidence of non-performance of this product against a particular weed species to your Bayer distributor, Bayer representative or call 1-800-331-2867.
- If resistance is suspected, treat weed escapes with an herbicide having a different mechanism of action and/or use non-chemical means to remove escapes, as practical, with the goal of preventing further seed production.
- Use a diversified approach toward weed management. Whenever possible incorporate multiple weed-control practices such as mechanical cultivation, biological management practices, and crop rotation.
- To the extent possible, do not allow weed escapes to produce seeds, roots, or tubers.
- Difficult to control weeds may require sequential applications of herbicides with differing mechanisms of action.
- Apply this herbicide at the correct timing and rate needed to control the most difficult weeds in the field.
- Use a broad spectrum soil-applied herbicide with a mechanism of action that differs from this product as a foundation in a weed-control program.
- Do not use more than two applications of this or any other herbicide with the same mechanism of action within a single growing season unless mixed with an herbicide with another mechanism of action with an overlapping spectrum for the difficult-to-control weeds.

## INTEGRATED PEST MANAGEMENT

This product may be used as part of an Integrated Pest Management (IPM) program that can include biological, cultural, and genetic practices aimed at preventing economic pest damage. IPM principles and practices include field scouting or other detection methods, correct target pest identification, population monitoring, and treating when target pest populations reach locally determined action thresholds. Consult your state cooperative extension service, professional consultants or other qualified authorities to determine appropriate action treatment threshold levels for treating specific pest/crop systems in your area.

## LABELED USES

### PASTURES, RANGELAND, AND GRASS HAY FIELDS

#### Use Rates

CIMARRON® MAX HERBICIDE is a 2 part product used in a ratio of 5 ounces of CIMARRON® MAX PART A HERBICIDE to 2.5 gallons of CIMARRON® MAX PART B HERBICIDE which will treat 5 (Rate III), 10 (Rate II), or 20 (Rate I) acres of pasture and rangeland as a broadcast application. Refer to the following table for acres treated by the respective CIMARRON® MAX HERBICIDE rate.

<b>CIMARRON® MAX HERBICIDE Rate</b>	<b>CIMARRON® MAX PART A HERBICIDE Rate (oz/A)</b>	<b>CIMARRON® MAX PART B HERBICIDE Rate (pts/A)</b>	<b># of acres treated with 5 oz PART A + 2.5 gal PART B</b>
Rate I	0.25	1	20
Rate II	0.50	2	10
Rate III*	1	4	5

\*(Corresponds to 0.0375 pounds of the active ingredient metsulfuron-methyl, 0.50 pounds of the active ingredient dicamba, and 1.44 pounds of the active ingredient 2,4-D) per acre per year.

Intermediate rates of CIMARRON® MAX HERBICIDE may be used, for example:

Rate 1.5: CIMARRON® MAX PART A HERBICIDE at 0.33 ounces/A plus CIMARRON® MAX PART B HERBICIDE at 1.33 pints/A which will treat 15 acres when mixing 5 ounces CIMARRON® MAX PART A HERBICIDE + 2.5 gallons CIMARRON® MAX PART B HERBICIDE. Refer to the Rate I Section of the "Weeds Controlled or Suppressed" chart on this label for the weeds or brush that are controlled or suppressed at this intermediate rate.

Rate 2.5: CIMARRON® MAX PART A HERBICIDE at 0.66 ounce/A plus CIMARRON® MAX PART B HERBICIDE at 2.64 pints/A which will treat 7.5 acres when mixing 5 ounces CIMARRON® MAX PART A HERBICIDE + 2.5 gallons CIMARRON® MAX PART B HERBICIDE. Refer to the Rate II Section of the "Weeds Controlled or Suppressed" chart on this label for the weeds or brush that are controlled or suppressed with this intermediate rate.

Do not make more than 2 applications per year. Minimum spray interval between applications is 30 days. Do not apply more CIMARRON® MAX HERBICIDE than the equivalent of 1.67 ounces of CIMARRON® MAX PART A HERBICIDE (0.06 pounds of the active ingredient metsulfuron-methyl) per acre per year.



## Application Timing

CIMARRON® MAX HERBICIDE may be used on established native grasses such as bluestems and grama, and on other pasture grasses such as bermudagrass, bluegrass, orchardgrass, brome grass (except Matua brome grass), fescue and timothy. CIMARRON® MAX HERBICIDE may also be applied to established grasses that have been inter-seeded with cereal grasses for grazing. Specific application information on several of these pasture grasses follows:

Pasture Grass	Minimum time from grass establishment to CIMARRON® MAX HERBICIDE application
Bermudagrass	2 months
Bluegrass, brome grass (except Matua brome grass), and orchardgrass	6 months
Timothy	12 months
Fescue	24 months

## Buffalograss Precautions:

Applications of CIMARRON® MAX HERBICIDE may injure buffalograss that is stressed due to adverse environmental and/or other conditions. Do not use CIMARRON® MAX HERBICIDE on buffalograss that has been established for less than one year or on stands grown for seed production. Do not apply more than Rate II of CIMARRON® MAX HERBICIDE to buffalograss.

## Fescue Precautions:

Note that CIMARRON® MAX HERBICIDE may temporarily stunt fescue, cause it to turn yellow, or cause seedhead suppression. To minimize these symptoms, take the following precautions:

- Do not use more than Rate I of CIMARRON® MAX HERBICIDE.
- Use a non-ionic surfactant at 0.5 to 1 pint per 100 gallons of spray solution (0.0625 to 0.125% v/v).
- Make application later in the spring after the new growth is 5 to 6 inches tall, or in the fall.
- Do not use surfactant when liquid nitrogen is used as a carrier.
- Do not use a spray adjuvant other than non-ionic surfactant.

The first cutting yields may be reduced due to seedhead suppression resulting from treatment with CIMARRON® MAX HERBICIDE.

