



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

November 27, 2024

Arianna shorey  
Regulatory Consultant for Loveland Products, Inc.  
Pyxis Regulatory Consulting Inc.  
535 Dock St, Ste 211  
Tacoma, WA 98402

Subject: Label Amendment - Registration Review Mitigation for Fenoxaprop-p-ethyl, Company Label Standardization Changes for Consistency, and Addition of Tank-mix Partner Language  
Product Name: LPI fenoxaprop-p-ethyl  
EPA Registration Number: 34704-1092  
Application Date: February 13, 2018 & October 10, 2024  
Decision Numbers: 585668 & 596297  
Case Numbers: 483979

Dear Arianna Shorey:

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

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

registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Caleb Carr by phone at (202) 566-0636, or via email at [carr.caleb@epa.gov](mailto:carr.caleb@epa.gov).

Sincerely,



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

ENCLOSURE: Stamped label

{Note to reviewer: [Text] in brackets denotes optional text. In instances where a word or phrase has multiple optional text options, at least one will be used to ensure that the entire statement is clear and understandable. {Text} in braces denotes where in the final label text will appear and notes to reviewer and will not be included on the final printed label.}

<b>FENOXAPROP-P-ETHYL</b>	<b>GROUP</b>	<b>1</b>	<b>HERBICIDE</b>
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# **LPI Fenoxaprop-P-Ethyl**

{Alternate Brand Name:} [Double Check®]

## **Herbicide**

**For Selective Postemergence Control of Barnyardgrass, Green and Yellow Foxtail (Pigeongrass), Wild and Volunteer Millet Species, Wild Oat in Barley and Wheat (including Durum Wheat)**

**For Selective Postemergence Annual and Perennial Grass Control in Perennial Ryegrass, Tall Fescue and Certain Cultivars of Annual Ryegrass Grown for Seed in Oregon, Utah, and Washington**

**ACTIVE INGREDIENTS:**

Fenoxaprop-p-ethyl: (+)-ethyl 2-[4-[(6-chloro-2-benzoxazolyl)oxy]phenoxy]propanoate ..... 11.53%\*

**OTHER INGREDIENTS:** ..... 88.47%\*\*

**TOTAL** ..... 100.00%

\* Equivalent to 1.0 pound of pure fenoxaprop-p-ethyl (d isomer) per gallon.

\*\*Contains petroleum distillates

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

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

<b>FIRST AID</b>	
<b>If in eyes:</b>	<ul style="list-style-type: none"><li>Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li><li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li><li>Call a poison control center or doctor for treatment advice.</li></ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"><li>Take off contaminated clothing.</li><li>Rinse skin immediately with plenty of water for 15 to 20 minutes.</li><li>Call a poison control center or doctor for treatment advice.</li></ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"><li>Immediately call a poison control center or doctor for treatment advice.</li><li><b>DO NOT</b> induce vomiting unless told to do so by a poison control center or doctor.</li><li>Have person sip a glass of water if able to swallow.</li><li><b>DO NOT</b> give anything by mouth to an unconscious person.</li></ul>
<b>NOTE TO PHYSICIAN:</b> Probable mucosal damage may contraindicate the use of gastric lavage. May pose an aspiration pneumonia hazard.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact Rocky Mountain Poison and Drug Safety at <b>1-866-944-8565</b> for emergency medical treatment information.	

**For Medical Emergencies or for Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC at 1-800-424-9300.**

[See] [inside] [label] [booklet] [side] [panel] [for] [First Aid][.] [additional] [Precautionary Statements][.] [and] [Directions for Use] [including] [Storage and Disposal] [instructions][.]

EPA REG. NO.: 34704-1092

EPA EST. NO.:

NET CONTENTS: GAL ( L )

[LABEL PRINTING CODE]

Manufactured for:

**Loveland Products, Inc.®**

P.O. BOX 1286

Greeley, [CO][Colorado] 80632-1286 [USA]

**ACCEPTED**

Nov 27, 2024

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under  
EPA Reg. No. 34704-1092

[IRRD V7 1124]

[1]

[LPI FENOXAPOP-P-ETHYL]  
[EPA REG. NO. 34704-1092]

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

Causes substantial but temporary eye injury. Causes skin irritation. Harmful if swallowed. **DO NOT** get in eyes, on skin or on clothing. Wash thoroughly with soap and water after handling.

