



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Mr. Michael Kellogg  
Willowood USA, LLC  
c/o Pyxis Regulatory Consulting, Inc  
4110 136<sup>th</sup> St. NW  
Gig Harbor, WA 98332

Subject: Notification per PRN 98-10 – Correct a typographical error on the EPA stamped label dated 12/9/14  
Product Name: MPower Clodinafop Herbicide  
EPA Registration Number: 86794-6  
Application Date: 4-1-15  
Decision Number: 503513

Dear Mr. Kellogg:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

If you have any questions, please contact Banza Djapao at 703-305-7269 or via email at [djapao.banza@epa.gov](mailto:djapao.banza@epa.gov).

A handwritten signature in black ink that reads "Shaja B. Joyner".

Shaja B. Joyner, Product Manager 20  
Fungicide-Herbicide Branch  
Registration Division 7505P

**MPOWER® CLODINAPOP HERBICIDE**

A postemergence herbicide for control of grass weeds in spring wheat and Durum wheat

ACTIVE INGREDIENT:	
Clodinafop-Propargyl* .....	22.3%
OTHER INGREDIENTS.....	77.7%
TOTAL.....	100.0%

This product contains petroleum distillates.

MPower® Clodinafop Herbicide contains 2 lbs. of clodinafop-propargyl active ingredient per gallon.

\*CAS No. 105512-06-9

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

Si usted no entiendela 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.)

<b>FIRST AID</b>	
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 the first 5 minutes, then continue rinsing.</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>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give any liquid to the person.</li> <li>• Do not give anything by mouth to an unconscious person.</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 INHALED:	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>NOTE TO PHYSICIAN</b>	
Contains petroleum distillates. Vomiting may cause aspiration pneumonia.	
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a Poison Control Center or doctor, or when going for treatment. For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378.	

EPA Reg. No. 86794-6

EPA Est. No.

NET CONTENTS: xx gallons

Manufactured for:  
NewAgco Inc.  
Orena, St. Lawrence Main Road  
Christ Church, Barbados BB15029

**PRECAUTIONARY STATEMENTS  
HAZARD TO HUMANS AND DOMESTIC ANIMALS  
WARNING**

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Avoid contact with skin, eyes or clothing. Wear protective eyewear such as safety glasses. Harmful if swallowed or absorbed through skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

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

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Waterproof or chemical-resistant gloves, such as barrier laminate or Viton
- Shoes plus socks
- Protective eyewear
- Chemical-resistant apron when cleaning equipment, mixing, or loading

**USER SAFETY REQUIREMENTS**

Follow the 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 STATEMENTS**

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

**USER SAFETY RECOMMENDATIONS**

**Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash water or rinsate. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use or store near heat or open flame. Do not mix or allow product to come in contact with oxidizing agents. Hazardous chemical reaction may occur.

**DIRECTIONS FOR USE**

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

Use this product only in accordance with label directions and restrictions contained in this label or in EPA approved supplemental labeling for MPower Clodinafop Herbicide.

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 12 hours.**

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

- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves. Such as barrier laminate or Viton
- Chemical-resistant footwear plus socks
- Protective eyewear

**FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY AND/OR POOR WEED CONTROL.**

### **PRODUCT INFORMATION**

Apply this product for control of listed weed and grass species in all varieties of wheat, including Durum. For consistent control, target species must be thoroughly covered with an application of MPower Clodinafop Herbicide.

#### **Mode of Action**

When MPower Clodinafop Herbicide is applied as a postemergence treatment, it is absorbed rapidly by the foliage of target species and then translocated to growing points.

The level of control will depend upon the following:

- Coverage with an application of MPower Clodinafop Herbicide.
- Growing/environmental conditions.
- Type of weed species.
- Crop competition.

Once it has translocated, MPower Clodinafop Herbicide inhibits the acetyl CoA carboxylase (ACCase) enzyme which will do the following:

- Stop growth in target species generally within 2 days.
- Target species will yellow within 1-3 weeks.
- Target species will be completely controlled within 5 weeks.

#### **Rainfastness**

Applications of MPower Clodinafop Herbicide will be rainfast 30 minutes after treatment.

### **ROTATIONAL CROP RESTRICTIONS**

Following an application of this product, all crops (other than wheat, including Durum) must not be planted for a minimum of 30 days. All varieties of wheat, including Durum, may be planted immediately following an application of this product.

### **WEEDS CONTROLLED**

Treatment with MPower® Clodinafop Herbicide will provide control of the following:

- volunteer oat
- yellow foxtail
- Persian darnel

- wild oat
- giant foxtail
- green foxtail
- canarygrass
- barnyardgrass
- volunteer corn
- Italian (annual) ryegrass

This product will not provide control of broadleaf species. However, MPower Clodinafop Herbicide can be tank mixed with a broadleaf herbicide so that broad spectrum target species can be achieved in a one-pass application. Refer to the *Tank Mixtures for Control of Broadleaf Species* section below.

Products which are not specified for tank mixture with this product may be applied as a sequential treatment with MPower Clodinafop Herbicide. Sequential applications must take place a minimum of 4 days **after** treatment with MPower Clodinafop Herbicide.

## RESISTANCE MANAGEMENT

This product is classified as a Group 1 Herbicide (i.e., inhibits acetyl CoA carboxylase enzyme). Other products in the same classification as this product include:

Achieve®	Fusion®	Puma®
Assure® II	Hoelon®	Select®
Axial®	Poast®	
Fusilade®	Prism®	

Populations of some weed species (e.g., green foxtail, wild oat and Italian (annual) ryegrass) have been shown to display some resistance to Group 1 herbicides.

Repeated use of product(s) with the same mode of action in a target area may lead to selection of resistant biotypes. This may lead to a reduction in or failure of control when treating with MPower Clodinafop Herbicide.

Reduced control may be due to a resistant biotype if reduced control of treatment with MPower Clodinafop Herbicide cannot be attributed to environmental conditions or incorrect application.

If resistance is suspected, contact your local NewAgCo representative for assistance.

Use resistance management measures in order to reduce the likelihood of developing resistant biotypes:

1. Ensure that MPower Clodinafop Herbicide is applied in accordance with label directions with accurately calibrated application equipment.
2. Do not allow weed escapes to produce seed among crops or in fallow periods.
3. Make post emergence treatments to weeds that are small and growing actively.
4. Ensure that volume of application solution and rate are accurate and in accordance with label directions. Use the full specified rate.
5. Do not tank mix MPower Clodinafop Herbicide with products that will result in reduced control of target species.
6. Use a variety of cultural practices that will improve crop competitiveness, such as fertilizer programs, row widths and seeding rates.
7. Rotate use of this product with products with a different mode of action. Do not apply products with the same mode of action/classification in rotational crops/cereal crops in successive seasons.
8. Employ agronomic practices that will extend the range of usable, effective herbicides (e.g., fallow rotation, crop rotation).

## APPLICATION DIRECTIONS

### Application Timing

Treat all varieties of wheat, including Durum, with MPower® Clodinafop Herbicide from the 2-leaf stage growth stage up until the pre-boot growth stage.