## Timothy Precautions:

Timothy should be at least 6" tall at application and be actively growing. Applications of CIMARRON® MAX HERBICIDE to timothy under any other conditions may cause crop yellowing and/or stunting. To minimize these symptoms, take the following precautions:

- Do not use more than Rate I of CIMARRON® MAX HERBICIDE.
- Use a non-ionic surfactant at 0.5 pint per 100 gallons (0.0625% v/v).
- Make applications in the late summer or fall.
- Do not use surfactant when liquid nitrogen is used as a carrier.
- Do not use a spray adjuvant other than non-ionic surfactant.

## Other Pasture and Rangeland Grasses:

Do not use on bentgrass or susceptible grass pastures such as carpetgrass, Matua brome grass, or St. Augustine grass. Application of CIMARRON® MAX HERBICIDE to Pensacola bahiagrass, ryegrass (Italian or perennial), and Garrison's creeping foxtail may cause severe injury to and/or loss of pastures.

Varieties and species of forage grasses differ in their tolerance to herbicides. When using CIMARRON® MAX HERBICIDE on a particular grass for the first time, limit use to a small area. If no injury occurs throughout the season, larger acreage may be treated the following season.

## CONSERVATION RESERVE PROGRAM (CRP)

### CIMARRON® MAX HERBICIDE

is recommended for the control or suppression of broadleaf weeds in established stands (planted previous year or earlier) of the following perennial native or improved grasses grown on land enrolled in the Conservation Reserve Program (CRP):

Blue Grama	Indiangrass	Sideoats grama	Siberian
Bluestems -	Kleingrass	Switchgrass -	slender
big	Lovegrasses -	Blackwell	streambank
little	atherstone	Wheatgrasses -	tall
plains	sand	bluebunch	thickspike
sand	weeping	crested	western
WW spar	wilman	intermediate	Wildrye grass -
Green sprangletop	Orchardgrass	pubescent	Russian

CIMARRON® MAX HERBICIDE may be applied postemergence at Rate I or Rate II to labeled grasses listed above that were planted the previous season and are fully tillered.

Because some CRP grass stands may not sufficiently compete with weeds and because weed pressure in CRP fields is often severe, performance from CIMARRON® MAX HERBICIDE may not always be satisfactory. An additional herbicide application or mowing may be needed.

### **SPOT APPLICATIONS**

CIMARRON® MAX HERBICIDE may be used for suppression of weeds and brush on the WEEDS CONTROLLED OR SUPPRESSED list using spot applications or Individual Plant Treatments (IPT) in rangeland, pastures, grass hay fields, or acres enrolled in the Conservation Reserve Program (CRP) and/or for undesirable vegetation in uncultivated areas (fence rows, farmyards, and rights-of-way) which are adjacent to, or pass through or transect, treated rangeland, pastures, grass hay fields or CRP.

### **Use Rates for Spot Applications**

For spot applications, mix Rate III of CIMARRON® MAX HERBICIDE (1 ounce Part A plus 4 pints Part B) per 100 gallons of water. Include a spray adjuvant (see SPRAY ADJUVANTS section). A dye may be added to the tank to help mark plants that have been sprayed. Thorough coverage of all foliage and stems is necessary to optimize results. Spray entire canopy to wet but not to the point of dripping. On tall, dense stands, it is often necessary to spray from all sides to obtain adequate coverage.

### **Application Timing for Spot Applications**

Make a foliar application of CIMARRON® MAX HERBICIDE during the period from full leaf expansion in the spring until the development of fall coloration. Spot applications may be made using equipment such as back pack, ATV, or hand sprayers. Use an adjustable conejet nozzle with an orifice size of X6 to X12 or equivalent. The application volume required will vary with the height and density of the weeds or brush and the application equipment used.

### **SPRAY ADJUVANTS**

Unless otherwise directed, applications of CIMARRON® MAX HERBICIDE must include either an oil concentrate or a nonionic surfactant. In addition, an ammonium nitrogen fertilizer can be used unless specifically prohibited by tank mix partner labeling. Antifoaming agents may be used if needed. If another herbicide is tank mixed with CIMARRON® MAX HERBICIDE, select adjuvants authorized for use with both products. Products must contain only EPA-exempt ingredients (40 CFR 1001).

### **Crop Oil Concentrate (COC) or Modified Seed Oil (MSO)**

- Apply at 1% v/v (1 gallon per 100 gallon spray solution) or 2% under arid conditions.
- MSO adjuvants may be used at 0.5% v/v (0.5 gallon per 100 gallons spray solution) if specifically noted on adjuvant product labeling.
- Oil adjuvants must contain at least 80% high quality, petroleum (mineral) or modified vegetable seed oil with at least 15% surfactant emulsifiers.

### **Nonionic Surfactant (NIS)**

- Apply at 0.25% v/v (1 quart per 100 gallons spray solution) or 0.5% under arid conditions.
- Surfactant products must contain at least 60% nonionic surfactant with a hydrophilic/lipophilic balance (HLB) greater than 12.
- On fescue and timothy pastures use only NIS at a more limited rate. See Fescue or Timothy Precautions.

### **Ammonium Nitrogen Fertilizer**

An ammonium nitrogen fertilizer can be added to NIS, COC, or MSO and may enhance weed control.

- Use 2 quarts/acre of a high-quality urea ammonium nitrate (UAN), such as 28%N or 32%N, or 2 pounds/acre of a spray grade ammonium sulfate (AMS). Use 4 quarts/acre UAN or 4 pounds/acre AMS under arid conditions.
- Do not use low rates of fertilizer as a substitute for NIS, COC, or MSO.
- See "Tank Mixtures with Liquid Solution Fertilizer" for instructions on using fertilizer as a carrier in place of water.

### **Special Adjuvant Types**

- Combination adjuvant products may be used at doses that provide the required amount of NIS, COC, MSO, and/or ammonium nitrogen fertilizer. Consult product literature for use rates and restrictions.

### **WEED CONTROL INFORMATION**

CIMARRON® MAX HERBICIDE may be applied postemergence to control or suppress weeds listed on, but not limited to, this label. For best results, treat weeds when they are small and actively growing. Unless otherwise directed, treat when broadleaf weeds are less than 4" tall or in diameter (natural size - not after mowing or grazing). Broadleaf pasture species, such as alfalfa and clover, are highly sensitive to CIMARRON® MAX HERBICIDE and will be severely stunted or injured.