**Personal Protective Equipment (PPE):**

- Coveralls worn over short-sleeved shirt and short pants.
- Protective eyewear (goggles, safety glasses, faceshield)
- Chemical resistance footwear, socks
- Chemical resistant gloves made of barrier laminate or Viton  $\geq$  14 mils

**ENGINEERING CONTROL STATEMENT**

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

**USER SAFETY REQUIREMENTS**

Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. **DO NOT** reuse them. If no such instructions for washables exists, 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.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the pesticide off of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates or nontarget plants. **DO NOT** apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. **DO NOT** contaminate water by cleaning of equipment or disposal of equipment washwaters.

**PRODUCT INFORMATION**

LPI Fenoxaprop-P-Ethyl is a postemergence herbicide for the control of Barnyardgrass, Green and Yellow foxtail (Pigeongrass), Volunteer and Wild millet species and Wild oat in barley and wheat (including durum wheat). LPI Fenoxaprop-P-Ethyl is also used for postemergence control of annual and perennial grassy weeds in several established perennial grass crops in Oregon, Utah, and Washington only.

## **DIRECTIONS FOR USE**

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

**DO NOT** use this product until you have read the entire label. **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.

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**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

**Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.**

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, wear:

- Coveralls over long-sleeved shirt and long pants,
- Socks and chemical resistant footwear, and
- Goggles or face shield, and
- Chemical resistant gloves made of barrier laminate or Viton  $\geq$  14 mils.

**APPLICATION INFORMATION**

**Ground Application:** **DO NOT** apply when winds are gusty, or when conditions will favor movement of spray particles off the desired spray target. To avoid drift and ensure consistent weed control, apply LPI Fenoxaprop-P-Ethyl with the spray boom as low as possible while maintaining a uniform spray pattern. Ten gallons of spray solution per acre is advised. Under conditions where large grass weeds or dense weed populations are present or adverse environmental conditions exist, a greater spray volume of 15.0 to 20.0 gallons of spray solution per acre is required for best weed control. A minimum of 5.0 gallons of spray solution may only be used under conditions that are ideal for weed control. Herbicide applications can be negatively impacted by environmental conditions, weed populations and tank mix partners. Use a specified spray pressure of 40 psi with flat-fan nozzle tips spaced 10 to 20 inches apart across the boom. Ground speed for application may not exceed 10 mph. To get uniform spray coverage, use nozzles to provide 200 to 350 micron size droplets. **DO NOT** apply with hollow cone type nozzles or other nozzles that produce a fine droplet spray.

**Aerial Application:** **DO NOT** make aerial applications on grass grown for seed. Calibrate the spray equipment prior to use. Apply LPI Fenoxaprop-P-Ethyl in a minimum of 5.0 gallons of water per broadcast acre. To get uniform spray coverage, use nozzles to provide 200 to 350 micron size droplets. **DO NOT** use raindrop nozzles. Unless a greater application height is required for pilot safety, make aerial applications with this product at a maximum height of 10 feet above the crop with low drift nozzles at a maximum pressure of 40 psi. Avoid application under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur.

Ensure flagmen and loaders avoid inhalation of spray mist and prolonged contact with skin.

**SPRAY DRIFT MANAGEMENT**

- Select nozzles and pressure that deliver medium or coarser spray droplets as indicated in nozzle manufacturer's catalogs and in accordance with ANSI/ASABE S641 (May 2018; aerial application) and ANSI/ASAE S572.3 (Feb 2020; ground boom and boomless ground application).
- Applicators may spray only when wind speed is between 3 and 10 mph.
- For aerial applications, the maximum release height must be no higher than 10 feet from the top of the crop canopy, unless a greater application height is required for pilot safety.
- For aerial applications, the distance of the outer most nozzles on the boom must not exceed three-fourths of the length of the wingspan or rotor diameter. To further reduce drift, use one-half of the length of the wingspan or rotor diameter at the edge of a field.

