

# Chlormet™

## Herbicide

*For Use on Wheat, Barley, and Fallow*

*Dry Flowable*

### Active Ingredient

*By Weight*

Chlorsulfuron

2-Chloro-N-[(4-methoxy-6-methyl  
-1,3,5-triazin-2-yl)aminocarbonyl]  
benzenesulfonamide

62.5%

Metsulfuron Methyl

Methyl 2-[[[(4-methoxy-6-methyl  
-1,3,5-triazin-2-yl)amino]carbonyl]  
amino]sulfonyl]benzoate

12.5%

### Inert Ingredients

25.0%

TOTAL

100%

EPA Reg. No. 352-445-85588

U.S. Pats. 4,127,405 & 4,383,113

### KEEP OUT OF REACH OF CHILDREN

### CAUTION

### 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-888-261-1410 for emergency medical treatment information.

### PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION!** Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Avoid breathing dust or spray mist.

### PERSONAL PROTECTIVE EQUIPMENT

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

#### *Applicators and other handlers must wear:*

Long-sleeved shirt and long pants.

Chemical Resistant Gloves Category A (such as butyl rubber, natural rubber, neoprene rubber, or nitrile rubber), all  $\geq$ 14 mls.

Shoes plus socks

Follow manufacturers instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### USER SAFETY RECOMMENDATIONS

**USERS SHOULD:** Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

### ENVIRONMENTAL HAZARDS

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

## 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 4 hours.

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

Coveralls.

Chemical Resistant Gloves Category A, (such as butyl rubber, natural rubber, neoprene rubber, or nitrile rubber), all  $\geq$ 14 mls.

Shoes plus socks.

Chlormet™ herbicide should be used only in accordance with recommendations on this label or in separate published Agsurf recommendations.

Agsurf will not be responsible for losses or damages resulting from the use of this product in any manner not specifically recommended by Agsurf.

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

## GENERAL INFORMATION

Chlormet™ herbicide is recommended for use on land primarily dedicated to the long-term production of wheat and barley.

Chlormet™ herbicide is a dry-flowable granule that controls weeds in wheat (including durum), barley and fallow.

Chlormet™ herbicide is recommended for use in all states (except in Alamosa, Conejos, Costilla, Rio Grande, and Saguache counties of Colorado - unless directed otherwise by supplemental labeling).

Chlormet™ herbicide is mixed in water or may be slurried in water then added directly into liquid nitrogen fertilizer solutions and applied as a uniform broadcast spray. A surfactant should be used in the spray mix unless otherwise specified on this label. Chlormet™ herbicide is noncorrosive, nonflammable, nonvolatile, and does not freeze.

Chlormet™ herbicide controls weeds by both preemergence and postemergence activity. For best preemergence results, apply Chlormet™ herbicide before weed seeds germinate. Use sprinkler irrigation or allow rainfall to move Chlormet™ herbicide 2" to 3" deep into the soil profile.

For best postemergence results, apply Chlormet™ herbicide to young, actively growing weeds. The use rate depends upon the weed spectrum and size of weeds at the time of application. The degree and duration of control may depend on the following:

- weed spectrum and infestation intensity
- weed size at application
- environmental conditions at and following treatment

### *Environmental Conditions and Biological Activity*

Chlormet™ herbicide is absorbed through the roots and foliage of plants, rapidly inhibiting the growth of susceptible weeds. For Preplant and Preemergence weed control, rainfall is needed to move Chlormet™ herbicide into the soil. Weeds will generally not emerge from Preplant and Preemergence applications. In some cases, susceptible weeds may germinate and emerge a few days after application, but growth then ceases and leaves become chlorotic three to five days after emergence. Death of leaf tissue and growing point will follow in some species, while others will remain green but stunted and noncompetitive.

One to three weeks after Postemergence application to weeds, leaves of susceptible plants appear chlorotic, and the growing point subsequently dies. In warm, moist conditions, the expression of herbicide symptoms is accelerated; in cold, dry conditions, expression of herbicide symptoms is delayed. Death of leaf tissue will follow in some species, while others

will remain green but stunted and noncompetitive. Postemergence weed control may be reduced if rainfall occurs within 6 hrs after application.

Chlormet™ herbicide provides the best control of weeds in vigorously growing crops that shade competitive weeds. Weed control in areas of thin crop stand or seeding skips may not provide satisfactory control. However, a crop canopy that is too dense at application can intercept spray and reduce weed control.

The herbicidal action of Chlormet™ herbicide may be less effective on weeds stressed from adverse environmental conditions (such as extreme temperatures or moisture, drought stress), abnormal soil conditions, or cultural practices that increase weed stress. In these cases, tank mix Chlormet™ herbicide with other registered herbicides (such as 2,4-D, or MCPA) to aid in control.

## **USE RATES AND APPLICATION TIMING**

### ***WHEAT AND BARLEY***

#### ***Preplant and Preemergence***

**Preplant/Preemergence applications are recommended for winter and spring wheat only.**

Chlormet™ herbicide can be tank mixed with other products registered for preplant/preemergence use in wheat (such as “Roundup”).

Crop injury may result if Chlormet™ herbicide is used where an organophosphate insecticide (such as “Di-Syston”) has been applied or is intended for use as an in-furrow treatment.

#### **WINTER WHEAT**

Preplant: Chlormet™ herbicide may be applied at 2/10 to 4/10 oz per acre (before winter wheat is planted).

Preemergence: Chlormet™ herbicide may be applied at 2/10 to 5/10 oz per acre (after planting but before winter wheat emerges).

- In WY, MT, ND, SD, and MN, do not exceed 3/10 oz per acre Preemergence.
- The 5/10 oz per acre rate applied Preemergence is only recommended for suppressing bromus species (cheat, downy brome, Japanese brome), and annual ryegrass.

