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A AGENT TO STATE OF THE STATE O	U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505C) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460	EPA Reg. Number: 34704-1004	Date of Issuance: MAY 13 2008
(under FIFRA, as amende	NOTICE OF PESTICIDE: X Registration Reregistration	Term of Issuance: Conditional Name of Pesticide Prod LP1 Chlor-Metsu	
Name and Address of R Loveland Produc P. O. Box 1286 Greeley, CO 806		· · · · · · · · · · · · · · · · · · ·	
Registration Division pric	g differing in substance from that accepted in connection with this region to use of the label in commerce. In any correspondence on this proof on furnished by the registrant, the above named pesticide is hereby reg	luct always refer to the above El	A registration number.
environment, the Admini	to be construed as an endorsement or recommendation of this product strator, on his motion, may at any time suspend or cancel the registration with the registration of a product under this Act is not to be construe covered by others.	on of a pesticide in accordance	with the Act. The acceptance
1. Submit and/or	onditionally registered in accordance with FIFI recite all data required for registration/reregistratrants of similar products to submit such data.		•
	owing label changes before you release the proeting the "EPA Registration No. 34704-1004."	duct for shipment:	

5308

James A. Fompkins, Product Manager (25)
Horbicide Branch, Registration Division (7505P)

Signature of Approving Official:

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- b. Revise the last sentence of the Environmental Hazards section to read "Do not contaminate water when **cleaning equipment or** disposing of equipment washwaters.
- c. Revise the first paragraph following the Agricultural Use Requirements Box to read similar to "LPI Chloro-Metsulf should be only used in accordance with **instructions** on this label or in separate published Loveland Products, Inc. **instructions**." The Agency no longer allows the use of the word "recommendations" in this context.
- d. Under General Information, revise the first sentence to read similar to "This product is **registered** for use on land primarily dedicated to the long-term product of wheat and barley." The Agency no longer permits use of the word "recommended" when referring to use sites.
- e. Under General Information, revise the third paragraph to read similar to "This product is **approved** for use on all states..." The Agency no longer permits use of the word "recommended" in this context.
- 3. Submit one copy of revised final printed label for the record before you release the product for shipment.

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

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



LPI CHLOR-METSUL

ACCEPTED with COMMENTS In EPA Letter Dated:

MAY 13 2008

Under the Sederal Insecticite, Fringicide, and Hadensfelde field, in smended, for the positified registered under EPA Reg. No. 34704-1004

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-	-vI)
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:	
	TOTAL 100.0%

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.
	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.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL:

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-800-301-7976.

EPA REG. NO. 34704-EPA EST. NO. 34704-MS-001 NET CONTENTS 1 LB. 2 OZS. (18 OZS.)

01/08

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 ≥14 mls., and 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 green-nouses, 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 (REI). 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 (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 mis., and shoes plus socks.

LPI Chlor-Metsul should be used only in accordance with recommendations on this label or in separate published Loveland Products, Inc. recommendations.

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

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

GENERAL INFORMATION

This product is recommended for use on land primarily dedicated to the long-term production of wheat and barley.

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

This product 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).

This product 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. This product is noncorrosive, nonflammable, nonvolatile, and does not freeze.

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

For best postemergence results, apply this product 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

This product 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 this product 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.

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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.

This product 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 this product 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 In these cases, tank mix this product 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.

This product can be tank mixed with other products registered for preplant/preemergence use in wheat (such as Roundup)

Crop injury may result if this product 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: This product may be applied at 2/10 to 4/10 oz per acre (before winter

Preemergence: This product 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 9 no oz per acre <u>Preemergence</u>. The 5 no oz per acre rate applied <u>Preemergence</u> is only recommended for sup pressing bromus species (cheat, downy brome, Japanese brome), and annual rvegrass.

SPRING WHEAT

This product 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 this product 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 this product are made to wheat seeded less than 1" deep.

Postemergence

This product can be tank mixed with other products registered for postemergence use in wheat and barley. This product 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 this product 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 this product during the boot stage or early heading stage, as crop injury may result.

FALLOW

This product may be used as a fallow treatment, and may be tank mixed with other herbicides that are registered for use in fallow. Apply this product at 2/10 to 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 this product.