## WEEDS CONTROLLED OR SUPPRESSED

### **Rate I: CIMARRON® MAX PART A HERBICIDE 0.25 ounce/acre + CIMARRON® MAX PART B HERBICIDE 1 pint/acre**

Annual marshelder	Conical catchfly	Morningglory (ivyleaf)	Smartweed (pale)
Annual fleabane	Corn gromwell*‡	Morningglory (tall)	Smartweed (Pennsylvania)
Annual/wild sunflower*	Cowcockle	Musk thistle*	Snow speedwell
Bitter sneezeweed	Curly dock	Mustards (annual)	Sorrel, red
Blackeyed-Susan	Cutleaf evening primrose*‡	Narrowleaf goldaster*‡	Sowthistle (annual)
Blue/purple mustard*	Dandelion	Pigweed (prostate)	Sowthistle (spiny)
Broom snakeweed*‡	Dogfennel	Pigweed (redroot)	Sunflower (annual)
Broomweed, common	False chamomile	Pigweed (smooth)	Sunflower (volunteer)
Buckbrush‡	Field pennycress (fanweed)	Pigweed (tumble)	Tansy mustard*
Bur buttercup (testiculate)	Filaree	Plains coreopsis	Treacle mustard (bushy)
Burclover	Flixweed*	Plantain	Treacle mustard (wallflower)
Burdock species	Gray goldaster*‡	Poorjoe	Tumble/Jim Hill mustard
Buttercup	Groundsel (common)	Prickly lettuce*	Velvetleaf
Camphorweed	Groundsel (Texas)	Prostrate knotweed*‡	Vetch, hairy
Canada horseweed	Henbit	Purple scabious	Virginia pepperweed
Canada thistle*‡	Horsemint (beebalm)	Ragweed (common)	Waterpod
Carolina geranium	Knotweed species	Ragweed (Western)	Wavyleaf thistle*
Carolina horsenettle‡	Kochia*	Ragweed (lanceleaf)	Western snowberry‡
Coast fiddleneck (tarweed)	Lambsquarters (common)	Russian thistle*	White horsenettle‡
Common chickweed	Lambsquarters (slimleaf)	Scotch thistle*	Wild buckwheat*
Common cocklebur	Marestail	Shepherd's purse	Wild carrot
Common mallow	Mayweed chamomile	Silverleaf nightshade‡	Wild garlic*
Common mullein	Mesquite‡	Smallseed falseflax	Wild mustard
Common purslane	Milkweed species‡	Smartweed (green)	Willow bacharris*‡
Common yarrow	Miners lettuce	Smartweed (ladysthumb)	Woolly croton*

### **Rate II: CIMARRON® MAX PART A HERBICIDE 0.50 ounce/acre + CIMARRON® MAX PART B HERBICIDE 2 pints/acre**

Acacia‡	Clover (bur)	Maximillion sunflower	Sericea lespedeza*
Annual sowthistle	Common crupina	Missouri goldenrod	Silky crazyweed (locoweed)
Aster	Corn cockle	Multiflora rose*	Spotted knapweed*
Big sagebrush‡	Crown vetch	and other wild roses*	Spotted beebalm
Bittercress	Devilsclaw	Oxeye daisy	Sweet clover
Black henbane	Dewberry*	Plumeless thistle	Tansy ragwort
Black nighshade‡	Dyer's woad	Prostrate knotweed	Teasel
Blackberry*	Goldenrod	Redstem filaree	Thoroughwort (late eupatorium)
Broom snakeweed*	Gorse	Red sorrel	Whitetop*
Buckhorn plantain	Gumweed	Rosering gaillardia	Wild caraway
Buffalobur	Halogeton	Rough fleabane	Wild lettuce
Bullnettle	Honeysuckle	Russian thistle	Wood sorrel
Bullthistle	Ivy, poison	Sand sagebrush‡	Yankeweed
Chicory	Lotebush‡	Seaside arrowgrass	Yucca*
Clover	Marshelder (except CA)		

### **Rate III: CIMARRON® MAX PART A HERBICIDE 1.0 ounce/acre + CIMARRON® MAX PART B HERBICIDE 4 pints/acre**

Ash‡	Field bindweed‡	Poison hemlock	Snowberry
Aspen‡	Fringed sage‡	Purple loosestrife	St. Johnswort
Black locust‡	Greasewood	Purple scabious	Sulphur cinquefoil
Buckeye species‡	Hawthorne‡	Rabbitbrush‡	Thimbleberry
Common goldenweed	Honeysuckle, hairy‡	Redvine‡	Tree of heaven
Camelthorne‡	Houndstongue	Rush skeletonweed‡	Western salsify
Carolina horsenettle	Leafy spurge‡	Russian knapweed‡	Whitetop (hoary cress)
Cherry‡	Lupine	Salmonberry	Wild iris
Chinese tallow* (except CA)	Perennial pepperweed	Salsify	Willow
Common tansy	Perennial sowthistle‡	Saw palmetto*	Yellow poplar
Elderberry‡	Perennial smartweed	Scouringrush	Yellow starthistle
Elm‡			

### **Intermediate Rates (see Specific Weeds Instructions for Use Rates)**

Pensacola bahiagrass\*

\* See the **Specific Weed Instructions** section.

‡ **Weed or brush suppression** is a reduction in weed or brush competition (reduced population and/or vigor) as visually compared to an untreated area. The degree of suppression varies with the rate used, the size of the weeds or brush, and the environmental conditions following treatment.

## SPECIFIC WEED INSTRUCTIONS

**Note:** Thorough spray coverage of all weed species listed below is very important.

**Blackberry/Dewberry:** For best results, apply CIMARRON® MAX HERBICIDE at Rate II in the spring when brambles are fully leafed and actively growing or after fruit drop in the summer to early fall. Applications at Rate 1.5 will provide suppression.

**Blue/Purple Mustard, Flixweed, and Tansymustard:** For best results, apply CIMARRON® MAX HERBICIDE at Rate I postemergence to mustards, but before bloom.