#### **SPRING WHEAT**

Chlormet™ herbicide may be applied Preplant or Preemergence at 2/10 to 4/10 oz per acre in spring wheat (except Durum wheat and Wampum variety of Spring Wheat).

- In WY, MT, ND, SD, and MN, do not exceed 3/10 oz per acre Preplant or Preemergence.

Durum Wheat and Wampum Variety of Spring Wheat - Make applications of Chlormet™ herbicide Postemergence only.

Do not apply preemergence to late fall plantings when cold and/or dry weather can cause delayed seedling emergence and/or stress to seedling plants. Under these conditions, wait until crop has emerged and is showing good vigor before making a postemergence treatment. Crop injury may result when preemergence applications of Chlormet™ herbicide are made to wheat seeded less than 1" deep.

#### ***Postemergence***

Chlormet™ herbicide can be tank mixed with other products registered for postemergence use in wheat and barley.

Chlormet™ herbicide should not be used within 60 days of crop emergence if an organophosphate insecticide (such as “Di-Syston”) was used as an in-furrow treatment, or crop injury may result.

Use 2/10 to 4/10 oz per acre.

Postemergence: Apply Chlormet™ herbicide to wheat or barley any time after the crop is in the 1-leaf stage, but before boot stage.

In areas where late fall or winter cold weather conditions are unpredictable and can be severe (such as the Pacific Northwest and Northern plains), to avoid crop injury due to cold weather, do not make applications during the 1 to 4-leaf stage of wheat or barley. The combined effects of herbicide stress plus cold weather stress can result in greater crop injury than either stress factor alone.

**Do not apply Chlormet™ herbicide during the boot stage or early heading stage, as crop injury may result.**

#### ***FALLOW***

Chlormet™ herbicide may be used as a fallow treatment, and may be tank mixed with other herbicides that are registered for use in fallow. Apply Chlormet™ herbicide at 2/10 - 4/10 oz per acre in the spring or fall when the majority of weeds have emerged and are actively growing.

Read and follow all manufacturer’s label recommendations for the companion herbicide. If those recommendations conflict with this label, do not tank mix the herbicide with Chlormet™ herbicide.

## WEEDS CONTROLLED—Chlormet™ herbicide Use Rates

Chlormet™ herbicide effectively controls the following weeds when applied at the rates shown:

### 2/10 to 3/10 oz per acre

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Blue mustard	Mayweed chamomile
Broadleaf dock	Miners lettuce
Bur beakchervil	Pineappleweed
Bur buttercup (testiculate)	Prickly lettuce‡†
Carolina geranium	Prostrate pigweed
Chickweed (common, jagged, mouseear)	Plains coreopsis
Conical catchfly	Purslane
Corn spurry	Redstem filaree
Cow cockle	Redroot pigweed
Curly dock	Shepherd's purse
Cutleaf evening primrose	Smallseed falseflax
False chamomile	Smooth pigweed
Field pennycress	Tansymustard*†
Flixweed*†	Treacle mustard (Bushy wallflower)
Groundsel	Tumble mustard (Jim Hill)
Hempnettle	Virginia pepperweed
Henbit	White cockle
Lady's thumb	Wild mustard
Lambsquarters	Wild carrot

### 3/10 to 4/10 oz per acre

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Annual bluegrass*†	Knotweed (prostrate)*†
Annual ryegrass*†	Kochia*†‡
Annual sowthistle	Pennsylvania smartweed*
Bedstraw*†	Prickly poppy (pinnate)
Bromus species (cheat, downy brome, Japanese brome)*†	Russian thistle*†‡
Canada thistle*†	Speedwell (common, ivyleaf)*
Coast fiddleneck (tarweed)	Sunflower†
Corn gromwell*†	Vetch†
Dove foot geranium	Wild buckwheat†
Green foxtail (pigeongrass)*	Wild radish†

### 5/10 oz per acre

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Bromus species (cheat, downy brome, Japanese brome)\*†  
Annual ryegrass\*†

\* When used as directed, weeds are suppressed and/or controlled. Weed suppression is a visible reduction in weed competition (reduced population and/or vigor) as compared to an untreated area. Degree of suppression will vary with rate used, size of weeds, and environmental conditions following treatment.

† See the **Specific Weed Problems** section for more information regarding controlling and suppressing these weeds.

‡ Naturally occurring resistant biotypes of kochia, prickly lettuce and Russian thistle are known to occur. See the **Tank Mixtures** and **Specific Weed Problems** sections of this label for additional details.

## APPLICATION INFORMATION

### Product Measurement

Chlormet™ herbicide is measured using the Chlormet™ herbicide volumetric measuring cylinder. The degree of accuracy of this cylinder varies by  $\pm 7.5\%$ . For more precise measurement, use scales calibrated in ounces.

### Pesticide Handling

- Calibrate sprayers only with clean water away from the well site.
- Make scheduled checks of spray equipment.
- Ensure accurate measurement of pesticides by all operation employees.
- Mix only enough product for the job at hand.
- Avoid overfilling of spray tank.
- Do not discharge excess material on the soil at a single spot in the field/grove or mixing/loading station.
- Dilute and agitate excess solution and apply at labeled rates/uses.
- Avoid storage of pesticides near well sites.
- When triple rinsing the pesticide container, be sure to add the rinsate to the spray mix.