**WEED RESISTANCE MANAGEMENT**

For resistance management, please note that LPI Fenoxaprop-P-Ethyl is a Group 1 herbicide. Any weed population may contain or develop plants naturally resistant to LPI Fenoxaprop-P-Ethyl and any other Group 1 herbicides. Weed species with acquired resistance to Group 1 herbicides may eventually dominate the weed population if Group 1 herbicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of these species by LPI Fenoxaprop-P-Ethyl or other Group 1 herbicides. Users should scout before and after application.

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Suspected herbicide-resistant weeds may be identified by these indicators:

- Failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds;
- A spreading patch of non-controlled plants of a particular weed species; and
- Surviving plants mixed with controlled individuals of the same species.

To delay herbicide resistance, take one or more of the following steps:

- Rotate the use of LPI Fenoxyprop-P-Ethyl or other Group 1 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or certified crop advisor if you are unsure as to which active ingredient is currently less prone to resistance.
- Base herbicide use on a comprehensive Integrated Pest Management (IPM) program.
- Fields should be scouted prior to application to identify the weed species present and their growth stage to determine if the intended application will be effective.
- Fields should be scouted after application to verify that the treatment was effective.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local extension specialist, certified crop advisors and/or manufacturer for herbicide resistance management and/or integrated weed management recommendations for specific crops and resistant weed biotypes.
- For further information or to report suspected resistance contact Loveland Products, Inc. at 1-888-LPI-CUST [(574-2878)]. You can also contact your pesticide distributor or university extension specialist to report resistance.

**TIMING OF APPLICATION**

**Grass Grown for Seed (Oregon, Utah, and Washington Only)**

Apply LPI Fenoxyprop-P-Ethyl to all cultivars of the listed cool and warm season grass species grown for seed that have been established for at least 1 month. The list of cool season grass species includes perennial rye grass (*Lolium perenne*) and tall fescue (*Festuca arundinacea*). The cultivars of annual ryegrass (*Lolium multiflorum*) are barpectra, common (Marshall), gulf and promenade.

LPI Fenoxyprop-P-Ethyl will control the following grassy weeds:

<b><u>Common Name</u></b>	<b><u>Scientific Name</u></b>
Barnyardgrass	<i>Echinochloa crus-galli</i>
Blackgrass	<i>Alopecurus myosuroides</i>
Field sandbur	<i>Cenchrus incertus</i>
Foxtail species	<i>Setaria</i> spp.
Hairy crabgrass	<i>Digitaria sanguinalis</i>
Panicum species	<i>Panicum</i> spp.
Roughstalk bluegrass	<i>Poa trivalis</i>
Smooth crabgrass	<i>Digitaria ischaemum</i>
Tame oat	<i>Avena sativa</i>
Wild oat	<i>Avena fatua</i>
Windgrass	<i>Apera interrupta</i>

**Wheat**

Apply LPI Fenoxyprop-P-Ethyl to the crop from emergence up to 60 days prior to harvesting wheat in the states of Minnesota, Montana, North Dakota, and South Dakota. **DO NOT** apply LPI Fenoxyprop-P-Ethyl on wheat within 70 days of harvest in other states.

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**Barley**

LPI Fenoxaprop-P-Ethyl to the crop from emergence up to the 5-leaf stage. **DO NOT** spray barley after jointing begins. **DO NOT** apply LPI Fenoxaprop-P-Ethyl within 57 days of harvesting barley. Under cool, wet conditions, tank mixing MCP Ester or MCP Ester + Harmony® GT (at listed rates) with LPI Fenoxaprop-P-Ethyl will further improve crop safety in barley.

LPI Fenoxaprop-P-Ethyl will control susceptible grass weeds in the 1-leaf (fully expanded) to 2-tiller stage of growth. Blackgrass can be controlled over a wide range of growth stages, from the 1-leaf (fully expanded) through the advanced tillering stage. Windgrass will be controlled from emergence to a height of 3 inches. Make applications to young, vigorously growing weeds.

LPI Fenoxaprop-P-Ethyl has no effect via the soil and will only control emerged grass weeds. LPI Fenoxaprop-P-Ethyl, when applied as directed, controls the annual grass weeds listed in Table 1 and Table 2 below at rates indicated.