**Broom Snakeweed:** For best results, apply CIMARRON® MAX HERBICIDE at Rate II during and after full flowering stage in the fall when growth conditions are good. Applications of CIMARRON® MAX HERBICIDE in the spring, or at Rate I, will provide suppression only.

**Canada Thistle:** For suppression with broadcast applications, apply CIMARRON® MAX HERBICIDE at Rate I in the spring after the majority of thistles have emerged and are small (rosette stage to 6" elongating stems) and actively growing. The application will inhibit the ability of emerged thistles to compete with grass.

**Chinese Tallow:** Treat after full leaf but before leaves develop a heavy waxy cuticle in periods of extreme heat or drought stress. A second application may be required the following growing season under dense populations.

**Corn Gromwell, Cutleaf Evening Primrose, and Prostrate Knotweed:** Apply CIMARRON® MAX HERBICIDE at Rate I when weeds are actively growing, are no larger than 2" tall, and when crop canopy will allow thorough coverage.

**Gray goldaster, Narrowleaf goldaster:** Apply CIMARRON® MAX HERBICIDE at Rate I plus 2,4-D Low Volume Ester at 8 ounces ai/acre in the spring or early summer prior to flowering.

**Kochia, Russian thistle, Prickly lettuce:** Apply CIMARRON® MAX HERBICIDE at Rate I in the spring when kochia, Russian thistle, and prickly lettuce are less than 2" tall or 2" across and are actively growing.

**Multiflora Rose and other wild roses:** Apply CIMARRON® MAX HERBICIDE at Rate II when multiflora rose is less than 3' tall. Application should be made in the spring, soon after multiflora rose is fully leafed.

**Musk Thistle, Scotch Thistle, Wavyleaf Thistle:** Apply CIMARRON® MAX HERBICIDE at Rate I to Rate III in the spring or early summer prior to flowering or in the fall after newly emerged plants have reached the rosette stage of growth. Certain biotypes of Musk, Scotch, and Wavyleaf Thistles are less sensitive to CIMARRON® MAX HERBICIDE and may not be controlled with CIMARRON® MAX HERBICIDE rates less than Rate III. Consult with your local BAYER CROPS SCIENCE LP representative, dealer, or applicator for specific use rate and tank mix recommendations for your area. Fall applications should be made before the soil freezes.

**Pensacola bahiagrass control in established Bermudagrass pasture:** Apply CIMARRON® MAX HERBICIDE at the equivalent of CIMARRON® MAX PART A HERBICIDE at 0.33 ounces/A plus CIMARRON® MAX PART B HERBICIDE at 1.33 pints/A. This ratio will treat 15 acres when mixing 5 ounces of CIMARRON® MAX PART A HERBICIDE plus 2.5 gallons of CIMARRON® MAX PART B HERBICIDE. Apply after green-up in the spring but before bahiagrass seedhead formation. Application should be made when moisture is sufficient to enhance grass growth.

CIMARRON® MAX HERBICIDE is very effective for removal of bahiagrass from bermudagrass pastures. In highly infested pastures, the use of CIMARRON® MAX HERBICIDE can clear the areas of useful forage until the bermudagrass has time to cover the area. Therefore, CIMARRON® MAX HERBICIDE treatments should be spread out over a period of years. Do not apply to an entire farm or ranch in one year.

Fertilization (particularly with nitrogen and potassium) and/or replanting may accelerate the process of reestablishment of bermudagrass.

Under heavy bahiagrass pressure, grazing pressure, or adverse weather conditions (heat and drought), bahiagrass regrowth may occur.

CIMARRON® MAX HERBICIDE should not be used for the control of common or Argentine bahiagrass. Also, CIMARRON® MAX HERBICIDE should not be applied in liquid fertilizer solutions for Pensacola bahiagrass control, as poor control and/or regrowth may occur.

**Saw Palmetto:** Apply CIMARRON® MAX HERBICIDE at Rate III during the summer. For best results, make application from August to mid-September. For suppression only, apply CIMARRON® MAX HERBICIDE at Rate II.

For best results, use a Crop Oil Concentrate (COC), Modified Seed Oil (MSO), or Modified Seed Oil/Organosilicone (MSO/OS) adjuvant type. The addition of ammonium nitrogen fertilizer may improve control. See Spray Adjuvants section for additional information. The addition of 1 pound active ingredient 2,4-D may also improve control (such as 1 quart of a 4 lb/gal product).

A second application of CIMARRON® MAX HERBICIDE at Rate II or III is recommended within two years of the initial treatment to control new emergence and regrowth from rootstocks.

**Sericea lespedeza:** For best results, apply CIMARRON® MAX HERBICIDE at Rate II from the beginning of flower bud initiation through the full bloom stage of growth. For suppression only, apply CIMARRON® MAX HERBICIDE at Rate II in the spring after Sericea lespedeza emergence. Do not make applications if drought conditions exist at intended time of application.

**Spotted Knapweed:** Apply CIMARRON® MAX HERBICIDE at Rate II plus 6 ounces a.i./A of 2,4-D amine.

**Sunflower (annual/wild or volunteer):** Apply CIMARRON® MAX HERBICIDE at Rate I after the majority of sunflowers have emerged, are 2" to 4" tall, and are actively growing.

**Whitetop:** For control, apply CIMARRON® MAX HERBICIDE at Rate II when whitetop is actively growing with adequate soil moisture and moderate growing temperatures. Applications under other conditions or using Rate I will provide suppression.

**Wild Buckwheat:** For best results, apply CIMARRON® MAX HERBICIDE at Rate I when plants have no more than 3 true leaves (not counting the cotyledons). If plants are not actively growing, delay treatment until environmental conditions favor active weed growth.

**Wild Garlic:** Apply CIMARRON® MAX HERBICIDE at Rate I in the early spring when wild garlic is less than 12" tall with 2" to 4" of new growth.

**Willow bacharris:** Apply CIMARRON® MAX HERBICIDE at Rate I plus 0.625 pounds active ingredient per acre of 2,4-D Low Volatile Ester in the spring to early summer.