## **Mixing Instructions**

1. Fill the tank 1/4 to 1/3 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 Chlormet™ herbicide.
3. Continue agitation until the Chlormet™ herbicide is fully dispersed, at least 5 minutes.
4. Once the Chlormet™ herbicide is fully dispersed, maintain agitation and continue filling tank with water. Chlormet™ herbicide should be thoroughly mixed with water before adding any other material.
5. As the tank is filling, add tank mix partners (if desired) then add the necessary volume of nonionic surfactant. Always add surfactant last.
6. If the mixture is not continuously agitated, settling will occur. If settling occurs, thoroughly re-agitate before using.
7. Apply Chlormet™ herbicide spray mixture within 24 hours of mixing to avoid product degradation.
8. If Chlormet™ herbicide and a tank mix partner are to be applied in multiple loads, pre-slurry the Chlormet™ herbicide in clean water prior to adding to the tank. This will prevent the tank mix partner from interfering with the dissolution of the Chlormet™ herbicide.

Do not use Chlormet™ herbicide with spray additives that reduce the pH of the spray solution to below 3.0.

## **Ground Application**

To obtain optimum spray distribution and thorough coverage, use flat-fan or low-volume flood nozzles.

When using flat-fan nozzles, use a spray volume of at least 3 GPA. When using flood nozzles on 30" spacings, use at least 10 GPA, flood nozzles no larger than TK10 (or the equivalent), and a pressure of at least 30 psi. For 40" nozzle spacings, use at least 13 GPA; for 60" spacings, use at least 20 GPA. It is essential to overlap the nozzles 100% for all spacings.

With "Raindrop" RA nozzles, do not use less than 20 GPA and overlap nozzles 100%.

Use screens that are 50-mesh or larger.

## **Aerial Application**

Use nozzle types and arrangements that provide optimum spray distribution and maximum coverage at 1 to 5 GPA. Use at least 3 GPA in Idaho, Oregon and Washington.

When applying Chlormet™ herbicide by air in areas near sensitive crops, use solid-stream nozzles oriented straight back. Adjust swath to avoid spray drift damage to downwind sensitive crops and/or use ground equipment to treat border edge of field. See the **Spray Drift Management** section of this label.

## **Surfactants**

Unless otherwise specified, add an Agsurf-recommended, nonionic surfactant having at least 80% active ingredient at 0.125 to 0.5% v/v (0.5 to 2 qt per 100 gal of spray solution).

The higher rate of surfactant is particularly effective with spray volumes of 5 gallons per acre (GPA) or less and when using low rates of Chlormet™ herbicide. Consult your agricultural dealer, applicator, or Agsurf representative for a listing of recommended surfactants.

Antifoaming agents may be used if needed.

**Do not use low rates of liquid nitrogen fertilizer solution as a substitute for surfactant.**

## **Tank Mixtures**

Chlormet™ herbicide may be tank mixed with other registered herbicides for use on wheat, barley, and fallow to control weeds listed as suppressed, weeds resistant to Chlormet™ herbicide or weeds not listed under **Weeds Controlled**. Read and follow all manufacturer's label recommendations for the companion herbicide. If those recommendations conflict with this label, do not tank mix the herbicide with Chlormet™ herbicide.

Chlormet™ herbicide can also be mixed with registered fungicides, insecticides, or liquid fertilizer for use on wheat or barley.

Since tank-mix partners can interfere with Chlormet™ herbicide dispersion in the spray solution, it is recommended that Chlormet™ herbicide be slurried in a separate container before adding it to the tank mix. Chlormet™ herbicide must be in suspension in the spray tank before adding companion products.

### ***With Other Herbicides***

For postemergence applications to broadleaf weeds, Chlormet™ herbicide may be tank mixed or used sequentially with one or more registered broadleaf or grass herbicides, such as:

2,4-D (amine or ester)	1/4 to 1/2 lb active ingredient per acre
MCPA (amine or ester)	1/4 to 1/2 lb active ingredient per acre
Bromoxynil: such as	
“Buctril” 4EC	1/4 to 1 pt per acre
“Bronate”	1/2 to 2 pt per acre
“Curtail” & “Curtail” M	1 to 2 pt per acre
Metribuzin: such as	
“Sencor” DF)	1.5 to 8 oz active per acre
Dicamba: such as	
“Banvel”*	1/8 to 1/4 pt per acre
“Banvel” SGF*	1/4 to 1/2 pt per acre
“Clarity”	1/8 to 1/4 pt per acre
Diuron: such as	
“Karmex” DF or “Direx” 80DF	1 to 1 1/2 lb per acre
“Direx” 4L	0.8 to 1.2 qt per acre

\* Tank mixes with Dicamba (such as “Banvel”, “Banvel” SGF and “Clarity”) may result in reduced weed control of some broadleaf weeds.

When tank mixing Chlormet™ herbicide and “Assert”, ALWAYS include another broadleaf herbicide with a different mode of action (such as: 2,4-D ester, or MCPA ester). Follow the surfactant recommendation on the companion herbicide label. Tank-mix applications of Chlormet™ herbicide plus “Assert” may cause temporary crop discoloration/stunting or injury when heavy rainfall occurs shortly after application.

Tank mixtures with “Hoelon” 3EC may result in reduced wild oat control.

See recommendations for several of these tank mixtures given below and in the **Specific Weed Problems** section of this label.

### ***With 2,4-D (amine or ester) or MCPA (amine or ester)***

Chlormet™ herbicide can be used as a tank-mix treatment with 2,4-D or MCPA (ester formulations provide best results) herbicides after weeds have emerged. For best results, use 2/10 to 4/10 oz of Chlormet™ herbicide per acre; add 2,4-D or MCPA herbicides to the tank at 1/4 to 1/2 lb active ingredient. Surfactant may be added to the mixture at 1/2 to 1 qt per 100 gal of spray solution; however, adding surfactant may increase the potential for crop injury. Do not add a surfactant when Chlormet™ herbicide plus 2,4-D or MCPA is applied with liquid fertilizer.

Apply Chlormet™ herbicide plus MCPA after the 3 to 5-leaf stage but before boot stage. Apply Chlormet™ herbicide plus 2,4-D after tillering but before boot stage (refer to the appropriate 2,4-D manufacturer’s label). Applying a tank mixture of Chlormet™ herbicide, 2,4-D, or MCPA and liquid fertilizer when temperatures are below freezing or when the crop is stressed from cold weather just prior to winter dormancy can result in foliar burn and/or crop injury.