Do not treat winter wheat with MPower® Clodinafop Herbicide during the fall. See crop specific directions below for further directions and restrictions.

Restriction: In order to avoid crop injury, do not treat **crops** with MPower® Clodinafop Herbicide that are suffering stress due to conditions such as:

- Flooding
- Drought
- Damage from disease
- Damage from insects
- Frost
- Low fertility

Crop injury is more likely where this product is applied to wheat that has been exposed to temperatures lower than 40°F in the 48 hours after or before treatment with MPower® Clodinafop Herbicide.

In order to achieve the most effective application, apply MPower® Clodinafop Herbicide to target species that are growing actively. In addition, applying MPower® Clodinafop Herbicide early will reduce competition from weeds, thereby maximizing crop yield.

**IMPORTANT:** target species that emerge following treatment with MPower® Clodinafop Herbicide will not be controlled.

Reduced control may result where applications are made to **target species** that are suffering stress due to conditions such as:

- Flooding
- Drought
- Frost
- Heat
- Low fertility
- Prolonged cool periods

Where this product is applied during periods of stress, there is an increased risk of re-tillering or grass escapes. Delay treatment until weeds are actively growing and the cause of stress has ended.

Target Species	Timing of Treatment	
	Tillers Growth Stage	Leaves Growth Stage (Main Stem)
Giant Foxtail Green Foxtail Yellow Foxtail	Apply MPower® Clodinafop Herbicide when target species are growing actively and before the third tiller emerges.	1-5 leaf growth stage
Barnyardgrass Italian (Annual) Ryegrass Persian Darnel Volunteer Corn	For optimum control, apply before tillering and while weeds are actively growing.	1-5 leaf growth stage
Canarygrass Volunteer Oat Wild Oat	Prior to emergence of the 4 <sup>th</sup> tiller	1-5 leaf growth stage

### USE RATES

Refer to the Weeds Controlled and Use Rates for Tank Mixtures Containing Mpower® Clodinafop Herbicide section for combinations with broadleaf weed herbicides.

MPower Adjuvant must always be used with MPower® Clodinafop Herbicide. A case of MPower® Clodinafop Herbicide case contains 1.25 gallons of MPower® Clodinafop Herbicide and 2 gallons of MPower Adjuvant. All MPower Adjuvant supplied in a case of MPower® Clodinafop Herbicide should be used when this product is applied at directed rates.

Weeds	Directions
Wild Oat Volunteer (Tame) Oat Green Foxtail Yellow Foxtail Barnyardgrass Canarygrass Volunteer Corn	3.2 oz./A of MPower® Clodinafop Herbicide plus 10.2 oz./A of MPower Adjuvant  A case of MPower® Clodinafop Herbicide will treat 50 Acres.
Giant Foxtail Persian Darnel Italian (Annual) Ryegrass	4 oz./A of MPower® Clodinafop Herbicide plus 12.8 oz./A of MPower Adjuvant  A case of MPower® Clodinafop Herbicide will treat 40 Acres.

### GROUND APPLICATION EQUIPMENT

Calibrate application equipment accurately prior to each application.

Using ground application equipment, apply the directed rate of MPower® Clodinafop Herbicide and MPower Adjuvant. Use 5-10 gals. of water per acre. Apply 10 gals. of water per acre minimum where weed species are dense or where there are dry conditions or when treating Italian (annual) ryegrass or Persian darnel.

When using spray application equipment, refer to manufacturer's directions with regard to pressure and the use of screens. Use 80° or 110° flat fan spray nozzles. Do not apply with hollow cone or flood type nozzles. In order to achieve uniform coverage, position nozzles equally spaced along the boom. For best coverage of grass target species, direct spray nozzles to the front (i.e. toward the direction of travel) at a 45° angle. For broadcast over-the-top application, calculate boom height based on the free-standing height of the crop: boom height must be a minimum of 12 inches above the crop.

Use a centrifugal pump with an agitation rate of 20 gals./minute/100 gals tank size. The pump in the spray application equipment used must be able to maintain 35-40 psi of pressure. A lower pressure may be used with low pressure or extended range nozzles. The pump must also be capable of maintaining suspension of the product through agitation of the spray tank as agitation must continue throughout mixture and spray application.

For ground applications, use a strainer or screen equipped on the suction side of the pump with 16-mesh or coarser. Unless a roller or piston pump is being used, do not put a screen in the recirculation lines. 50-mesh or coarser screens must be placed at the nozzles and between the boom and pump.

MPower® Clodinafop Herbicide must always be applied with the supplied MPower Adjuvant. Do not use any other adjuvant. Refer to Use Rates section above.

For optimal control of target species, thorough coverage is essential. Spray nozzles must be observed during application to ensure a uniform spray pattern. Ensure that spray overlay is avoided or excessive rates may result in areas of overlap.

Do not apply this product in conditions where spray drift will be excessive and/or where uniform coverage is not possible e.g. in windy conditions.

Ensure there is a buffer area between desirable vegetation and the target area to minimize the potential for spray drift.

### AERIAL APPLICATIONS

Calibrate application equipment accurately prior to each application.

Use low drift nozzles at a pressure of 40 psi maximum to apply this product at a maximum height of 10 ft. above the crop.

Combine the application solution of MPower® Clodinafop Herbicide with water for a spray volume of 3 gals./A minimum. Apply 5 gals. of water per acre minimum where weed species are dense or where there are dry conditions or when treating Italian (annual) ryegrass or Persian dandel.

MPower® Clodinafop Herbicide must always be applied with the supplied MPower Adjuvant. Do not use any other adjuvant. Refer to Use Rates section above.

In order to avoid crop injury, MPower Adjuvant must not be applied at a concentration of more than 2% of the spray solution.

Do not apply this product in conditions where spray drift will be excessive and/or where uniform coverage is not possible. Wind speed at the time of application must not exceed 10 mph.

### **AVOIDING SPRAY DRIFT - AERIAL DRIFT MANAGEMENT**

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment- and weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

The following drift management requirements must be followed to avoid off-target drift movement from aerial applications to agricultural field crops. These requirements do not apply to forestry applications, public health uses, or to applications using dry formulations.

1. The distance of the outermost nozzles on the boom must not exceed  $\frac{3}{4}$  the length of the wingspan or rotor.
2. Nozzles must always point backward parallel with the air stream and never be pointed downward more than 45 degrees.

Where states have more stringent regulations, they should be observed.

The applicator should be familiar with and take into account the information covered in the **Aerial Drift Reduction Advisory Information**.

### **AERIAL DRIFT REDUCTION ADVISORY INFORMATION INFORMATION ON DROPLET SIZE**

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions (see **Wind, Temperature and Humidity**, and **Temperature Inversions**).

### **CONTROLLING DROPLET SIZE**

- **Volume-** Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- **Pressure-** Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types, lower pressure produces larger droplets. When higher flow rates are needed use higher flow rate nozzles instead of increasing pressure.
- **Number of Nozzles-** Use the minimum number of nozzles that provide uniform coverage.
- **Nozzle Orientation-** Orienting nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential.
- **Nozzle Type-** Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift.



### BOOM LENGTH

For some use patterns, reducing the effective boom length to less than  $\frac{3}{4}$  of the wingspan or rotor length may further reduce drift without reducing swath width.