**Table 1. RATE AND TIMING CHART for Weed Control in Grass Grown for Seed**

Grass Weed Species Common Name	Stage of Growth of Grassy Weed	Rate Pt/A (Fl Oz/A)	Comments
Barnyardgrass Blackgrass Hairy crabgrass Panicum species Smooth crabgrass Windgrass	2-leaf to 2-tiller	0.66 (10.5) (0.08 lb ai/A)	In annual ryegrass, the maximum specified rate of LPI Fenoxaprop-P-Ethyl is 0.40 pt/A (0.05 lb ai/A) for tolerance. Overall grass control may be reduced as a result.
Foxtail species	2-leaf to 2-tiller	0.40 (6.4) (0.05 lb ai/A)	Lower rate for Foxtail ( <i>Setaria</i> ) species only.
Roughstalk bluegrass	2 to 7 inches	0.66 (10.5) (0.08 lb ai/A)	SUPPRESSION ONLY: In perennial ryegrass, apply after grasses break winter dormancy and ryegrass is 3" to 6" tall. Control is dependent upon environmental conditions and size, density, and maturity of weeds. Best control is achieved when applications are made between February 20 and April 1.
Tame oat/Wild oat	2-leaf to 2-tiller	0.40 (6.4) (0.05 lb ai/A)	SUPPRESSION ONLY: Maximum rate for Wild and Tame oat control in seedling annual ryegrass. Only for barspectra, gulf, common, and promenade cultivars of annual ryegrass.

**Table 2. RATE CHART for Grass Weed Control in Barley and Wheat**

Grass Weed Species Common Name	Grass Weed Species Scientific Name	Rate Pt/A (Fl Oz/A)	Tank Mix Table
Green foxtail Foxtail millets (Volunteer) common German Hungarian Siberian millet Volunteer corn	<i>Setaria viridis</i> <i>Setaria italica</i>  <i>Zea mays</i>	0.33 (5.3) (0.04 lb ai/A)	See Table 3
Proso millet (volunteer, wild) Yellow foxtail	<i>Panicum italicum</i> <i>Setaria lutescens</i>	0.40 (6.4) (0.05 lb ai/A)	See Table 3
Barnyardgrass Blackgrass Field sandbur Hood canarygrass Littleseed canarygrass Wild oat	<i>Echinochloa crus-galli</i> <i>Alopecurus myosuroides</i> <i>Cenchrus incertus</i> <i>Phalaris paradoxa</i> <i>Phalaris minor</i> <i>Avena fatua</i>	0.66 (10.6) (0.08 lb ai/A)	See Table 4

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Grass Weed Species Common Name	Grass Weed Species Scientific Name	Rate Pt/A (Fl Oz/A)	Tank Mix Table
Windgrass	<i>Apera interrupta</i>		
Woolly cupgrass	<i>Erichloa villosa</i>		

**MOISTURE EFFECTS ON ANNUAL GRASS WEED CONTROL**

The following conditions will result in optimum Wild oat control:

1. Adequate soil moisture which occurs under normal rainfall in barley or wheat following a fallow year.
2. Temperatures lower than 85°F for several days prior to application.

Low soil moisture levels, low humidity, and high temperatures prior, during or following application may reduce Foxtail and Wild oat control provided by LPI Fenoxaprop-P-Ethyl.

Foxtail under drought stress will exhibit rolled leaves ("onion leaf") and may not be sprayed as poor control may result. Apply LPI Fenoxaprop-P-Ethyl when conditions improve.

**TANK MIX COMBINATIONS**

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. When tank mixing, read and follow the precautionary statements, directions for use, weeds controlled, geographic, and other restrictions on the labeling of each tank mix partner used. Use in accordance with the most restrictive label limitations and precautions. Tank mix partners not specified on this label may cause reduced annual grass control (antagonism) or crop injury. LPI Fenoxaprop-P-Ethyl contains 0.294 pound of mefenpyr-diethyl per gallon of product. Applying the maximum labeled rate of LPI Fenoxaprop-P-Ethyl delivers 0.023 pound of mefenpyr-diethyl per acre. **DO NOT** apply more than 0.053 pound of mefenpyr-diethyl per acre per year. **DO NOT** apply any pesticide, not listed on this label, 5 days before or after an application of LPI Fenoxaprop-P-Ethyl. **DO NOT** tank mix LPI Fenoxaprop-P-Ethyl with liquid fertilizers unless specifically listed on this label.