**Woolly Croton:** Apply CIMARRON® MAX HERBICIDE at Rate I in the late spring or early summer from cotyledon through 2 true leaf stage.

**Yucca:** Apply CIMARRON® MAX HERBICIDE at Rate I or II plus 2,4-D LV ester at 0.75 to 1.0 pound active ingredient per acre in the spring through the fall prior to frost. A second application of CIMARRON® MAX HERBICIDE at Rate I or II plus 2,4-D LV ester at 0.5 to 0.75 pound active ingredient per acre is recommended within two years of the initial treatment to control yucca seedlings and regrowth from rootstocks.

For best results, use a Crop Oil Concentrate (COC), Modified Seed Oil (MSO), or Modified Seed Oil/Organosilicone (MSO/OS) adjuvant type. The addition of ammonium nitrogen fertilizer may improve control. See Spray Adjuvants section for additional information. Aerial is the preferred application method.

Variation in weather (moisture and temperature extremes), yucca physiological condition, soil type, and extent of yucca root system will determine treatment effectiveness.

## TANK MIXTURES

CIMARRON® MAX HERBICIDE may be tank mixed with other suitable registered herbicides, insecticides, and fungicides. Read and follow all manufacturers' label directions for the companion pesticide. If those directions conflict with this label, do not tank mix the pesticide with CIMARRON® MAX HERBICIDE.

Since formulations may be changed and new ones introduced, it is recommended that users premix a small quantity of a desired tank mix and observe for possible adverse changes (settling out, flocculation, etc.). Avoid mixtures of several materials and very concentrated spray mixtures. For best results, use of spray equipment having continuous agitation is recommended.

### With Insecticides and Fungicides

CIMARRON® MAX HERBICIDE may be tank mixed or used sequentially with insecticides such as DuPont™ PREVATHON® HERBICIDE and fungicides registered for use on pastures, grass hay fields, rangeland, or CRP. However, under certain conditions (drought stress or cold weather), tank mixes or sequential applications of CIMARRON® MAX HERBICIDE with organophosphate insecticides (such as parathion) may produce temporary grass yellowing or, in severe cases, grass injury. The potential for grass injury is greatest when wide fluctuations in day/night temperatures occur just prior to or soon after application. Test these mixtures in a small area before treating large areas. Do not use CIMARRON® MAX HERBICIDE plus Malathion, as grass injury will result.

### With Herbicides

CIMARRON® MAX HERBICIDE may be tank mixed with other suitable registered herbicides to control weeds listed under **Weeds Suppressed**, weeds resistant to CIMARRON® MAX HERBICIDE, or weeds not listed under **Weeds Controlled**.



### **With Liquid Nitrogen Solution Fertilizer**

Liquid nitrogen fertilizer solutions may be used as a carrier in place of water. Run a tank mix compatibility test before mixing CIMARRON® MAX HERBICIDE in fertilizer solution.

If liquid nitrogen solution fertilizer is used as the herbicide carrier for CIMARRON® MAX HERBICIDE, use the following mixing instructions:

1. Slurry the required amount of CIMARRON® MAX PART A HERBICIDE in a small amount of water making sure all granules are dissolved.
2. Add water to the spray tank at 10 times the amount of CIMARRON® MAX PART B HERBICIDE to be used.
3. While agitating, add the slurried CIMARRON® MAX PART A HERBICIDE to the spray tank.
4. Continue agitation and shake the container of CIMARRON® MAX PART B HERBICIDE well. Add the required amount of CIMARRON® MAX PART B HERBICIDE with system under constant agitation.
5. If using a non-ionic surfactant, add the necessary amount of non-ionic surfactant to the tank; continue agitating.
6. After all ingredients are fully mixed, add the fertilizer solution to the spray tank, with agitation, to the final desired level.
7. Apply spray mixture within 24 hours of mixing to avoid product degradation.

If using low rates of liquid nitrogen fertilizer (between 5% and 50% of the spray solution volume) in the spray solution, the addition of a non-ionic surfactant is necessary. Add surfactant at 0.25 pint per 100 gallons of spray solution (0.03%). Do not use a spray adjuvant other than non-ionic surfactant.

When using high rates of liquid nitrogen fertilizer (equal to or greater than 50% of the spray solution volume) in the spray solution, adding a spray adjuvant increases the risk of grass injury. Consult your agricultural dealer, consultant, fieldman, or BAYER CROPS SCIENCE LP representative for a specific recommendation before adding an adjuvant to these tank mixtures.

If 2,4-D or MCPA is included with CIMARRON® MAX HERBICIDE and fertilizer mixture, ester formulations tend to be more compatible (See manufacturer's label). Do not add a spray adjuvant when using CIMARRON® MAX HERBICIDE in tank mix with 2,4-D ester and liquid nitrogen fertilizer solutions greater than 5% of the spray solution volume.

When making a combined application of liquid fertilizer and herbicides, thorough spray coverage of the weeds is still important. Flat fan nozzles or equivalent delivering a medium size droplet will provide best results. Cluster nozzles delivering a very coarse droplet may not provide satisfactory weed control.

The use of liquid fertilizer solutions greater than 5% of the spray solution volume with CIMARRON® MAX HERBICIDE rates greater than Rate I may cause grass injury. Do not use low rates of liquid fertilizer as a substitute for a spray adjuvant. Do not use with liquid fertilizer solutions with a pH less than 3.0.

### **GRAZING/HAYING**

There is no waiting period between treatment and grazing for non-lactating livestock including cattle, horses, sheep, goats, and other animals. Do not graze lactating dairy animals within 7 days of treatment. Remove meat animals from treated areas 30 days prior to slaughter.

Treated grasses may be harvested for dry hay but do not harvest within 37 days of treatment. If grass is to be cut for hay, Agricultural Use requirements for the Worker Protection Standard are applicable.

### **CROP ROTATION**

Before using CIMARRON® MAX HERBICIDE, carefully consider your crop rotation plans and options. If rotational flexibility is desired, do not treat all of your pasture, rangeland, or CRP acres at the same time.