### APPLICATION HEIGHT

Applications should not be made at a height greater than 10 ft. above the top of the largest plants, unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.

### SWATH ADJUSTMENT

When applications are made with a crosswind, the swath will be displaced downward. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase with increasing drift potential (higher wind, smaller drops, etc.).

### WIND

Drift potential is lowest between wind speeds of 2-10 mph. However, many factors, including droplet size and equipment type, determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential. **Note:** Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

### TEMPERATURE AND HUMIDITY

When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

### TEMPERATURE INVERSIONS

Applications should not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified 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.

### SENSITIVE AREAS

The pesticide should only be applied when the potential for drift to adjacent sensitive areas (e.g., residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g., when wind is blowing away from the sensitive areas).

Avoid all direct or indirect contact (such as spray drift) of MPower® Clodinafop Herbicide with crops other than those recommended for treatment on this label, since injury may occur.

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

### CLEANING DIRECTIONS

Application equipment must be cleaned thoroughly immediately following application, to ensure all traces of application solution are removed. Cleaning must not take place near water sources (e.g. wells) or any desirable vegetation. Follow this cleaning procedure:

1. Drain the tank, boom, and all hoses and flush with clean water for 10 minutes.
2. Remove screens and nozzles and wash separately.
3. Ensure all rinsate is disposed of in accordance with state and local regulations.

Where this product has been tank mixed with other pesticide products, read and follow the label directions of all tank mix partners where there are additional cleanup procedures/requirements.

## MIXING DIRECTIONS

1. Clean spray tank. See Cleaning Instructions above.
2. Fill the spray tank half full with clean water and begin agitation or bypass system.
3. Add the directed rate of MPower® Clodinafop Herbicide and agitate the solution for 2-3 minutes (refer to Use Rates section above).
4. Add the directed rate of MPower Adjuvant to the solution for 2-3 minutes (refer to Use Rates section above). Continue agitation throughout.
5. Following a further 1-2 minutes of agitation, add the remaining water.
6. Maintain agitation throughout mixture and application.
7. Apply the application solution as soon as it is prepared.

Drain the spray tank and clean using a detergent if oily film begins to build up.

If this product is to be tank mixed with a broadleaf herbicide, add the broadleaf herbicide before adding MPower® Clodinafop Herbicide. Agitate for 2-3 minutes prior to adding further application solution ingredients.

## CROP USE DIRECTIONS

### WHEAT (INCLUDING DURUM)

This product can be applied to control listed weed species in all varieties of wheat, including Durum, but must not be used for treatment of wheat underseeded to forages. Applicators must ensure applications of this product do not drift to adjacent areas with vegetation other than wheat.

#### Restrictions

- Do not exceed a maximum of one application of MPower® Clodinafop Herbicide per crop season.
- Hay must not be used for feed for 30 days minimum after application.
- Treated areas must not be used for grazing or feed forage for 30 days minimum after application.
- Do not make a fall treatment with MPower® Clodinafop Herbicide in winter wheat.
- Grain must not be harvested for a minimum of 60 days after application.

## TANK MIXTURES FOR CONTROL OF BROADLEAF SPECIES

MPower Clodinafop Herbicide may be tank mixed with products listed below to ensure broad spectrum control of broadleaf weeds and annual grasses. Refer to tank mix partner label(s) for broadleaf species controlled.

Read and follow the directions of all tank mix partners. The most restrictive directions must apply.

Refer to Mixing Directions above for tank mixture procedure.

Products that are not listed in this label may be applied sequentially with MPower® Clodinafop Herbicide. For sequential applications, follow this procedure:

1. Apply MPower® Clodinafop Herbicide first.
2. Wait a minimum of 4 days prior to applying the next product sequentially.

## WEEDS CONTROLLED AND USE RATES FOR TANK MIXTURES CONTAINING MPOWER® CLODINAFOP HERBICIDE

Always apply the following amount when applying this product at the following rates:

	Oz./acre	Oz./acre
<b>Rate of MPower® Clodinafop Herbicide</b>	3.2	4.0
<b>Rate of MPower Adjuvant</b>	10.2	12.8

Treatment with tank mixtures may result in temporary crop injury where crops are under stress due to extreme temperatures or from abnormally high or inadequate moisture levels.

Suppression (also known as partial control) means there is significant activity but there is not always the level of control that is generally considered to be acceptable for commercial weed control.

Combine MPower® Clodinafop Herbicide at a rate of 3.2 oz./A plus one of the following single or two-way broadleaf herbicide combinations. Do not tank mix this product with broadleaf herbicides that are not listed in the following table.

### FOR CONTROL OF WILD OATS AND VOLUNTEER OATS

Product	3.2 fl. oz. MPower Clodinafop Herbicide	4.0 fl. oz. MPower Clodinafop Herbicide	Comments
2, 4 Amine	0.5-0.75 pt./A	0.5-0.75 pt./A	Rates based on 4 lbs. of active ingredient per acre
Affinity™ TankMix + MCPA Ester	0.6 oz./A + 0.5- 0.75 pt./A	0.6 oz./A + 0.5- 0.75 pt./A	Rates of MCPA based on 4 lbs. of active ingredient per acre
Affinity TankMix + Starane™	0.6 oz./A + 0.33-0.67 pt./A	0.6 oz./A + 0.33-0.67 pt./A	
Ally® Extra	0.2-0.4 oz./A	0.2-0.4 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant.
Ally	0.1 oz./A	0.1 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant. Ally XP may also be used
Amber	0.28-0.47 oz./A	0.28-0.47 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant.
Banvel®	2-3 oz./A	2-3 oz./A	Other products containing dicamba as an active ingredient and labeled for this use can be used. Read and follow label directions and rates.
Banvel + MCPA Ester	2 oz./A + 0.5- 0.75 pt./A	2 oz./A + 0.5- 0.75 pt./A	Other products containing dicamba as an active ingredient and labeled for this use can be used. Read and follow label directions and rates. MCPA use rate based on 4 lbs. ai per gal.