**Compatibility Testing with Tank Mix Partners**

If LPI Fenoxaprop-P-Ethyl is to be tank mixed with other pesticides, test compatibility prior to mixing. To test for compatibility, use a small container and mix a small amount (0.5 to 1.0 quart) of spray, combining all ingredients in the same ratio as the anticipated use. If any indications of physical incompatibility develop, **DO NOT** use this mixture for spraying. Indications of incompatibility usually will appear within 5 to 15 minutes after mixing. Read and follow the label of each tank-mix product used for precautionary statements, directions for use, geographic and other restrictions.

**Insecticides**

LPI Fenoxaprop-P-Ethyl may be tank mixed with either Furadan® 4F, Carbaryl 4L XLR PLUS, or Warrior® insecticides if timing for insect and weed control are proper. **DO NOT** tank mix with malathion as Wild oat control will be reduced.

**TANK MIX COMBINATIONS WITH HUSKIE HERBICIDE™ FOR CONTROL OF CERTAIN BROADLEAF WEEDS**

LPI Fenoxaprop-P-Ethyl may be tank mixed with Huskie herbicide. Refer to the Huskie herbicide label for labeled crops, dose rates and use directions.

**Fungicides**

Fungicides such as mancozeb (Dithane F-45®, Manzate® 75DF; Penncozeb® 75DF), Tilt® and Stratego® without additional adjuvant, or Topsin® M can be tank mixed with LPI Fenoxaprop-P-Ethyl when timing for application of each tank mix partner is the same for the use site.

**Broadleaf Herbicides in Grass Grown For Seed (Oregon, Utah, and Washington Only)**

LPI Fenoxaprop-P-Ethyl may be tank mixed with liquid nitrogen or the following broadleaf herbicides on perennial ryegrass and tall fescue established for at least 6 months. **DO NOT** tank mix LPI Fenoxaprop-P-Ethyl with any broadleaf herbicide not listed on this label. **DO NOT** tank mix with more than one of these materials as crop injury will occur. When tank mixing, apply LPI Fenoxaprop-P-Ethyl at 0.66 pt (0.08 lb ai)/A. Follow the label restrictions for each product before considering these tank mixes. **DO NOT** tank mix LPI Fenoxaprop-P-Ethyl with these or other materials on seedling grasses.

Product	Rate (Pt/A)
Curtail M®	1.75

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Product	Rate (Pt/A)
Bromac® Advanced	0.80
Broclean®	1.00
Stinger®	0.25 to 0.33

**Broadleaf Herbicides in Barley and Wheat**

Broadleaf weed control options are listed in Tables 3, 4, or 5, when timing of application for each tank mix partner is the same for the use site. Always check the tank mix partner label to determine if the addition of a surfactant is required.

**Tank Mixes for Foxtail Millets, Green Foxtail and Volunteer Corn Control**

The tank mix partners listed in Table 2 may be used for the control of Foxtail millets, Green foxtail, and Volunteer corn with LPI Fenoxaprop-P-Ethyl at a rate of 0.33 pt (0.04 lb ai)/A. If Wild oat or Yellow foxtail is the primary weed, see sections addressing tank mixes for these weeds.