### ***With Diuron (such as “Karmex” DF or Diuron DF)***

In areas where annual bluegrass, annual ryegrass, corn groundsel, green foxtail (pigeongrass) and wild buckwheat are the main weed problems, apply 1 to 1 1/2 lb per acre of “Karmex” DF or Diuron DF plus 3/10 to 4/10 oz per acre Chlormet™ herbicide preemergence. For best results between 1/2" and 1" of rainfall is needed within 1 to 2 weeks after application. Follow all restrictions on the Diuron labels.

### ***With Insecticides***

Chlormet™ herbicide may be tank mixed with insecticides registered for use on wheat, barley, and fallow. However, under certain conditions (drought or cold stress while crop is in the 2- to 4-leaf stage), tank mixtures or sequential treatments of Chlormet™ herbicide and organophosphate insecticides (such as methyl or ethyl parathion, or “Di-Syston”) may produce temporary crop yellowing or, in severe cases, crop injury. The potential for crop injury is greatest when there are wide fluctuations in day/night temperatures just prior to or soon after treatment. Read and follow directions on companion product labels and limit first use to a small area. If no symptoms of crop injury appear, larger acreage can be treated.

Do not apply Chlormet™ herbicide within 60 days of crop emergence where an organophosphate insecticide (such as “Di-Syston”) has been applied as an in-furrow treatment, as crop injury may result.

**Do not use Chlormet™ herbicide plus “Malathion”, as crop injury may result.**

In the Pacific Northwest, do not use Chlormet™ herbicide with “Lorsban”, as crop injury may result.

### ***With Fungicides***

Chlormet™ herbicide may be tank mixed with “Manzate” 200DF fungicide or other fungicides whenever the proper timing for herbicide and fungicide treatments coincide.

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

Liquid nitrogen fertilizer solutions may be used as a carrier in place of water. Run a tank mix compatibility test before mixing Chlormet™ herbicide in fertilizer solution. If 2,4-D or MCPA is included with Chlormet™ herbicide and fertilizer mixture, ester formulations tend to be more compatible (See manufacturer’s label).

Do not add surfactant when using Chlormet™ herbicide in tank mix with 2,4-D ester or MCPA ester and liquid nitrogen fertilizer solutions.

Do not use with liquid fertilizer solutions with a pH less than 3.0.

Do not use low rates of liquid fertilizer solution as a substitute for surfactant.

If using low rates of liquid nitrogen fertilizer in the spray solution (less than 50% of the spray solution volume), the addition of surfactant is necessary. When using high rates of liquid nitrogen fertilizer in the spray solution, adding surfactant increases the risk of crop injury. Consult local recommendations for details on surfactant addition.

### ***Specific Weed Problems***

#### **Annual bluegrass/annual ryegrass**

##### Chlormet™ herbicide Preemergence

Apply Chlormet™ herbicide at 5/10 oz per acre preemergence after planting winter wheat but before wheat emerges.

or

Apply Chlormet™ herbicide at 5/10 oz per acre preemergence after planting winter wheat but before wheat emerges followed by a sequential application of metribuzin (such as “Sencor” DF) at 2.25 to 4.5 oz active per acre in the fall once the wheat has reached the 4 to 5-leaf stage of growth and the annual grassy weeds are in the 1 to 3-leaf stage of growth.

or

For improved control in the Pacific Northwest, apply a tank mix of Chlormet™ herbicide at 3/10 to 4/10 oz per acre plus “Karmex” DF or Diuron DF at 1 1/2 lb per acre preemergence to bluegrass or ryegrass. One-half to 1” of rainfall is needed to move the herbicides into the weed root zone prior to bluegrass or ryegrass emergence.

##### Chlormet™ herbicide Postemergence

Apply a tank mix of Chlormet™ herbicide at 2/10 to 4/10 oz per acre and metribuzin (such as “Sencor” DF) at 2.25 to 3 oz active per acre postemergence to the crop and grassy weeds when wheat has reached the 4 to 5-leaf stage of growth and the grassy weeds have reached the 1 to 3-leaf stage of growth.

Note : See Bromus species (cheat, downy brome, Japanese brome) section for additional information on the use of metribuzin (such as “Sencor” DF).

#### **Bedstraw**

Apply Chlormet™ herbicide at 4/10 oz per acre. For postemergence treatments, apply before bedstraw is over 2" long; use 2 qt of surfactant per 100 gal of spray solution.

#### **Bromus species (cheat, downy brome, Japanese brome)**

Best suppression of these grasses is achieved by applications of Chlormet™ herbicide with metribuzin (such as “Sencor” DF) either in tank mixtures or as sequential treatments.

Additional information may be available in a metribuzin supplemental label for winter wheat, barley, and fallow.

Allow for adequate rainfall (1/2 to 1") to move Chlormet™ herbicide and metribuzin (such as “Sencor” DF) into the weed root zone before weeds germinate and develop an established root system. Lack of adequate rainfall following application will result in reduced performance.

To avoid the risk of cold weather-related crop injury and lack of performance, apply metribuzin (such as “Sencor” DF) before winter dormancy of the crop and grassy weeds. Excessive rainfall immediately after application may result in crop injury. Do not tank mix Chlormet™ herbicide plus metribuzin with any other pesticide other than surfactants recommended on either the Chlormet™ herbicide or metribuzin labels. Apply only to metribuzin-approved varieties, see label for listing of sensitive wheat and barley varieties.