WEEDS CONTROLI/ This product effective

LPI Chlor-Metsul Use Rates trols the following weeds when applied at the rates

shown ²/10 to ³/10 oz per acre Blue mustard

Broadleaf dock Bur beakchervil Bur buttercup (testiculate) Carolina geranium Chickweed (common, jagged, mouseear) Conical catchfly Corn spurry Cow cockle

Curly dock Cutleaf evening primrose False chamomile Field pennycress Flixweed*† Groundsel

Hempnettle Lady's thumb Lambsquarters Mayweed chamomile Miners lettuce Pineapoleweed Prickly lettuce‡† Prostrate pigweed Plains coreopsis Purslane-Redstem filaree Redroot pigweed Shepherd's purse Smallseed falseflax Smooth pigweed Tansymustard*† Treacle mustard (Bushy wallflower)
Tumble mustard (Jim Hill) Virginia pepperweed White cockle Wild mustard

3/10 to 4/10 oz per acre

Annual bluegrass*† Annual ryegrass*† Annual sowthistle Bedstraw*† Bromus species (cheat. downy brome. Japanese brome)*† Canada thistle*† Coast fiddleneck (tarweed)

Corn gromwell*† Dove foot geranium Green foxtail (pigeongrass)*

Knotweed (prostrate)*† Kochia*†‡ Pennsylvania smartweed* Prickly poppy (pinnate) Russian thistle*†‡ Speedwell (common, ivvleaf) Sunflowert Vetch†

Wild buckwheat† Wild radisht

Wild carrot

5/10 oz per acre

Bromus species (cheat, downy brome, Japanese brome)*† Annual ryegrass*1

- 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

This product is measured using the product volumetric measuring cylinder. The degree of accuracy of this cylinder varies by ± 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 this product.
- 3. Continue agitation until the this product is fully dispersed, at least 5 minutes.
- 4. Once this product is fully dispersed, maintain agitation and continue filling tank with water. This product 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 this product spray mixture within 24 hours of mixing to avoid product degradation.
- 8. If this product and a tank mix partner are to be applied in multiple loads, pre-slurry this product in clean water prior to adding to the tank. This will prevent the tank mix partner from interfering with the dissolution of this

Do not use this product with spray additives that reduce the pH of the spray solution to below 3.0.

LPI CHLC VIETSUL

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 this product 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 a Loveland Products, Inc. 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). Loveland Products, Inc. recommends using Activator 90 or Liberate.

The higher rate of surfactant is particularly effective with spray volumes of 5 (GPA) or less and when using low rates of this product. Consult your agricultural dealer, applicator, or Loveland Products, Inc. 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

This product may be tank mixed with other registered herbicides for use on wheat, barley, and fallow to control weeds listed as suppressed, weeds resistant to this product 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 this product.

This product can also be mixed with registered fungicides, insecticides, or liquid fertilizer for use on wheat or barley.

Since tank-mix partners can interfere with this product's dispersion in the spray solution, it is recommended that this product be slurried in a separate container before adding it to the tank mix. This product must be in suspension in the spray tank before adding companion products.

With Other Herbicides

Direx 4L

For postemergence applications to broadleaf weeds, this product 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
MACDA (amina ar actor)	14 to ½ lb active
MCPA (amine or ester)	
	ingredient per acre
Bromoxynil: such as	
Buctril 4EC	1/4 to 1 pt per acre
Bronate	½ 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 ½ lb per acre

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

0.8 to 1.2 qt per acre

When tank mixing this product 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 this product plus Assert may cause temporary crop discoloration/stunting or injury when heavy rainfall occurs shortly after application.

Tank mixtures with H 3EC may result in reduced wild oat control.

See recommendations or 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)

This product 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 this product per acre; add 2,4-D or MCPA herbicides to the tank at ½ to ½ lb active ingredient. Surfactant may be added to the mixture at ½ 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 this product plus 2,4-D or MCPA is applied with liquid fertilizer.

Apply this product plus MCPA after the 3 to 5-leaf stage but before boot stage. Apply this product 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 this product, 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 gromwell, green foxtail (pigeongrass) and wild buckwheat are the main weed problems, apply 1 to 1½ lb per acre of Karmex DF or Diuron DF plus 3 /10 to 4 /10 oz per acre of this product premergence. For best results between ½" and 1" of rainfall is needed within 1 to 2 weeks after application. Follow all restrictions on the Diuron labels.

With Insecticides

This product 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 this product 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 this product 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 this product plus Malathlon, as crop injury may result,

In the Pacific Northwest, do not use this product with Lorsban, as crop injury may result.