<b>Product</b>	<b>3.2 fl. oz. MPower Clodinafop Herbicide</b>	<b>4.0 fl. oz. MPower Clodinafop Herbicide</b>	<b>Comments</b>
Banvel SGF®	4-6 oz./A	4-6 oz./A	
Bronate Advanced™	0.8-1.2 pt./A	0.8-1.2 pt./A	Other products containing bromoxynil/MCPA esters as active ingredients and labeled for this use can be used. Read and follow label directions and rates.
Buctril®	0.75-1.5 pt./A	0.75-1.5 pt./A	Other products containing bromoxynil as an active ingredient and labeled for this use can be used. Read and follow label directions and rates.
Buctril + MCPA Ester	0.75-1.2 pt./A + 0.5-0.75 pt./A	0.75-1.5 pt./A + 0.5-0.75 pt./A	Other products containing bromoxynil as an active ingredient and labeled for this use can be used. Read and follow label directions and rates. MCPA use rate based on 4 lbs. ai per gal.
Chiptox® MCPA	1-1.5 pt./A	1-1.5 pt./A	
Clarity®	2-3 oz./A	2-3 oz./A	
Clarity + MCPA Ester	2 oz./A + 0.5-0.75 pt./A	2 oz./A + 0.5-0.75 pt./A	MCPA use rate based on 4 lbs. ai per gal.
Curtail™	2-2.67 pt./A	2-2.67 pt./A	
Curtail + Harmony GT	--	2-2.67 pt./A + 0.3-0.6 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant.
Curtail M	1.75 pt./A	1.75 pt./A	
Double Up® B+D	0.75-1 pt./A	0.75-1 pt./A	
Express®	0.17-0.33 oz./A	0.17-0.33 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant. Express XP can be used as an alternative to Express®. Read and follow label directions and rates.
Finesse	0.2-0.4 oz./A	0.2-0.4 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant.
Glean®	0.17-0.33 oz./A	0.17-0.33 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant.
Harmony® Extra	0.3-0.6 oz./A	0.3-0.6 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant. Harmony Express XP can be used as an alternative to Harmony® Extra.
Harmony® Extra + Bronate Advanced	0.3-0.6 oz./A + 0.6-1.2 pt./A	0.3-0.6 oz./A + 0.6-1.2 pt./A	For suppression only. Do not use a surfactant other than the supplied MPower Adjuvant. Harmony Express XP can be used as an alternative to Harmony® Extra. Other products containing bromoxynil/MCPA esters as active ingredients and labeled for this use can be used. Read and follow label directions and rates.

Product	3.2 fl. oz. MPower Clodinafop Herbicide	4.0 fl. oz. MPower Clodinafop Herbicide	Comments
Harmony® Extra + Buctril	0.3-0.6 oz./A + 0.75-1.5 pt./A	0.3-0.6 oz./A + 0.75-1.5 pt./A	Do not use a surfactant other than the supplied MPower Adjuvant. Harmony® Express XP can be used as an alternative to Harmony® Extra. Other products containing bromoxynil as an active ingredient and labeled for this use can be used. Read and follow label directions and rates.
Harmony® Extra + MCPA Amine	0.3-0.6 oz./A + 0.5-0.75 pt./A*	0.3-0.6 oz./A + 0.5-0.75 pt./A	Do not use a surfactant other than the supplied MPower Adjuvant. Harmony® Express XP can be used as an alternative to Harmony® Extra. Read and follow label directions and rates. MCPA use rate based on 4 lbs. ai per gal. * Suppression only
Harmony® Extra + MCPA Ester	0.3-0.6 oz./A + 0.5-0.75 pt./A	0.3-0.6 oz./A + 0.5-0.75 pt./A	Do not use a surfactant other than the supplied MPower Adjuvant. Harmony® Express XP can be used as an alternative to Harmony® Extra. Read and follow label directions and rates. MCPA use rate based on 4 lbs. ai per gal.
Harmony® GT	0.3-0.6 oz./A	0.3-0.6 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant. Harmony® GT XP can be used as an alternative to Harmony® GT.
Harmony® GT + Bronate Advanced	--	0.3-0.5 oz./A + 0.6 pt./A	Do not use a surfactant other than the supplied MPower Adjuvant. Harmony® GT XP can be used as an alternative to Harmony® GT. Other products containing bromoxynil/MCPA esters as active ingredients and labeled for this use can be used. Read and follow label directions and rates.
Harmony® GT + Buctril	0.3-0.6 oz./A + 0.75-1.5 pt./A	0.3-0.6 oz./A + 0.75-1.5 pt./A	Do not use a surfactant other than the supplied MPower Adjuvant. Harmony® GT XP can be used as an alternative to Harmony® GT. Other products containing bromoxynil as an active ingredient and labeled for this use can be used. Read and follow label directions and rates.
Harmony® GT + MCPA Amine	0.3 oz./A + 0.5-0.75 pt./A	0.3-0.6 oz./A + 0.5-0.75 pt./A	Do not use a surfactant other than the supplied MPower Adjuvant. Harmony GT XP can be used as an alternative to Harmony® GT. MCPA use rate based on 4 lbs. ai per gal.
Harmony® GT + MCPA Ester	0.00.3-0.6 oz./A + 0.5-0.75 pt./A	0.3-0.6 oz./A + 0.5-0.75 pt./A	Do not use a surfactant other than the supplied MPower Adjuvant. Harmony® GT XP can be used as an alternative to Harmony GT. MCPA use rate based on 4 lbs. ai per gal.
MCPA Amine	0.5-0.75 pt./A	0.5-0.75 pt./A	MCPA use rate based on 4 lbs. ai per gal.
MCPA Ester	0.5-0.75 pt./A	0.5-0.75 pt./A	MCPA use rate based on 4 lbs. ai per gal.

<b>Product</b>	<b>3.2 fl. oz. MPower Clodinafop Herbicide</b>	<b>4.0 fl. oz. MPower Clodinafop Herbicide</b>	<b>Comments</b>
Peak	0.25-0.5 oz./A	0.25-0.5 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant.
Peak + Bronate Advanced	0.25-0.5 oz./A + 0.6-1.2 pt./A	0.25-0.5 oz./A + 0.6-1.2 pt./A	Do not use a surfactant other than the supplied MPower Adjuvant. Other products containing bromoxynil/MCPA esters as active ingredients and labeled for this use can be used. Read and follow label directions and rates.
Peak + Buctril	0.25-0.5 oz./A + 0.75-1.5 pt./A	0.25-0.5 oz./A + 0.75-1.5 pt./A	Do not use a surfactant other than the supplied MPower Adjuvant. Other products containing bromoxynil as an active ingredient and labeled for this use can be used. Read and follow label directions and rates.
Peak + Chiptox MCPA	0.25-0.5 oz./A + 1-1.5 pt./A	0.25-0.5 oz./A + 1-1.5 pt./A	Do not use a surfactant other than the supplied MPower Adjuvant.
Peak + Curtail M	0.25-0.5 oz./A + 1.75 pt./A	0.25-0.5 oz./A + 1.75 pt./A	Do not use a surfactant other than the supplied MPower Adjuvant.
Peak + MCPA Amine	0.25-0.5 oz./A + 0.5-0.75 pt./A	0.25-0.5 oz./A + 0.5-0.75 pt./A	Do not use a surfactant other than the supplied MPower Adjuvant. MCPA use rate based on 4 lbs. ai per gal.
Peak + MCPA Ester (assume 4 lbs./gal.)	0.25-0.5 oz./A + 0.5-0.75 pt./A	0.25-0.5 oz./A + 0.5-0.75 pt./A	Do not use a surfactant other than the supplied MPower Adjuvant. MCPA use rate based on 4 lbs. ai per gal.
Rhino™	16 oz./A	16 oz./A	
Starane	0.67 pt./A	0.67 pt./A	
Starane + Bronate Advanced	0.67 pt./A + 0.6-1.2 pt./A	0.67 pt./A + 2-2.67 pt./A	Other products containing bromoxynil/MCPA esters as active ingredients and labeled for this use can be used. Read and follow label directions and rates.
Starane + Curtail	--	0.67 pt./A + 1.75 pt./A	Suppression only
Starane + Curtail M	0.67 pt./A + 1.75 pt./A	0.67 pt./A + 1.75 pt./A	
Starane + Harmony® GT	0.67 pt./A + 0.3-0.6 oz./A	0.67 pt./A + 0.3-0.6 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant. Harmony® GT XP can be used as an alternative to Harmony® GT.
Starane + Harmony® Extra	0.67 pt./A + 0.3 oz./A	0.67 pt./A + 0.3-0.4 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant. Harmony® Extra XP can be used as an alternative to Harmony® Extra.
Starane + Peak	0.67 pt./A + 0.25-0.5 oz./A	0.67 pt./A + 0.25-0.5 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant.
Starane + Sword	1.5 pt./A	1.5 pt./A	