##### Preemergence/Sequential Applications

Apply Chlormet™ herbicide at 5/10 oz per acre preemergence after planting winter wheat but before wheat emerges. A sequential application of metribuzin (such as “Sencor” DF) may be applied at 2.25 to 3 oz active per acre in the fall once the wheat has reached the 4 to 5-leaf stage of growth and the annual grassy weeds are in the 1 to 3-leaf stage of growth.

Idaho, Oregon, and Washington—Apply Chlormet™ herbicide at 4/10 to 5/10 oz per acre after planting winter wheat but before wheat emerges.

If suppression of brome grass is not satisfactory following the preemergence application of Chlormet™ herbicide, apply a sequential treatment of metribuzin (such as “Sencor” DF) at 1.5 to 3 oz active per acre in the fall when the

crop is in the 2-leaf to 3 tiller stage or 3.75 to 6 oz active per acre after winter wheat has at least 4 tillers, 2 inches of secondary root systems throughout the field and actively growing.

#### Postemergence Tank-Mix Applications

Apply a tank mix of Chlormet™ herbicide at 2/10 to 4/10 oz per acre and metribuzin (such as “Sencor” DF) at 2.25 to 3 oz active per acre postemergence to the crop and grassy weeds when wheat has reached the 4 to 5-leaf stage of growth and the grassy weeds have reached the 1 to 3-leaf stage of growth.

**Idaho, Oregon, and Washington**—Where broadleaf weeds and brome grass are the problem, apply a tank mix of Chlormet™ herbicide at 3/10 to 4/10 oz per acre and metribuzin (such as “Sencor” DF) at 1.5 to 3 oz active per acre in the fall when wheat or barley is in the 2-leaf to 3-tiller stage or use Chlormet™ herbicide at 3/10 to 4/10 oz and metribuzin at 3.75 to 6 oz active per acre when wheat or barley has at least 4 tillers, 2 inches of secondary root systems throughout the field and actively growing. For best results, make application before brome grass is in the 2 to 3 leaf stage. Consult precautions and recommendations on the metribuzin labeling before making this application.

**Canada thistle:** Apply Chlormet™ herbicide with surfactant after the majority of thistles have emerged and while they are small (rosette stage to 4" - 6" tall) and actively growing. For maximum long-term effect, yearly treatment may be required.

**Corn growwell:** Apply Chlormet™ herbicide at 4/10 oz per acre or tank mix Chlormet™ herbicide with Bromoxynil (such as “Buctril” or “Bronate”), and apply postemergence to the crop when weeds are small and actively growing.

#### **Flixweed, Tansymustard**

For best results, tank mix Chlormet™ herbicide with 2,4-D or MCPA (esters or amines) and apply postemergence when weeds are actively growing.

**Kochia, Russian thistle, Prickly lettuce:** Naturally occurring resistant biotypes of these weeds are known to occur. For best results, Chlormet™ herbicide should be applied postemergence in the spring. Apply when kochia, Russian thistle, and prickly lettuce are less than 2" tall or 2" across and are actively growing. Use Chlormet™ herbicide in a tank mix with Dicamba (such as “Banvel”/“Banvel” SGF/“Clarity”) and/or 2,4-D and 2 qt surfactant per 100 gal of spray solution.

**Prostrate knotweed:** For best results, apply Chlormet™ herbicide preemergence at 3/10 to 4/10 oz per acre to knotweed in the fall.

For postemergence treatments, tank mix Chlormet™ herbicide at 3/10 to 4/10 oz per acre with 2,4-D, MCPA, Dicamba (such as “Banvel”/“Banvel” SGF/“Clarity”) and/or Bromoxynil (such as “Buctril” or “Bronate”) and surfactant. Apply to small, actively growing plants (no more than 4 true leaves). For maximum postemergence control, knotweed plants should remain actively growing for 3 to 4 days following application.

**Sunflower:** For best results, apply Chlormet™ herbicide after the majority of sunflowers have emerged and are small (not more than 2" tall) and are actively growing. Add surfactant at 2 qt per 100 gal of spray solution. If Chlormet™ herbicide is applied preemergence, make application in early spring to allow for timely and adequate rainfall to move Chlormet™ herbicide into the weed root zone before weeds germinate and develop an established root system.

**Note:** In areas of high rainfall, fall applications may not provide adequate residual control of sunflowers.

Deep-germinating sunflowers that emerge after a spring treatment may not be controlled.

**Vetch:** For best results, apply Chlormet™ herbicide postemergence at 4/10 oz per acre plus 1/4 lb active ingredient per acre of 2,4-D or MCPA (amine or ester) and surfactant.

**Wild buckwheat:** For best results, apply Chlormet™ herbicide preemergence at 4/10 oz per acre to wild buckwheat in the fall or early spring.

For postemergence applications, tank mix Chlormet™ herbicide at 4/10 oz per acre with 2,4-D, MCPA, Dicamba (such as “Banvel”/“Banvel” SGF/“Clarity”) and/or Bromoxynil (such as “Buctril” or “Bronate”) and surfactant. Apply after the majority of seedlings have emerged and are actively growing.

Note : In certain situations 3/10 oz of Chlormet™ herbicide may provide acceptable control of Wild buckwheat. Consult local Agsurf recommendations for additional information.

**Wild radish:** For best results, apply Chlormet™ herbicide at 3/10 to 4/10 oz per acre postemergence.

## CROP ROTATION

Before using Chlormet™ herbicide, carefully consider your crop rotation plans and options. For rotational flexibility, do not treat all of your wheat, barley, or fallow acres at the same time.

### Minimum Rotation Intervals

Minimum rotation intervals\* are determined by the rate of breakdown of Chlormet™ herbicide applied. Chlormet™ herbicide breakdown in the soil is affected by soil pH, soil temperature, soil microorganisms, and soil moisture. Low soil pH, high soil temperature, and high soil moisture increase Chlormet™ herbicide breakdown in soil, while high soil pH, low soil temperature, and low soil moisture slow Chlormet™ herbicide breakdown.