### **MINIMUM ROTATIONAL INTERVALS**

Minimum rotation intervals\* are determined by the rate of breakdown of CIMARRON® MAX HERBICIDE applied. CIMARRON® MAX HERBICIDE breakdown in the soil is affected by soil pH, presence of soil microorganisms, soil temperature, and soil moisture. Low soil pH, high soil temperature, and high soil moisture increase CIMARRON® MAX HERBICIDE breakdown in soil, while high soil pH, low soil temperature, and low soil moisture slow CIMARRON® MAX HERBICIDE breakdown.

Of these 3 factors, only soil pH remains relatively constant. Soil temperature, and to a greater extent, soil moisture, can vary significantly from year to year and from area to area. For this reason, soil temperatures and soil moisture should be monitored regularly when considering crop rotations.

\*The minimum rotation interval represents the period of time from the last application to the anticipated date of the next planting.

### **SOIL pH LIMITATIONS**

CIMARRON® MAX HERBICIDE should not be used on soils having a pH above 7.9, as extended soil residual activity could extend crop rotation intervals beyond normal. Under certain conditions, CIMARRON® MAX HERBICIDE could remain in the soil for 34 months or more, injuring wheat and barley. In addition, other crops planted in high-pH soils can be extremely sensitive to low concentrations of CIMARRON® MAX HERBICIDE.

## ROTATION INTERVALS IN PASTURE, RANGELAND, GRASS HAY FIELDS OR CRP FOR OVERSEEDING AND RENOVATION

Location	Crop or Grass Species	Maximum Rate of CIMARRON® MAX HERBICIDE	Minimum Rotation Interval (months)
AL, AR, FL, GA, KY, LA, MS, NC, OK, SC, TN, TX, VA, WV	Alfalfa, red clover, white clover, sweet clover, bermudagrass, bluegrass, ryegrass, tall fescue	Rate I	4
	Wheat (except durum)	Rate I	1
	Durum, barley, oat	Rate I	10
ALL STATES NOT INCLUDED ABOVE	Red clover, white clover, and sweet clover	Rate I	12
	Bermudagrass, bluegrass, ryegrass	Rate I	6
	Tall Fescue	Rate I	18
	Wheat (except durum)	Rate I	1
	Durum, barley, oat	Rate I	10
ALL AREAS WITH SOIL PH OF 7.5 OR LESS	Russian wildrye	Rate I, II	1
	Green needlegrass, switchgrass, sheep fescue, meadow brome, smooth brome, alta fescue, red fescue, meadow foxtail, orchardgrass, Russian wildrye, timothy	Rate I, II, III	2
ALL AREAS WITH SOIL PH OF 7.9 OR LESS	Alkali sacaton, mountain brome, blue grama, thickspike wheatgrass	Rate I, II, III	2
	Sideoats grama, switchgrass	Rate I, II	2
	Western wheatgrass	Rate I, II, III	2
	Sideoats grama, switchgrass, big bluestem	Rate I, II, III	3

### CHECKING SOIL pH

Before using CIMARRON® MAX HERBICIDE, determine the soil pH of the areas of intended use. To obtain a representative pH value for the test area, take several 0" to 4" samples from different areas of the field and analyze them separately. Consult local extension publications for additional information on recommended soil sampling procedures.

### BIOASSAY

A field bioassay must be completed before rotating to any crop or grass species/variety not listed in the **Rotation Intervals Table**, or if the soil pH is not in the specified range, or if the use rate applied is not specified in the table.

To conduct a field bioassay, grow test strips of the crop(s) or grass(es) you plan to grow the following year in fields previously treated with CIMARRON® MAX HERBICIDE. Crop or grass response to the bioassay will indicate whether or not to rotate to the crop(s) or grass(es) grown in the test strips.

If a field bioassay is planned, check with your local Agricultural dealer or BAYER CROPS SCIENCE LP representative for information detailing the field bioassay procedure.

## APPLICATION INFORMATION

### MIXING INSTRUCTIONS

1. Fill the tank one quarter to one third full of water (If using liquid nitrogen fertilizer solution in place of water, see **Tank Mixtures** sections for additional details).
2. While agitating, add the required amount of CIMARRON® MAX PART A HERBICIDE.
3. Continue agitation until the CIMARRON® MAX PART A HERBICIDE is fully dispersed, at least 5 minutes.
4. Continue agitation and **shake the container of CIMARRON® MAX PART B HERBICIDE well**. Add the required amount of CIMARRON® MAX PART B HERBICIDE with system under constant agitation.
5. Once the CIMARRON® MAX PART B HERBICIDE is fully dispersed, maintain agitation and continue filling tank with water. CIMARRON® MAX PART A HERBICIDE and CIMARRON® MAX PART B HERBICIDE should be thoroughly mixed with water before adding any other material.
6. As the tank is filling, add tank mix partners (if desired) then add the necessary volume of a spray adjuvant. Always add adjuvant last.
7. If the mixture is not continuously agitated, settling will occur. If settling occurs, thoroughly re-agitate before using.
8. Apply CIMARRON® MAX HERBICIDE spray mixture within 24 hours of mixing to avoid product degradation.
9. If CIMARRON® MAX HERBICIDE and a tank mix partner are to be applied in multiple loads, pre-slurry the CIMARRON® MAX PART A HERBICIDE in clean water prior to adding to the tank. This will prevent the tank mix partner from interfering with the dissolution of the CIMARRON® MAX PART A HERBICIDE.

Do not use CIMARRON® MAX HERBICIDE with spray additives that reduce the pH of the spray solution to below 3.0.



## SPRAY EQUIPMENT

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates. Select a spray volume and delivery system that will ensure thorough coverage and a uniform spray pattern with minimum drift. Use higher spray volumes to obtain better coverage when the crop canopy is dense. Avoid swath overlapping, and shut off spray booms while starting, turning, slowing, or stopping to avoid crop injury.

Do not make applications using equipment and/or spray volumes or under weather conditions that might cause spray to drift onto nontarget sites. For additional information on spray drift, refer to the **SPRAY DRIFT MANAGEMENT** section of the label.