<b>Product</b>	<b>3.2 fl. oz. MPower Clodinafop Herbicide</b>	<b>4.0 fl. oz. MPower Clodinafop Herbicide</b>	<b>Comments</b>
Starane + Sword+ Harmony® GT	1.5 pt./A + 0.3-0.6 oz./A	1.5 pt./A + 0.3-0.6 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant. Harmony® GT XP can be used as an alternative to Harmony® GT.
Starane + Sword + Peak	1.5 pt./A + 0.25-0.5 oz./A	1.5 pt./A + 0.25-0.5 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant.
Stinger	0.25-0.33 pt./A	0.25-0.33 pt./A	
WECO MAX™	16 oz./A	16 oz./A	
WideMatch	1 pt./A	1 pt./A	
WideMatch + Harmony® GT	1 pt./A + 0.08-0.3 oz./A	1 pt./A + 0.08-0.3 oz./A	Harmony® GT XP can be used as an alternative to Harmony® GT.
WideMatch + MCPA Ester	1 pt./A + 0.5-0.75 pt./A	1 pt./A + 0.5-0.75 pt./A	MCPA use rate based on 4 lbs. ai per gal.

#### FOR CONTROL OF GREEN FOXTAIL AND YELLOW FOXTAIL

<b>Product</b>	<b>3.2 fl. oz. MPower Clodinafop Herbicide</b>	<b>4.0 fl. oz. MPower Clodinafop Herbicide</b>	<b>Comments</b>
2, 4 Amine	0.5-0.75 pt./A*	0.5-0.75 pt./A	*For suppression only. Rates based on 4 lbs. of active ingredient per acre
Ally® Extra	0.2-0.4 oz./A	0.2-0.4 oz./A	For suppression only of yellow foxtail. The higher rate will provide control of green foxtail, the lower rate will provide suppression only. Do not use a surfactant other than the supplied MPower Adjuvant.
Ally	0.1 oz./A	0.1 oz./A	For suppression only of yellow foxtail. The higher rate will provide control of green foxtail. The lower rate will provide suppression only of green foxtail. Do not use a surfactant other than the supplied MPower Adjuvant. Ally XP may also be used.
Amber	0.28-0.47 oz./A	0.28-0.47 oz./A	For suppression only of yellow foxtail. Do not use a surfactant other than the supplied MPower Adjuvant.
Banvel®	2-3 oz./A	2-3 oz./A	The lower rate will provide suppression only. The higher rate will provide control. Other products containing dicamba as an active ingredient and labeled for this use can be used. Read and follow label directions and rates.
Banvel + MCPA Ester	2 oz./A + 0.5-0.75 pt./A	2 oz./A + 0.5-0.75 pt./A	For suppression of green foxtail only. Not for control or suppression of yellow foxtail. Other products containing dicamba as an active ingredient and labeled for this use can be used. Read and follow label directions and rates. MCPA use rate based on 4 lbs. ai per gal.
Banvel SGF®	4-6 oz./A	4-6 oz./A	For suppression only.

<b>Product</b>	<b>3.2 fl. oz. MPower Clodinafop Herbicide</b>	<b>4.0 fl. oz. MPower Clodinafop Herbicide</b>	<b>Comments</b>
Bronate Advanced™	0.8-1.2 pt./A	0.8-1.2 pt./A	Other products containing bromoxynil/MCPA esters as active ingredients and labeled for this use can be used. Read and follow label directions and rates.
Buctril®	0.75-1.5 pt./A	0.75-1.5 pt./A	Other products containing bromoxynil as an active ingredient and labeled for this use can be used. Read and follow label directions and rates.
Buctril + MCPA Ester	0.75-1.2 pt./A + 0.5-0.75 pt./A	0.75-1.5 pt./A + 0.5-0.75 pt./A	Other products containing bromoxynil as an active ingredient and labeled for this use can be used. Read and follow label directions and rates. MCPA use rate based on 4 lbs. ai per gal.
Clarity®	2-3 oz./A*	2-3 oz./A	* Suppression only
Clarity + MCPA Ester	2 oz./A + 0.5-0.75 pt./A	2 oz./A + 0.5-0.75 pt./A	For suppression of green foxtail only. Not for suppression/control of yellow foxtail. MCPA use rate based on 4 lbs. ai per gal.
Curtail™	2-2.67 pt./A*	2-2.67 pt./A**	*For suppression of green foxtail only, not for control/suppression of yellow foxtail. **Will provide suppression only of yellow foxtail; provides control of green foxtail.
Curtail M	1.75 pt./A	1.75 pt./A	
Express®	0.17-0.33 oz./A*	0.17-0.33 oz./A**	*For suppression of green foxtail only, not for control/suppression of yellow foxtail. **Will provide suppression only of yellow foxtail; provides control of green foxtail. Do not use a surfactant other than the supplied MPower Adjuvant. Express XP can be used as an alternative to Express®. Read and follow label directions and rates.
Finesse	0.2-0.4 oz./A*	0.2-0.4 oz./A**	*For suppression only. **Will provide suppression only of yellow foxtail; provides control of green foxtail. Do not use a surfactant other than the supplied MPower Adjuvant.
Glean®	0.17-0.33 oz./A*	0.17-0.33 oz./A**	*For suppression of green foxtail only, not for control/suppression of yellow foxtail. **Will provide suppression only of yellow foxtail; provides control of green foxtail. Do not use a surfactant other than the supplied MPower Adjuvant.
Harmony® Extra	0.3-0.6 oz./A*	0.3-0.6 oz./A**	*For suppression only. **Will provide suppression only of yellow foxtail; provides control of green foxtail. Do not use a surfactant other than the supplied MPower Adjuvant. Harmony Express XP can be used as an alternative to Harmony® Extra.
Harmony GT	0.3-0.6 oz./A*	0.3-0.6 oz./A	*Suppression only of yellow foxtail. Do not use a surfactant other than the supplied MPower Adjuvant. Harmony GT XP can be used as an alternative to Harmony GT.