Of these three 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 rotating to other crops.

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

### Soil pH Limitations

Chlormet™ herbicide should not be used on fields having a soil pH above 7.9, as extended soil residual activity could extend crop rotation intervals beyond those specified in the rotation table, and under certain conditions, could injure wheat or barley. In addition, other crops planted in high-pH soils can be extremely sensitive to low concentrations of Chlormet™ herbicide.

Chlormet™ herbicide should not be used on soils with a pH below 5.0, as additional crop stress from low pH and aluminum toxicity may result in crop injury.

### Checking Soil pH

Before using Chlormet™ herbicide, determine the soil pH of the field. To obtain a representative pH value, take several samples from different areas of the field between 0" and 4" deep and analyze them separately. Consult local extension publications for additional information on recommended soil sampling procedures.

## Cereal Crops—Rotation Intervals

Location	Soil pH*	Application Rate (oz/A)	Minimum Rotation Interval (Months)		
			Wheat/Rye/Triticale**	Oat	Barley
NE, KS, OK, TX	7.9 or lower	2/10 to 4/10	0	10	10
	7.9 or lower	5/10	4	10	16
CO, NE (Panhandle), Southeastern WY	7.9 or lower	2/10 to 4/10	0	10	10
ID, OR, WA, MT, ND, SD, and WY (except Southeastern WY)	6.5 or lower	2/10 to 4/10	0	10	10
	6.6 to 7.9	2/10 to 4/10	0	10	16

\* See the **Maximum Use Rates** and **Soil pH Limitations** sections of this label.

\*\* For Durum wheat and Wampum variety of Spring Wheat, follow the rotation intervals listed under Barley

## Non Cereal Crops—Rotation Intervals—Non Irrigated Land

Location		Crop	Soil pH	Application Rate (oz/A)	Cumulative Precipitation (Inches)	Rotation Interval (Months)
State	County or Area					
Colorado	E. of Continental Divide	Field corn,	7.4 or lower	2/10 to 4/10	20	11
		Millets	7.5 to 7.9	2/10 to 4/10	45	36
		Grain sorghum	7.5 or lower	2/10 to 4/10	45	36
Idaho*	Northern (Benewah, Bonner, Boundary, Clearwater, Idaho, Koontenai, Latah, Lewis, and Nez Perce counties)	Pea (dry)	6.5 or lower	2/10 to 4/10	35	24
		Lentils	6.5 or lower	2/10 to 4/10	50	36
Kansas	All areas	Field Corn,	7.4 or lower	2/10 to 4/10	20	11
		Millets	7.5 to 7.9	2/10 to 4/10	45	36
	Central (Generally E. of Highway 183, W. of the Flint Hills)	Grain sorghum	7.9 or lower	2/10 to 5/10	25	14
	W. Central and Western (generally W. of Highway 183 to the western edge of Grant, Kearny, Logan, Rawlins, Stevens, Thomas, and Wichita counties)	Grain sorghum	7.5 or lower	2/10 to 4/10	21	14
		Soybeans	7.5 or lower	2/10 to 4/10	40	24
		7.6 to 7.9	2/10 to 4/10	60	36	
	Far Western (In the last tier of counties along the KS/CO border: Cheyenne, Greeley, Hamilton, Morton, Sherman, Stanton, and Wallace)	Grain sorghum	7.5 or lower	2/10 to 4/10	36	26
		Soybeans	7.6 to 7.9	2/10 to 4/10	60	48
Nebraska	All areas	Field Corn,	7.4 or lower	2/10 to 4/10	20	11
		Millets	7.5 to 7.9	2/10 to 4/10	45	36
	S. Central (Franklin, Nuckolls, Thayer, and Webster counties)	Grain sorghum	7.9 or lower	2/10 to 5/10	25	14
		Soybeans				
Western counties (Chase, Dundy, Frontier, Furnas, Gosper, Harlan, Hayes, Hitchcock, Perkins, Phelps, and Red Willow)		Grain sorghum,	7.5 or lower	2/10 to 4/10	40	24
		Soybeans	7.6 to 7.9	2/10 to 4/10	60	36
Panhandle (Deuel, Garden, and Sheridan counties and all counties W. to the WY border)		Grain sorghum	7.5 or lower	2/10 to 4/10	45	24
Oklahoma	All areas	Field Corn,	7.4 or lower	2/10 to 4/10	20	11
		Millets	7.5 to 7.9	2/10 to 4/10	45	36
	East of Panhandle	Grain sorghum,	7.9 or lower	2/10 to 5/10	25	14
		Cotton,				
		Mung beans,				
		Soybeans				
Panhandle		Grain sorghum	7.9 or lower	2/10 to 4/10	30	25