Continuous agitation is required to keep CIMARRON® MAX HERBICIDE in suspension.

### Before Spraying CIMARRON® MAX HERBICIDE

Spray equipment must be clean before CIMARRON® MAX HERBICIDE is sprayed. Follow the cleanup procedures specified on the labels of previously applied products. If no directions are provided, follow the six steps outlined below.

### At the End of the Day

When multiple loads of CIMARRON® MAX HERBICIDE are applied, it is recommended that at the end of each day of spraying, the interior of the tank be rinsed with fresh water and then partially filled, and the boom and hoses flushed. This will prevent the buildup of dried pesticide deposits that can accumulate in the application equipment.

### After Spraying CIMARRON® MAX HERBICIDE and Before Spraying Crops Other Than Pasture, Rangeland, or CRP

To avoid subsequent injury to desirable crops, thoroughly clean all mixing and spray equipment immediately following applications of CIMARRON® MAX HERBICIDE as follows:

1. Drain tank; thoroughly rinse spray tanks, boom, and hoses with clean water. Loosen and physically remove any visible deposits.
2. Fill the tank with clean water and 1 gal of household ammonia\* (contains 3% active) for every 100 gal of water. Flush the hoses, boom, and nozzles with the cleaning solution. Then add more water to completely fill the tank. Circulate the cleaning solution through the tank and hoses for at least 15 min. Flush the hoses, boom, and nozzles again with the cleaning solution, and then drain the tank.
3. Remove the nozzles and screens and clean separately in a bucket containing cleaning agent and water.
4. Repeat step 2, allowing solution to stand for several hours, preferably overnight before draining.
5. Rinse the tank, boom, and hoses with clean water.
6. If only Ammonia is used as a cleaner, the rinsate solution may be applied back to the crop(s) recommended on this label. Do not exceed the maximum labeled use rate. If other cleaners are used, consult the cleaner label for rinsate disposal instructions. If no instructions are given, dispose of the rinsate at an approved waste disposal facility.

\*Equivalent amounts of an alternate-strength ammonia solution or a BAYER CROPSCIENCE LP approved cleaner can be used in the cleanout procedure. Carefully read and follow the individual cleaner instructions. Consult your agricultural dealer, applicator, or BAYER CROPSCIENCE LP representative for a listing of approved cleaners.

### Notes:

1. **Attention:** Do not use chlorine bleach with ammonia, as dangerous gases will form. Do not clean equipment in an enclosed area.
2. Steam-cleaning aerial spray tanks is recommended prior to performing the above cleanout procedure to facilitate the removal of any caked deposits.
3. When CIMARRON® MAX HERBICIDE is tank mixed with other pesticides, all required cleanout procedures should be examined and the most rigorous procedure should be followed.
4. In addition to this cleanout procedure, all precleanout guidelines on subsequently applied products should be followed as per the individual labels.
5. Where routine spraying practices include shared equipment frequently being switched between applications of CIMARRON® MAX HERBICIDE and applications of other pesticides to CIMARRON® MAX HERBICIDE -sensitive crops during the same spray season, it is recommended that a sprayer be dedicated to CIMARRON® MAX HERBICIDE to further reduce the chance of crop injury.

## **SPRAY DRIFT MANAGEMENT**

### Aerial Applications:

- Do not release spray at a height greater than 10 ft above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- For applications prior to the emergence of crops and target weeds, applicators are required to use a Coarse or coarser droplet size (ASABE S572.1).
- For all other applications, applicators are required to use a Medium or coarser droplet size (ASABE S572.1).
- The boom length must not exceed 65% of the wingspan for airplanes or 75% of the rotor blade diameter for helicopters.
- Applicators must use ½ swath displacement upwind at the downwind edge of the field.
- Nozzles must be oriented so the spray is directed toward the back of the aircraft.
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions.

### Ground Boom Applications:

- Apply with the nozzle height recommended by the manufacturer, but no more than 4 feet above the crop or target vegetation.
- For applications prior to the emergence of crops and target weeds, applicators are required to use a Coarse or coarser droplet size (ASABE S572.1).
- For all other applications, applicators are required to use a Medium or coarser droplet size (ASABE S572.1).
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions.

### Boom-less Ground Applications:

- Applicators are required to use a Medium or coarser droplet size (ASABE S572.1) for all applications.
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions.

## **SPRAY DRIFT ADVISORIES**

### Boom-less Ground Applications:

- Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

### Handheld Technology Applications:

- Take precautions to minimize spray drift.

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

## **IMPORTANCE OF DROPLET SIZE**

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

### **Controlling Droplet Size – Ground Boom**

- Volume - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

### **Controlling Droplet Size – Aircraft**

- Adjust Nozzles - Follow nozzle manufacturers recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

### **BOOM HEIGHT – Ground Boom**

Use the lowest boom height that is compatible with the spray nozzles that will provide uniform coverage. For ground equipment, the boom should remain level with the crop and have minimal bounce.

**RELEASE HEIGHT - Aircraft**

Higher release heights increase the potential for spray drift. When applying aerially to crops, do not release spray at a height greater than 10 ft above the crop canopy, unless a greater application height is necessary for pilot safety.

**SHIELDED SPRAYERS**

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

**TEMPERATURE AND HUMIDITY**

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

**TEMPERATURE INVERSIONS**

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

**WIND**

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

**AIR ASSISTED (AIR BLAST) FIELD CROP SPRAYERS**

Air assisted field crop sprayers carry droplets to the target via a downward directed air stream. Some may reduce the potential for drift, but if a sprayer is unsuitable for the application and/or set up improperly, high drift potential can result. It is the responsibility of the applicator to determine that a sprayer is suitable for the intended application, that it is configured properly, and that drift potential has been minimized.

Note: Air assisted field sprayers can affect product performance by affecting spray coverage and canopy penetration. Read the specific crop use and application equipment instructions to determine if an air assisted field crop sprayer can be used.

**SENSITIVE AREAS**

Making applications when there is a sustained wind moving away from adjacent sensitive areas (e.g., residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is an effective way to minimize the effect of spray drift.