With Fungicides

This product may be tank mixed with Benlate fungicide or 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 this product in fertilizer solution. If 2,4-D or MCPA is included with this product and fertilizer mixture, ester formulations tend to be more compatible (see manufacturer's label).

Do not add surfactant when using this product 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 a 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

LPI Chlor-Metsul Preemergence

Apply this product at 5/10 oz per acre preemergence after planting winter wheat but before wheat emerges.

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Apply this product 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.

For improved control in the Pacific Northwest, apply a tank mix of this product at 3 710 to 4 710 oz per acre plus Karmex DF or Diuron DF at 1 1½ lb per acre preemergence to bluegrass or ryegrass. One-half to 1 1" of rainfall is needed to move the herbicides into the weed root zone prior to bluegrass or ryegrass emergence.

LPI Chlor-Metsul Postemergence

Apply a tank mix of this product 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

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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 this product 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 this product 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 (½ to 1") to move this product 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 this product plus metribuzin with any other pesticide other than surfactants recommended on either this product or metribuzin labels. Apply only to metribuzin-approved varieties; see label for listing of sensitive wheat and barley varieties.

Preemergence/Sequential Applications

Apply this product 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 this product at 4/10 to 5/10 oz per acre after planting winter wheat but before wheat emerges.

If suppression of bromegrass is not satisfactory following the preemergence application of this product, 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" of secondary root systems throughout the field and actively growing.

Postemergence Tank Mix Applications

Apply a tank mix of this product 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 bromegrass are the problem, apply a tank mix of this product 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 this product 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 bromegrass is in the 2 to 3-leaf stage. Consult precautions and recommendations on the metribuzin labeling before making this application.

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

Corn gromwell: Apply this product at 4/10 oz per acre or tank mix this product 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 this product 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, this product should be applied

postemergence in the large square and prickly lettuce are less than 2 are across and are actively growing. Use this product in a tank mix with Dicamba (such as Banvel/Banvel SGF/Clarity) and/or 2,4-D and 2 qts surfactant per 100 gals of spray solution.

Prostrate knotweed: For best results, apply this product preemergence at 3/10 to 4/10 oz per acre to knotweed in the fall.

For postemergence treatments, tank mix this product at 3 no to 4 no 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 this product 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 this product is applied preemergence, make application in early spring to allow for timely and adequate rainfall to move this product into the weed root zone before weeds germinate and develop an established root system.

 $\mbox{\bf Note:}$ 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 this product postemergence at 4 /10 oz per acre plus 4 lb active ingredient per acre of 2,4-D or MCPA (amine or ester) and surfactant.

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

For postemergence applications, tank mix this product 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 _{no} oz of this product may provide acceptable control of Wild buckwheat. Consult local Loyeland Products, Inc. recommendations for additional information

Wild radish: For best results, apply this product at 3 /10 to 4 /10 oz per acre post-emergence.

CROP ROTATION

Before using this product, 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 the product applied. This product's 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 this product's breakdown in soil, while high
soil pH, low soil temperature, and low soil moisture slow this product's 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 LPI Chlor. Metsul application to the anticipated date of the next planting.

Soil pH Limitations

This product 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 this product.

This product 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 this product, 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.

	Application Rate		Minimum Rotation Interval (Months)		
Location	Soil pH*	(oz per acre)	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	6.5 or lower	2/10 tO 4/10	0	10	10
WY (except Southeastern WY)	6.6 to 7.9	2/10 to 4/10	0	1 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

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Non Cereal Crops—Rotation Intervals—Non Irrigated Land