Product	3.2 fl. oz. MPower Clodinafop Herbicide	4.0 fl. oz. MPower Clodinafop Herbicide	Comments
Harmony GT + Buctril	0.3-0.6 oz./A + 0.75-1.5 pt./A	0.3-0.6 oz./A + 0.75-1.5 pt./A	For suppression of green foxtail only; will not provide control/suppression of yellow foxtail. Do not use a surfactant other than the supplied MPower Adjuvant. Harmony GT XP can be used as an alternative to Harmony GT. Other products containing bromoxynil as an active ingredient and labeled for this use can be used. Read and follow label directions and rates.
Harmony GT + MCPA Amine	0.3 oz./A + 0.5-0.75 pt./A*	0.3-0.6 oz./A + 0.5-0.75 pt./A*	*For suppression of green foxtail only; will not provide control/suppression of yellow foxtail. Do not use a surfactant other than the supplied MPower Adjuvant. Harmony GT XP can be used as an alternative to Harmony GT. MCPA use rate based on 4 lbs. ai per gal.
Harmony GT + MCPA Ester	0.3-0.6 oz./A + 0.5-0.75 pt./A*	0.3-0.6 oz./A + 0.5-0.75 pt./A**	*For suppression only. **For suppression only of yellow foxtail; will provide control of green foxtail. Do not use a surfactant other than the supplied MPower Adjuvant. Harmony GT XP can be used as an alternative to Harmony GT. MCPA use rate based on 4 lbs. ai per gal.
MCPA Amine	0.5-0.75 pt./A*	0.5-0.75 pt./A**	*For suppression only. **For suppression only of yellow foxtail; will provide control of green foxtail. MCPA use rate based on 4 lbs. ai per gal.
MCPA Ester	0.5-0.75 pt./A	0.5-0.75 pt./A	MCPA use rate based on 4 lbs. ai per gal.
Peak	0.25-0.5 oz./A	0.25-0.5 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant.
Peak + Bronate Advanced	--	0.25-0.5 oz./A + 0.6-1.2 pt./A	Will not provide control/suppression of yellow foxtail. Do not use a surfactant other than the supplied MPower Adjuvant. Other products containing bromoxynil/MCPA esters as active ingredients and labeled for this use can be used. Read and follow label directions and rates.
Peak + Buctril	--	0.25-0.5 oz./A + 0.75-1.5 pt./A	Will not provide control/suppression of yellow foxtail. Do not use a surfactant other than the supplied MPower Adjuvant. Other products containing bromoxynil as an active ingredient and labeled for this use can be used. Read and follow label directions and rates.
Peak + Curtail M	0.25-0.5 oz./A + 1.75 pt./A	0.25-0.5 oz./A + 1.75 pt./A	For suppression only of green foxtail. Will not provide suppression/control of yellow foxtail. Do not use a surfactant other than the supplied MPower Adjuvant.

<b>Product</b>	<b>3.2 fl. oz. MPower Clodinafop Herbicide</b>	<b>4.0 fl. oz. MPower Clodinafop Herbicide</b>	<b>Comments</b>
Peak + MCPA Amine	0.25-0.5 oz./A + 0.5-0.75 pt./A*	0.25-0.5 oz./A + 0.5-0.75 pt./A**	*For suppression only. **For suppression only of yellow foxtail. Will provide control of green foxtail. Do not use a surfactant other than the supplied MPower Adjuvant. MCPA use rate based on 4 lbs. ai per gal.
Peak + MCPA Ester (assume 4 lbs./gal.)	0.25-0.5 oz./A + 0.5-0.75 pt./A	0.25-0.5 oz./A + 0.5-0.75 pt./A	Will not provide control/suppression of yellow foxtail. Do not use a surfactant other than the supplied MPower Adjuvant. MCPA use rate based on 4 lbs. ai per gal.
Starane	0.67 pt./A*	0.67 pt./A**	*For suppression only of yellow foxtail; will provide control of green foxtail. **Only for control of green foxtail.
Starane + Bronate Advanced	0.67 pt./A + 0.6-1.2 pt./A*	0.67 pt./A + 2-2.67 pt./A	*For suppression only of yellow foxtail; will provide control of green foxtail. Other products containing bromoxynil/MCPA esters as active ingredients and labeled for this use can be used. Read and follow label directions and rates.
Starane + Curtail M	0.67 pt./A + 1.75 pt./A	0.67 pt./A + 1.75 pt./A	For suppression only of yellow foxtail; will provide control of green foxtail.
Starane + Harmony GT	0.67 pt./A + 0.3-0.6 oz./A	0.67 pt./A + 0.3-0.6 oz./A	For control only of green foxtail. Will not provide control/suppression of yellow foxtail. Do not use a surfactant other than the supplied MPower Adjuvant. Harmony GT XP can be used as an alternative to Harmony GT.
Starane + Harmony Extra	0.67 pt./A + 0.3 oz./A	0.67 pt./A + 0.3-0.4 oz./A	For suppression only of green foxtail. Will not provide control/suppression of yellow foxtail. Do not use a surfactant other than the supplied MPower Adjuvant. Harmony Extra XP can be used as an alternative to Harmony Extra.
Stinger	0.25-0.33 pt./A	0.25-0.33 pt./A	For control of green foxtail only; will not provide control/suppression of yellow foxtail.
WideMatch	1 pt./A	1 pt./A	
WideMatch + Harmony® GT	1 pt./A + 0.08-0.3 oz./A	1 pt./A + 0.08-0.3 oz./A	Harmony GT XP can be used as an alternative to Harmony GT.
WideMatch + MCPA Ester	1 pt./A + 0.5-0.75 pt./A	1 pt./A + 0.5-0.75 pt./A	MCPA use rate based on 4 lbs. ai per gal.

#### FOR CONTROL OF BARNYARDGRASS AND VOLUNTEER CORN

<b>Product</b>	<b>3.2 fl. oz. MPower Clodinafop Herbicide</b>	<b>4.0 fl. oz. MPower Clodinafop Herbicide</b>	<b>Comments</b>
Bronate Advanced™	0.8-1.2 pt./A	0.8-1.2 pt./A	Other products containing bromoxynil/MCPA esters as active ingredients and labeled for this use can be used. Read and follow label directions and rates.

<b>Product</b>	<b>3.2 fl. oz. MPower Clodinafop Herbicide</b>	<b>4.0 fl. oz. MPower Clodinafop Herbicide</b>	<b>Comments</b>
Buctril®	0.75-1.5 pt./A	0.75-1.5 pt./A	Other products containing bromoxynil as an active ingredient and labeled for this use can be used. Read and follow label directions and rates.
Buctril + MCPA Ester	0.75-1.2 pt./A + 0.5-0.75 pt./A	0.75-1.5 pt./A + 0.5-0.75 pt./A	Other products containing bromoxynil as an active ingredient and labeled for this use can be used. Read and follow label directions and rates. MCPA use rate based on 4 lbs. ai per gal.
Harmony GT	0.3-0.6 oz./A	0.3-0.6 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant. Harmony GT XP can be used as an alternative to Harmony GT.
MCPA Ester	0.5-0.75 pt./A	0.5-0.75 pt./A	MCPA use rate based on 4 lbs. ai per gal.
Peak	0.25-0.5 oz./A	0.25-0.5 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant.
WideMatch	1 pt./A	1 pt./A	
WideMatch + Harmony® GT	1 pt./A + 0.08-0.3 oz./A	1 pt./A + 0.08-0.3 oz./A	Harmony GT XP can be used as an alternative to Harmony GT.
WideMatch + MCPA Ester	1 pt./A + 0.5-0.75 pt./A	1 pt./A + 0.5-0.75 pt./A	MCPA use rate based on 4 lbs. ai per gal.