*Non Cereal Crops—Rotation Intervals—Non Irrigated Land (continued)*

Location		Crop	Soil pH	Application Rate (oz/A)	Cumulative Precipitation (Inches)	Rotation Interval (Months)
State	County or Area					
Oregon*	Northeastern counties (Baker, Umatilla, Union, Wallowa)	Pea (dry)	6.5 or lower	2/10 to 4/10	35	24
		Lentils	6.5 or lower	2/10 to 4/10	50	36
	West of the Cascades	Ryegrass (annual and perennial) Crimson Clover	6.5 or less	2/10 to 4/10	20	9
		Red Clover Snap Beans	6.5 or less	2/10 to 4/10	40	15
		Field Corn	6.5 or less	2/10 to 4/10	60	22
Texas	All areas	Field Corn, Millets	7.4 or lower	2/10 to 4/10	20	11
			7.5 to 7.9	2/10 to 4/10	45	36
	Eastern counties †	Grain sorghum, Cotton, Mung beans, Soybeans	7.9 or lower	2/10 to 5/10	25	14
	† The Eastern counties are: Archer, Bell, Bosque, Bowie, Camp, Cass, Clay, Colin, Cooke, Coryell, Dallas, Delta, Denton, Ellis, Falls, Fannin, Franklin, Grayson, Hill, Hood, Hopkins, Hunt, Jack, Johnson, Kaufman, Lamar, Limestone, McLennan, Milam, Montague, Morris, Navarro, Palo Pinto, Parker, Rains, Red River, Robertson, Rockwall, Somervell, Tarrant, Titus, Upshur, Van Zandt, Wichita, Williamson, Wise, Wood, Young					
	Central counties‡	Cotton, Grain sorghum	7.9 or lower	2/10 to 4/10	25	14
			7.9 or lower	5/10	46	26
‡ The Central counties are: Baylor, Callahan, Eastland, Foard, Hardeman, Haskell, Knox, Shackelford, Stephens, Throckmorton, Wilbarger						
	Panhandle	Grain sorghum	7.9 or lower	2/10 to 4/10	30	25
Washington*	Eastern (Asotin, Columbia, Garfield, Pend Oreille, Spokane, Stevens, Walla Walla, Whitman)	Pea (dry)	6.5 or lower	2/10 to 4/10	35	24
		Lentils	6.5 or lower	2/10 to 4/10	50	36
Wyoming	Southeastern counties (Platte, Gosen, and Laramie)	Field corn, Millets	7.4 or lower	2/10 to 4/10	20	11
			7.5 to 7.9	2/10 to 4/10	45	36
		Grain sorghum	7.5 or lower	2/10 to 4/10	45	36
			7.6 to 7.9	2/10 to 4/10	60	48
<b>Note:</b> Do not plant sorghum grown for hybrid seed production.						
* In Idaho, Oregon & Washington for peas and lentils, a field bioassay is required if soil pH is above 6.5						

## BIOASSAY

A field bioassay must be completed before rotating to any crop not listed (See 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, or if the minimum cumulative precipitation has not occurred since application.

### **Field Bioassay**

To conduct a field bioassay, grow test strips of the crop or crops you plan to grow the following year in fields previously treated with Chlormet™ herbicide. Crop response to the bioassay will indicate whether or not to rotate to the crop(s) grown in the test strips.

If a field bioassay is planned, check with your local Agsurf representative for information detailing the field bioassay procedure.

## GRAZING

There are no grazing restrictions on Chlormet™ herbicide.

## SPRAY EQUIPMENT

For specific application equipment, refer to the manufacturer's recommendations for additional information on GPA, pressure, speed, nozzle types and arrangements, nozzle heights above the target canopy.

Be sure to calibrate air or ground equipment properly before application. 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 crop canopy is dense. Avoid swath overlapping, and shut off spray booms while starting, turning, slowing, or stopping, to avoid injury to the crop.

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 Chlormet™ herbicide in suspension.

## SPRAYER CLEANUP

Spray equipment must be cleaned before Chlormet™ herbicide is sprayed. Follow the cleanup procedures specified on the labels of previously applied products. If no directions are provided, follow the 6 steps outlined in the **After Spraying Chlormet™ herbicide and before Spraying Crops Other Than Wheat or Barley** section.

### **At the End of the Day**

When multiple loads of Chlormet™ herbicide are applied, it is recommended that during periods 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 be flushed. This will prevent the buildup of dried pesticide deposits from accumulating in the application equipment.

### **After Spraying Chlormet™ herbicide and before Spraying Crops Other Than Wheat or Barley**

To avoid subsequent injury to desirable crops, thoroughly clean all mixing and spray equipment immediately following applications of Chlormet™ 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 at least 3% active ingredient) 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 ammonia\* and water.
4. Repeat step 2.
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. If other cleaners are used, consult the cleaner label for rinsate disposal instructions. If no instructions are given, dispose of the rinsate on site or at an approved waste disposal facility.

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

### **Notes:**

1. **Caution:** 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 Chlormet™ 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 preapplication cleanout 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 Chlormet™ herbicide and applications of other pesticides to Chlormet™ herbicide-sensitive crops during the same spray season, it is recommended that a sprayer be dedicated to Chlormet™ herbicide to further reduce the chance of crop injury.

## SPRAY DRIFT MANAGEMENT

The interaction of many equipment and weather-related factors determines the potential for spray drift. The applicator is responsible for considering all these factors when making application decisions.

AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

### **Importance of Droplet Size**

The most effective way to reduce drift potential is to apply large droplets (>150 - 200 microns). The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. The presence of sensitive species nearby, the environmental conditions, and pest pressure may affect how an applicator balances drift control and coverage.

**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** sections of this label.

#### **Controlling Droplet Size - General Techniques**

- **Volume** - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- **Pressure** - Use the lower spray pressures recommended for the nozzle. Higher pressure reduces droplet size and does not improve canopy penetration. **WHEN HIGHER FLOW RATES ARE NEEDED, USE A HIGHER-CAPACITY NOZZLE INSTEAD OF INCREASING PRESSURE.**
- **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.

#### **Controlling Droplet Size - Aircraft**

- **Number of Nozzles** - Use the minimum number of nozzles with the highest flow rate that provide uniform coverage.
- **Nozzle Orientation** - Orienting nozzles so that the spray is emitted backwards, parallel to the airstream will produce larger droplets than other orientations.
- **Nozzle Type** - Solid stream nozzles (such as disc and core with swirl plate removed) oriented straight back produce larger droplets than other nozzle types.
- **Boom Length** - The boom length should not exceed 3/4 of the wing or rotor length - longer booms increase drift potential.
- **Application Height** - Application more than 10 ft above the canopy increases the potential for spray drift.