	Location	1		Application	Cumulative Precipitation	Rotation Interval
State	County or Area	Crop	Soil pH	Rate (oz per acre)	(Inches)	(Months)
Colorado	E. of Continental Divide	Field corn,	7.4 or lower	2/10 to 4/10	20	11
		Millets Grain sorghum	7.5 to 7.9 7.5 or lower	2/10 to 4/10 2/10 to 4/10	45 45	36
		Grain sorgium	7.6 to 7.9	2/10 tO 4/10	60	48
idaho*	Northern (Benewah, Bonner, Boundary, Clearwater, Idaho, Koontenai, Latah, Lewis, and Nez Perce	Pea (dry)	6.5 or lower	2/18 to 4//10	35	24
	counties)	Lentils	6.5 or lower	² /10 to ⁴ /10	50	36
Kansas	All areas	Field Corn, Millets	7.4 or lower 7.5 to 7.9	² /10 to ⁴ /10 ² /10 to ⁴ /10	20 45	11 36
	Central (Generally E. of Highway 183, W. of the Flinthills)	Grain sorghum Soybeans	7.9 or lower	² /10 to ⁵ /10	25	14
•	W. Central and Western	Grain sorghum	7.5 or lower	2/10 to 4/10	21	14
	(generally W. of Highway	Coutonna	7.6 to 7.9	2/10 to 4/10 ·	42	26
	183 to the western edge of Grant, Kearny, Logan, Rawlings, Stevens, Thomas, and Wichita counties)	Soybeans	7.5 or lower 7.6 to 7.9	2/10 to 4/10 2/10 to 4/10	40 60	24 36
	Far Western (In the last tier of counties along the KS/CO border: Cheyenne, Greeley, Hamilton, Morton, Sherman, Stanton, and Wallace)	Grain sorghum Soybeans	7.5 or lower 7.6 to 7.9	2/10 to 4/10 2/10 to 4/10	36 60	26 48
Nebraska	All areas	Field Corn,	7.4 or lower	2/10 to 4/10	20	11
	S Control /Frenklin	Millets Grain corebum	7.5 to 7.9	² /10 to ⁴ /10 ² /10 to ⁵ /10	45 25	36
	S. Central (Franklin, Nuckolls, Thayer, and Webster counties)	Grain sorghum Soybeans	7.9 or lower	2/10 10 9/10	25	14
	Western counties (Chase,	Grain sorghum,	7.5 or lower	2/10 to 4/10	40	24
	Dundy, Frontier, Furnas, Gosper, Harlan, Hayes, Hitchcock, Perkins, Phelps, and Red Willow)	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, Millets	7.4 or lower 7.5 to 7.9	2/10 tO 4/10 2/10 tO 4/10	20 45	11 36
	East of Panhandle	Grain sorghum, Cotton, Mung beans, Soybeans	7.9 or lower	2/10 to 5/10	25	14
	Panhandle	Grain sorghum	7.9 or lower	2/10 to 4/10	30	25
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 10 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 7.5 to 7.9	² /10 to ⁴ /10 ² /10 to ⁴ /10	20 45	11 36
	Eastern counties †	Grain sorghum, Cotton, Mung beans, Soybeans	7.9 or lower	2/10 to 5/10	25	14
	† The Eastern counties are: Al Ellis, Falls, Fannin, Franklin, Gr Montague, Morris, Navarro, Pal Van Zandt, Wichita, Williamson	rcher, Bell, Bosque, Bowi ayson, Hill, Hood, Hopkir o Pinto, Parker, Rains, R	ns, Hunt, Jack, Johns	son, Kaufman, Lamar, Lir	nestone, McLenna	ın, Milam,
	Central counties‡	Cotton, Grain sorghum	7.9 or lower 7.9 or lower	2/10 to 4/10 5/10	25 46	14 26
	† The Central counties are: Bit Throckmorton, Wilbarger Penhandle	-				
	Panhandle	Grain sorghum	7.9 or lower	2/10 to 4/10	30	25

Note: 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

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Non Cereal Crops—Rotation Intervals—Non Irrigated Land cont'd.:

Location					Cumulative	Rotation
State	County or Area	Crop	Soil pH	Application Rate (oz per acre)	Precipitation (Inches)	Interval (Months)
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
,	Southeastern counties (Platte, Gosen, and Laramie)	Field corn, Millets	7.4 or lower 7.5 to 7.9	² /10 to ⁴ /10 ² /10 to ⁴ /10	20 45	11 36
		Grain sorghum	7.5 or lower 7.6 to 7.9	² /10 to ⁴ /10 ² /10 to ⁴ /10	45 60	36 48

Note: 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 this product. 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 Loveland Products, Inc. representative for information detailing the field bioassay procedure.

GRAZING

There are no grazing restrictions on this product.

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 this product in suspension.

SPRAYER CLEANUP

Spray equipment must be cleaned before this product 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 THIS PRODUCT AND BEFORE SPRAYING CROPS OTHER THAN WHEAT OR BARLEY section.