#### FOR CONTROL OF CANARYGRASS

<b>Product</b>	<b>3.2 fl. oz. MPower Clodinafop Herbicide</b>	<b>4.0 fl. oz. MPower Clodinafop Herbicide</b>	<b>Comments</b>
2, 4 Amine	0.5-0.75 pt./A	0.5-0.75 pt./A	Rates based on 4 lbs. of active ingredient per acre
Ally® Extra	0.2-0.4 oz./A	0.2-0.4 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant.
Ally	0.1 oz./A	0.1 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant. Ally XP may also be used
Amber	0.28-0.47 oz./A	0.28-0.47 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant.
Banvel®	2-3 oz./A	2-3 oz./A	Other products containing dicamba as an active ingredient and labeled for this use can be used. Read and follow label directions and rates.
Banvel SGF®	4-6 oz./A	4-6 oz./A	
Bronate Advanced™	0.8-1.2 pt./A	0.8-1.2 pt./A	Other products containing bromoxynil/MCPA esters as active ingredients and labeled for this use can be used. Read and follow label directions and rates.
Buctril®	0.75-1.5 pt./A	0.75-1.5 pt./A	Other products containing bromoxynil as an active ingredient and labeled for this use can be used. Read and follow label directions and rates.

<b>Product</b>	<b>3.2 fl. oz. MPower Clodinafop Herbicide</b>	<b>4.0 fl. oz. MPower Clodinafop Herbicide</b>	<b>Comments</b>
Buctril + MCPA Ester	0.75-1.2 pt./A + 0.5-0.75 pt./A	0.75-1.5 pt./A + 0.5-0.75 pt./A	Other products containing bromoxynil as an active ingredient and labeled for this use can be used. Read and follow label directions and rates. MCPA use rate based on 4 lbs. ai per gal.
Clarity®	2-3 oz./A	2-3 oz./A	
Curtail™	2-2.67 pt./A	2-2.67 pt./A	
Curtail M	1.75 pt./A	1.75 pt./A	
Express®	0.17-0.33 oz./A	0.17-0.33 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant. Express XP can be used as an alternative to Express®. Read and follow label directions and rates.
Finesse	0.2-0.4 oz./A	0.2-0.4 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant.
Glean®	0.17-0.33 oz./A	0.17-0.33 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant.
Harmony® Extra	0.3-0.6 oz./A	0.3-0.6 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant. Harmony Express XP can be used as an alternative to Harmony® Extra.
Harmony Extra + MCPA Ester	--	0.3-0.6 oz./A + 0.5-0.75 pt./A	Do not use a surfactant other than the supplied MPower Adjuvant. Harmony Express XP can be used as an alternative to Harmony® Extra. Read and follow label directions and rates. MCPA use rate based on 4 lbs. ai per gal.
Harmony GT	0.3-0.6 oz./A	0.3-0.6 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant. Harmony GT XP can be used as an alternative to Harmony GT.
Harmony GT + MCPA Ester	0.3-0.6 oz./A + 0.5-0.75 pt./A	0.3-0.6 oz./A + 0.5-0.75 pt./A	Do not use a surfactant other than the supplied MPower Adjuvant. Harmony GT XP can be used as an alternative to Harmony GT. MCPA use rate based on 4 lbs. ai per gal.
MCPA Amine	0.5-0.75 pt./A	0.5-0.75 pt./A	MCPA use rate based on 4 lbs. ai per gal.
MCPA Ester	0.5-0.75 pt./A	0.5-0.75 pt./A	MCPA use rate based on 4 lbs. ai per gal.
Peak	0.25-0.5 oz./A	0.25-0.5 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant.
Peak + MCPA Ester (assume 4 lbs./gal.)	0.25-0.5 oz./A + 0.5-0.75 pt./A	0.25-0.5 oz./A + 0.5-0.75 pt./A	Do not use a surfactant other than the supplied MPower Adjuvant. MCPA use rate based on 4 lbs. ai per gal.
Starane	0.67 pt./A	0.67 pt./A	
Starane + Sword	1.5 pt./A	1.5 pt./A	
Stinger	0.25-0.33 pt./A	0.25-0.33 pt./A	
WideMatch	1 pt./A	1 pt./A	
WideMatch + Harmony® GT	1 pt./A + 0.08-0.3 oz./A	1 pt./A + 0.08-0.3 oz./A	Harmony GT XP can be used as an alternative to Harmony GT.
WideMatch + MCPA Ester	1 pt./A + 0.5-0.75 pt./A	1 pt./A + 0.5-0.75 pt./A	MCPA use rate based on 4 lbs. ai per gal.

**FOR CONTROL OF GIANT FOXTAIL, PERSIAN DARNEL AND ITALIAN RYEGRASS**

<b>Product</b>	<b>4.0 fl. oz. MPower Clodinafop Herbicide</b>	<b>Comments</b>
Bronate Advanced™	0.8-1.2 pt./A	Other products containing bromoxynil/MCPA esters as active ingredients and labeled for this use can be used. Read and follow label directions and rates.
Buctril®	0.75-1.5 pt./A	Other products containing bromoxynil as an active ingredient and labeled for this use can be used. Read and follow label directions and rates.
Buctril + MCPA Ester	0.75-1.5 pt./A + 0.5-0.75 pt./A	Other products containing bromoxynil as an active ingredient and labeled for this use can be used. Read and follow label directions and rates. MCPA use rate based on 4 lbs. ai per gal.
Harmony GT	0.3-0.6 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant. Harmony GT XP can be used as an alternative to Harmony GT.
MCPA Ester	0.5-0.75 pt./A	MCPA use rate based on 4 lbs. ai per gal.
Peak	0.25-0.5 oz./A	Do not use a surfactant other than the supplied MPower Adjuvant.
WideMatch	1 pt./A	
WideMatch + Harmony® GT	1 pt./A + 0.08-0.3 oz./A	Harmony GT XP can be used as an alternative to Harmony GT.
WideMatch + MCPA Ester	1 pt./A + 0.5-0.75 pt./A	MCPA use rate based on 4 lbs. ai per gal.

Do not combine tank mixtures that are not listed in this label as crop damage or reduced control of target species may result. Herbicide products that are not specified in this label may be applied sequentially with MPower® Clodinafop Herbicide.

For sequential applications, follow this procedure:

1. Apply MPower® Clodinafop Herbicide first.
2. Wait a minimum of 4 days prior to applying the next product sequentially.