**DRIFT CONTROL ADDITIVES**

Using product compatible drift control additives can reduce drift potential. When a drift control additive is used, read and carefully observe cautionary statements and all other information on the additive's label. If using an additive that increases viscosity, ensure that the nozzles and other application equipment will function properly with a viscous spray solution. Preferred drift control additives have been certified by the Chemical Producers and Distributors Association (CPDA).

**Susceptible Plants:** Do not apply under circumstances where spray drift may occur to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use, or consumption. Susceptible crops include, but are not limited to, cotton, okra, flowers, grapes (in growing stage), fruit trees (foliage), soybeans (vegetative stage), ornamentals, sunflowers, tomatoes, beans and other vegetables, or tobacco. Small amounts of spray drift that might not be visible may injure susceptible broadleaf plants.

**Other State and Local Requirements:** Applicators must follow all state and local pesticide drift requirements regarding application of 2,4-D herbicides. Where states have more stringent regulations, they must be observed.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store product in original container only. Store in a cool, dry place.

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

**CONTAINER HANDLING: (CIMARRON® MAX Part A HERBICIDE): Refer to the Net Contents section of this product's labeling for the applicable "Nonrefillable Container" or "Refillable Container" designation.**

**Nonrefillable Plastic and Metal Containers (Capacity Equal to or Less Than 50 Pounds):** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container one quarter 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. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**Nonrefillable plastic and metal containers (capacity Greater than 50 pounds):**

**Nonrefillable container.** Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container one quarter 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. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**Nonrefillable Plastic and Metal Containers, e.g., Intermediate Bulk Containers [IBC] (Size or Shape Too Large to be Tipped, Rolled, or Turned Upside Down):** Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying the contents from this container into application equipment or mix tank and before final disposal using the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom, and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration, and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain, pour, or pump rinsate into application equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**Nonrefillable Paper or Plastic Bags, Fiber Sacks including Flexible Intermediate Bulk Containers (FIBC), or Fiber Drums With Liners:** Nonrefillable container. Do not reuse or refill this container. Completely empty paper or plastic bag, fiber sack, or drum liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Then offer for recycling if available or dispose of empty paper or plastic bag, fiber sack or fiber drum and liner in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances.

**Refillable Fiber Drums With Liners:** Refillable container (fiber drum only). Refilling Fiber Drum: Refill this fiber drum with CIMARRON® MAX Part A HERBICIDE containing metsulfuron-methyl only. Do not reuse this fiber drum for any other purpose. Cleaning before refilling is the responsibility of the refiller. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Disposing of Fiber Drum and/or Liner: Do not reuse this fiber drum for any other purpose other than refilling (see preceding). Cleaning the container (liner and/or fiber drum) before final disposal is the responsibility of the person disposing of the container. Offer the liner for recycling if available or dispose of liner in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner. To clean the fiber drum before final disposal, completely empty the fiber drum by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Then offer the fiber drum for recycling if available or dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances.

**All Other Refillable Containers:** Refillable container. Refilling Container: Refill this container with CIMARRON® MAX Part A HERBICIDE containing metsulfuron-methyl only. Do not reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn out threads and closure devices. If damage is found, do not use the container, contact BAYER CROPSCIENCE LP at the number below for instructions. Check for leaks after refilling and before transporting. If leaks are found, do not reuse or transport container, contact BAYER CROPSCIENCE LP at the number below for instructions. Disposing of Container: Do not reuse this container for any other purpose other than refilling (see preceding). Cleaning the container before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal, use the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom, and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration, and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain, pour, or pump rinsate into application equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**Outer Foil Pouches of Water Soluble Packets (WSP):** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or, dispose of the empty outer foil pouch in the trash as long as WSP is unbroken. If the outer pouch contacts the formulated product in any way, the pouch must be triple rinsed with clean water. Add the rinsate to the spray tank and dispose of the outer pouch as described previously.

Do not transport if this container is damaged or leaking. If the container is damaged, leaking, or obsolete, or in the event of a major spill, fire, or other emergency, contact BAYER CROPSCIENCE LP at 1-800-334-7577, day or night.

**CONTAINER HANDLING (CIMARRON® MAX Part B HERBICIDE):** Refer to the Net Contents section of this product's labeling for the applicable "Nonrefillable Container" or "Refillable Container" designation.

**Nonrefillable Rigid Plastic and Metal Containers (Capacity Equal to or Less Than 5 Gallons):** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container one quarter 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. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**Nonrefillable Rigid Plastic and Metal Containers (Capacity Greater Than 5 Gallons):** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container one quarter 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. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**Nonrefillable Rigid Plastic and Metal Containers, e.g., Intermediate Bulk Containers [IBC] (Size or Shape Too Large to be Tipped, Rolled, or Turned Upside Down):** Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying the contents from this container into application equipment or mix tank and before final disposal using the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom, and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration, and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain, pour, or pump rinsate into application equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**All Refillable Containers:** Refillable container. Refilling Container: Refill this container with CIMARRON® MAX Part B HERBICIDE containing 2,4-D and dicamba only. Do not reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn out threads and closure devices. If damage is found, do not use container, contact BAYER CROPSCIENCE LP at the number below for instructions. Check for leaks after refilling and before transporting. If leaks are found, do not reuse or transport container, contact BAYER CROPSCIENCE LP at the number below for instructions. Disposing of Container: Do not reuse this container for any other purpose other than refilling (see preceding). Cleaning the container before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal, use the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom, and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration, and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain, pour, or pump rinsate into application equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Do not transport if container is damaged or leaking. If the container is damaged, leaking, or obsolete, or in the event of a major spill, fire or other emergency, contact BAYER CROPSCIENCE LP at 1-800-334-7577, day or night.

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Bayer Environmental Science

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CIMARRON® MAX HERBICIDE (PENDING) 10/23/2017, 10/27/2017, 11/6/2017, 03/22/2018, 09/26/2018,  
10/04/2018, 10/05/2018, 05/22/2019

For product information call: 1-800-331-2867