At the End of the Day

When multiple loads of this product 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 LPI Chlor-Metsul 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 this product as follows:

1. Drain tank; thoroughly rinse spray tanks, boom, and hoses with clean water.

- Drain tank; thoroughly rinse spray tanks, boom, and hoses with clean water. Loosen and physically remove any visible deposits.
 Fill the tank with clean water and 1 gal of household ammonia* (contains at
- 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 minutes. Flush the hoses, boom, and nozzles again with the cleaning solution. and then drain the tank.
- Remove the nozzles and screens and clean separately in a bucket containing armonia* 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 a Loveland Products, Inc. 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 Loveland Products, Inc. representative for a listing of approved spray equipment cleaners.

Notes:

- Caution: Do not use chlorine bleach with ammonia, as dangerous gases will form. Do not clean equipment in an enclosed area.
- Steam-cleaning aerial spray tanks is recommended prior to performing the above cleanout procedure to facilitate the removal of any caked deposits.
 When this product 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 this product and applications of other pesticides to this product-sensitive crops during the same spray season, it is recommended that a sprayer be dedicated to this product 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.

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.

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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

Loveland Products, Inc. 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 this product 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 this product 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 this product, use a combination of tillage, and tank-mix partners or sequential herbicide applications that have a different mode of action than this product, 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 this product.

PRECAUTIONS

- Wheat and barley varieties may differ in their response to various herbicides.
 Loveland Products, Inc. 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 this product 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 this product 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 the oz per acre of this product 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 rain fall, 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.
- addition of 2,4-D or MCPA should improve weed control under these conditions.

 Do not apply this product preemergence on wheat if the wheat has germinated and has started to emerge above the soil surface.
- Do not use this product 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 this product 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

PESTICIDE 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.

PESTICIDE 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 triplerinsed with clean water. Add the rinsate 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

For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC - 1-800-424-9300.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY BEFORE BUYING OR USING THIS PRODUCT, read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVE-LAND PRODUCTS, INC. or the seller is authorized to vary in any way.

Follow the Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop or other plant injury, ineffectiveness, or other unintended consequences may result from such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this product's label, or use of this product contrary to the label instructions, all of which are beyond the control of LOVELAND PRODUCTS, INC. and the seller. The buyer or user of this product assumes all such inherent risks.

Subject to the foregoing inherent risks, LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when the product is used in strict accordance with such Directions for Use under normal conditions of use. EXCEPT AS WARRANTED IN THIS LABEL, THIS PRODUCT IS SOLD AS IS TO THE EXTENT ALLOWED BY APPLICABLE LAW. LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ELIGIBILITY OF THIS PRODUCT FOR ANY PARTICULAR TRADE USAGE.

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IN THE UNLIKELY EVENT THAT BUYER OR USER BELIEVES THAT LOVELAND PRODUCTS, INC. HAS BREACHED A WARRANTY CONTAINED IN THIS LABEL, BUYER OR USER MUST SEND, TO THE EXTENT REQUIRED BY APPLICABLE LAW, WRITTEN NOTICE OF SUCH CLAIM TO THE FOLLOWING ADDRESS: LOVELAND PRODUCTS, INC., ATTENTION: LAW DEPARTMENT, 7251 WEST 4TH STREET, GREELEY, CO 80634.

TO THE EXTENT ALLOWED BY APPLICABLE LAW, THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT, INCLUDING BUT NOT LIMITED TO CLAIMS OF BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, STRICT LIABILITY, OR OTHER TORTS, SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. TO THE EXTENT ALLOWED BY APPLICABLE LAW, LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAM-AGES IN THE NATURE OF A PENALTY.

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LPI CHLOR-METSUL HIGHLIGHTS

- · For preplant/preemergence weed control in winter and spring wheat (except durum wheat and wampum variety of spring wheat).
- · For postemergence broadleaf weed control in both winter and spring wheat and
- Recommended for land primarily dedicated to long-term production of wheat or barley (see CROP ROTATION section for information).
- Preplant, preemergence, or postemergence :
- Use ²/₁₀ to ⁵/₁₀ oz per acre depending on growing area, application method, and weeds to be controlled.
- · Apply postemergence to wheat and barley any time after the crop is in the 1leaf stage, but before boot stage.
- · No grazing restrictions.
- · May be applied by ground or by air.
- Use in tank mixtures with other registered herbicides for broader spectrum weed control (see TANK MIXTURES).
- For fallow, use in combinations with other herbicides. Apply in the spring or fall when the majority of weeds have emerged and are actively growing.
 Consult label text for complete instructions. Always read and follow label
- DIRECTIONS FOR USE

FORMULATED FOR