**TANK MIXTURES WITH OTHER PRODUCTS**

<b>Product</b>	<b>Directions</b>
Nitrogen Fertilizer	Combine MPower® Clodinafop Herbicide with a liquid nitrogen fertilizer of up to 50% concentration in a spray solution using the following procedure: <ol style="list-style-type: none"> <li>1. Combine MPower® Clodinafop Herbicide and water</li> <li>2. Add MPower Adjuvant and mix thoroughly</li> <li>3. Add liquid nitrogen fertilizer so that it constitutes no greater than 50% of the completed application solution</li> </ol> Application of a treatment solution containing a liquid nitrogen fertilizer may result in crop burn in certain environmental conditions.
Tilt® Fungicide	For disease and weed control, combine MPower® Clodinafop Herbicide with Tilt Fungicide. Refer to the Tilt Fungicide label for directions, restrictions and diseases controlled. Use labeled rates of Tilt Fungicide combined with MPower® Clodinafop Herbicide at a rate of 3.2-4 oz./acre. Use the following mixing procedure: <ol style="list-style-type: none"> <li>1. Add Tilt Fungicide to the mix tank</li> <li>2. Add MPower® Clodinafop Herbicide</li> <li>3. Add MPower Adjuvant</li> <li>4. Mix thoroughly</li> </ol> Read and follow the directions of all tank mix partners. The most restrictive label must apply.

Product	Directions
Warrior Insecticide	<p>For insect and weed control, combine MPower® Clodinafop Herbicide with Warrior Insecticide. Refer to the Warrior Insecticide label for directions, restrictions and insects controlled. Use labeled rates of Warrior Insecticide combined with MPower® Clodinafop Herbicide at a rate of 3.2-4 oz./acre. Use the following mixing procedure:</p> <ol style="list-style-type: none"> <li>1. Add Warrior Insecticide to the mix tank</li> <li>2. Add MPower® Clodinafop Herbicide</li> <li>3. Add MPower Adjuvant</li> <li>4. Mix thoroughly</li> </ol> <p>Read and follow the directions of all tank mix partners. The most restrictive label must apply.</p>
Quilt Fungicide	<p>For suppression of disease in the early season and grass control in all wheat varieties (including durum), combine MPower® Clodinafop Herbicide with Quilt Fungicide. Refer to the Quilt Fungicide label for directions, restrictions and diseases controlled/suppressed. Use labeled rates of Quilt Fungicide at a rate of 7 oz./acre combined with MPower® Clodinafop Herbicide at a rate of 3.2-4 oz./acre. Use the following mixing procedure:</p> <ol style="list-style-type: none"> <li>1. Add Warrior Insecticide to the mix tank</li> <li>2. Add MPower® Clodinafop Herbicide</li> <li>3. Add MPower Adjuvant</li> <li>4. Mix thoroughly</li> </ol> <p>Read and follow the directions of all tank mix partners. The most restrictive label must apply. Application of a treatment solution containing Quilt Fungicide may result in crop burn in certain environmental conditions.</p>

Read and follow the directions of all tank mix partners, including those directions relating to tank mixtures with liquid nitrogen fertilizers. The most restrictive label must apply.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in original container tightly closed and in a cool, dry place.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING:**

**Nonrefillable Container (five gallons or less):** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container 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 1/4 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. If recycling is not available, puncture or dispose of in a sanitary landfill or incineration or if allowed by state and local authorities, by burning. If burned stay out of smoke.

**Nonrefillable Container (greater than five gallons):** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 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. If recycling is not available, puncture or dispose of in a sanitary landfill or incineration or if allowed by state and local authorities, by burning. If burned stay out of smoke.

Achieve®, Amber®, Axial®, Fusilade®, Fusion®, Peak®, Quilt®, Tilt®, and Warrior® are trademarks of a Syngenta Group Company  
Affinity™, Ally®, Ally® Extra, Assure® II, Canvas®, Express®, Finesse®, Glean®, Harmony® Extra,

and Harmony® GT trademarks of E.I. duPont de Nemours and Company  
Banvel®, Banvel SGF®, Clarity®, and Poast® trademarks of BASF Ag Products Buctril®, Bronate®,  
Hoelon®, Puma™, and Rhino™ trademarks of Bayer CropScience  
Chiptox® trademark of Nufarm Americas Inc.  
Curtail™, Curtail™ M, Starane™, Stinger™, and WideMatch™ trademarks of Dow AgroSciences,  
LLC  
Double Up® B+D trademark of Helena Chemical Company  
Prism® and Select® trademarks of Valent Agricultural Products  
Sword® trademark of Platte Chemical Company  
WECO MAX™ trademark of Wilbur-Ellis Company

## WARRANTY STATEMENT

The label instructions for use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of **NewAgco, Inc.** All risks shall be assumed by the user.

To the extent consistent with applicable law, **NewAgco, Inc.**, or Seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product and **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF NEWAGCO, INC. AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF NEWAGCO, INC., OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

**NewAgco, Inc.** warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for use therein described when used in accordance with the Directions for Use set forth in the Complete Directions for Use booklet (Directions), subject to the risks referred to above. Any damage arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages, such as loss of profits or values or any other special or indirect damages.

**NewAgco, Inc.** makes no other express or implied warranty including any other express or implied warranty of FITNESS or MERCHANTABILITY. The sale of this product does not include a license under any patent owned by **NewAgco, Inc.**

[Base Label, 1.25 Gallon Jug]

## MPower® Clodinafop Herbicide

A postemergence herbicide for control of grass weeds in spring wheat and Durum wheat

Active Ingredient:	
Clodinafop-propargyl* .....	22.3%
Other Ingredients: .....	77.7%
Total: .....	100.0%

\*CAS No. 105512-06-9

This product contains petroleum distillates.

MPower® Clodinafop Herbicide contains 2 lbs. of clodinafop-propargyl active ingredient per gallon.

EPA Reg. No. 86794-A

EPA Est.

**See Directions for Use, Storage and Disposal, and other Precautionary Statements inside attached booklet.**

### AGRICLUTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

### KEEP OUT OF REACH OF CHILDREN.

### WARNING/AVISO

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

### FIRST AID

<b>IF IN EYES</b>	<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 the first 5 minutes, then continue rinsing.</li> <li>• Call a Poison Control Center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING</b>	<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>
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor for treatment advice.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give any liquid to the person.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF INHALED</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>

### NOTE TO PHYSICIAN

Contains petroleum distillates. Vomiting may cause aspiration pneumonia.



**HOT LINE NUMBER**

Have the product container or label with you when calling a Poison Control Center or doctor, or when going for treatment. For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378.

**Precautionary Statements  
Hazards to Humans and Domestic Animals  
WARNING/AVISO**

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Avoid contact with skin, eyes or clothing. Wear protective eyewear such as safety glasses. Harmful if swallowed or absorbed through skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

**Personal Protective Equipment (PPE)**

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

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Waterproof or chemical-resistant gloves, such as barrier laminate or Viton
- Shoes plus socks
- Protective eyewear
- Chemical-resistant apron when cleaning equipment, mixing, or loading

**USER SAFETY REQUIREMENTS**

Follow the 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 Statements**

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

**USER SAFETY RECOMMENDATIONS****Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**Environmental Hazards**

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash water or rinsate. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**Physical or Chemical Hazards**

Do not use or store near heat or open flame. Do not mix or allow product to come in contact with oxidizing agents. Hazardous chemical reaction may occur.

**Aerial Drift Management Requirements**

Do not apply this product by air, unless the supplemental labeling on **Aerial Drift Management** in attached booklet is followed.

**Chemigation Prohibition**

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

| ~~[EPA 20141219]~~EPA 20150401