### **Boom Height**

Set the boom at the lowest height that provides uniform coverage and reduces the exposure of droplets to evaporation and wind. For ground equipment, the boom should remain level with the crop and have minimal bounce.

### **Wind**

Drift potential increases at wind speeds of less than 3 mph (due to inversion potential) or more than 10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given wind speed. **AVOID APPLICATIONS DURING GUSTY OR WINDLESS CONDITIONS.**

**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 hot and dry conditions, set up equipment to produce larger droplets to reduce effects of evaporation.

### **Temperature Inversions**

Drift potential is high during a temperature inversion. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain close to the ground and move laterally in a concentrated cloud. Temperature inversions are characterized by increasing temperature 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.

### **Shielded Sprayers**

Shielding the boom or individual nozzles can reduce the effects of wind. However, it is the responsibility of the applicator to verify that the shields are preventing drift and not interfering with uniform deposition of the product.

### **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, is configured properly, and that drift is not occurring.

## **INTEGRATED PEST MANAGEMENT**

Agsurf recommends the use of Integrated Pest Management (IPM) programs to control pests. This product may be used as part of an Integrated Pest Management (IPM) program which can include biological, cultural, and genetic practices aimed at preventing economic pest damage. Application of this product should be based on IPM principles and practices including 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 or site systems in your area.

## **WEED RESISTANCE**

Biotypes of certain weeds listed on this label are resistant to Chlormet™ herbicide and other herbicides with the same mode of action\*, even at exaggerated application rates. Biotypes are naturally occurring individuals of a species that are identical in appearance but have slightly different genetic compositions; the mode of action of an herbicide is the chemical interaction that interrupts a biological process necessary for plant growth and development.

If weed control is unsatisfactory, it may be necessary to retreat problem areas using a product with a different mode of action, such as postemergence broadleaf and/or grass herbicides.

If resistant weed biotypes such as kochia, prickly lettuce, and Russian thistle are suspected or known to be present use a tank-mix partner with Chlormet™ herbicide to help control these biotypes, or use a planned herbicide rotation program where other residual broadleaf herbicides having different modes of action are used.

To better manage weed resistance when using Chlormet™ herbicide, use a combination of tillage, and tank-mix partners or sequential herbicide applications that have a different mode of action than Chlormet™ herbicide, to control escaped weeds. Do not let weed escapes go to seed.

Consult your agricultural dealer, consultant, applicator, and/or appropriate state agricultural extension service representative for specific alternative herbicide recommendations available in your area.

It is advisable to keep accurate records of pesticides applied to individual fields to help obtain information on the spread and dispersal of resistant biotypes.

\* Naturally occurring weed biotypes that are resistant to "Amber" herbicide, "Ally" herbicide, "Glean" FC herbicide, "Express" herbicide, or "Harmony" Extra herbicide will also be resistant to Chlormet™ herbicide.

## **PRECAUTIONS**

- Wheat and barley varieties may differ in their response to various herbicides. Agsurf 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 Chlormet™ herbicide to a small area.
- Do not apply to wheat or barley undersown with legumes and grasses, as injury to the forages will result.
- Do not apply to frozen ground where surface runoff may result.
- Do not apply to snow-covered ground.
- Do not apply to irrigated land where tailwater will be used to irrigate other cropland.
- Wherever Chlormet™ herbicide is used on land previously treated with "Glean" FC, "Ally", "Amber", "Assert", or other longer residual herbicides with the same mode of action, read the rotational guidelines on both labels and follow the one with the longest interval stated for your situation before choosing to rotate to crops other than wheat or barley.
- Do not use less than 2/10 oz per acre of Chlormet™ herbicide preplant, preemergence, or postemergence.
- 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 adjacent crops may result when treated soil is blown onto land used to produce crops other than cereal grains.
- For ground applications applied postemergence to weeds when dry, dusty field conditions exist, control of weeds in wheel track areas may be reduced. The addition of 2,4-D or MCPA should improve weed control under these conditions.

- Do not apply Chlormet™ herbicide preemergence on wheat if the wheat has germinated and has started to emerge above the soil surface.
- Do not use Chlormet™ herbicide preemergence on wheat that has been planted into dry soil (“dusted in”) or on very coarse, uneven seedbeds.
- Temporary discoloration and/or crop injury may occur if Chlormet™ herbicide is applied when the crop is stressed by severe weather conditions (such as heavy rainfall, prolonged cold weather, or wide fluctuations in day/night temperatures), disease or insect damage, low fertility, applications to coarse soils, or when applied in combination with surfactant and high rates of liquid nitrogen fertilizer solutions.
- 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 may 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, or similar areas.
  - Take all necessary precautions to avoid all direct or indirect contact (such as spray drift) with non-target plants or areas.
  - Carefully observe sprayer cleanup instructions, both prior to and after using this product, as spray tank residue may damage crops other than wheat or barley.

## **STORAGE AND DISPOSAL**

**Storage:** Store product in original container only. Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Store in a cool, dry place.

**Product Disposal:** Do not contaminate water, food, or feed by disposal. Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal: For Plastic Containers:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke. **For Fiber Sacks:** Completely empty fiber sack by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into manufacturing or application equipment. Then dispose of sack in a sanitary landfill or by incineration if allowed by State and local authorities. **For Fiber Drums With Liners:** Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner. **For Bags Containing Water Soluble Packets:** Do not reuse the outer box or the resealable plastic bag. When all water-soluble packets are used, the outer packaging should be clean and may be disposed of in a sanitary landfill or by incineration, or if allowed by State and local authorities, by open burning. If burned, stay out of smoke. If the resealable plastic bag contacts the formulated product in any way, the bag must be triple-rinsed with clean water. Add the rinse to the spray tank and dispose of the outer wrap as described above. **For Metal Containers (non aerosol):** Triple rinse (or equivalent) the container. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. **For Paper and Plastic Bags:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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