**Table 3. Foxtail Millets, Green Foxtail, Volunteer Corn**

Herbicides for Broadleaf Weed Control	Rate	Range of Dosages: *** 0.50 to 0.75 Pt/A of MCP Ester (4.0 Lb/Gal - formulation) may be added as an option
Ally® 60DF	0.10 oz/A	Yes
Amber® 75DF	0.28 oz/A	Yes
Bromac Advanced Herbicide*/**	0.80 pt/A	No
Bromac Advanced + Starane®	0.60 to 0.80 pt/A + 0.25 to 0.33 pt/A	No
Broclean Herbicide*/**	1.00 pt/A	Yes
Curtail M	1.75 pt/A	No
Curtail M + Strut® (for use on wheat only)	1.75 pt/A + 2.00 oz/A	No
Curtail M + Starane	1.75 pt/A + up to 0.66 pt/A	No
Express® 75DF	0.16 oz/A	Yes
Finesse	0.28 oz/A	Yes
Harmony Extra 75DF	0.30 to 0.40 oz/A	Yes
Harmony Extra + Starane	0.30 oz/A + up to 0.66 pt/A	No
Harmony GT	0.30 to 0.50 oz/A	Yes
Harmony GT + Starane	0.30 oz/A + up to 0.66 pt/A	No
MCP Ester (4.0 lb/gal)***	0.75 pt/A	No
Peak®	0.50 oz/A	Yes
Rave®	4.00 oz/A	No
Rifle® (for use on wheat only) (4.0 lb/gal)	2.00 fl oz/A	Yes
Rifle (for use on wheat only) (2.0 lb/gal)	4.00 fl oz/A	Yes
Starane	Up to 0.66 pt/A	Yes
Stinger	0.25 to 0.33 pt/A	Yes
Strut (for use on wheat only)	2.00 fl oz/A	Yes

\* Equivalent bromoxynil products may be substituted in a tank mix for these products.

\*\* **DO NOT** tank mix LPI Fenoxaprop-P-Ethyl with either Broclean Herbicide or Bromac Advanced Herbicide on 2-row malting barley.

\*\*\* 4.0 pounds per gallon formulation of MCP Ester. Other formulations of MCP Ester may be used providing 0.25 to 0.375 pound active ingredient per acre of MCP Ester is used.

**Tank Mixes for Green and Yellow Foxtail, Volunteer and Wild Proso Millets Control**

The tank mix partners listed in Table 3 below are approved for the control of Green and Yellow foxtail and/or Volunteer and Wild proso millets using LPI Fenoxaprop-P-Ethyl at a rate of 0.40 pt (0.05 lb ai)/A. If Wild oat is the primary weed, see the section addressing tank mixes for Wild oat control.

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**Table 4. Green and Yellow Foxtail, Volunteer and Wild Proso Millets**

<b>Herbicides for Broadleaf Weed Control</b>	<b>Rate</b>	<b>Range of Dosages:</b> *** 0.50 to 0.75 Pt/A of MCP Ester (4.0 Lb/Gal - formulation) may be added as an option
Curtail M	1.75 pt/A	No
Curtail M + Strut (for use on wheat only)	1.75 pt/A + 2.00 oz/A	No
Curtail M + Starane	1.75 pt/A + up to 0.66 pt/A	No
MCP Ester (4.0 lb/gal)	0.75 pt/A	No
Peak	0.50 oz/A	Yes
Rifle (for use on wheat only) (4.0 lb/gal)	2.00 fl oz/A	Yes
Rifle (for use on wheat only) (2.0 lb/gal)	4.00 fl oz/A	Yes
Starane	Up to 0.66 pt/A	Yes
Stinger	0.25 to 0.33 pt/A	Yes
Strut (for use on wheat only)	2.00 fl oz/A	Yes

\*\*\* 4.0 pound per gallon formulation of MCP Ester. Other formulations of MCP Ester may be used providing 0.25 to 0.375 pound active ingredient per acre of MCP Ester is used.

**Tank Mixes for Barnyardgrass, Blackgrass, Green and Yellow Foxtail, and Wild Oat Control**

The tank mix partners listed in Table 5, below, are approved for the control of Barnyardgrass, Blackgrass, Green and Yellow foxtail and Wild oat using LPI Fenoxaprop-P-Ethyl at a rate of 0.66 pt (0.08 lb ai)/A.

**Table 5. Barnyardgrass, Blackgrass, Green and Yellow Foxtail, and Wild Oat Control**

<b>Herbicides for Broadleaf Weed Control</b>	<b>Rate</b>	<b>Range of Dosages:</b> *** 0.50 to 0.75 Pt/A of MCP Ester (4.0 Lb/Gal - formulation) may be added as an option
Bromac Advanced Herbicide*/**	0.80 pt/A	No
Bromac Advanced + Harmony GT	0.60 to 0.80 pt/A + 0.10 oz	No
Bromac Advanced + Starane	0.60 to 0.80 pt/A + 0.25 to 0.33 pt/A	No
Broclean Herbicide*/**	1.00 pt/A	Yes
Broclean Herbicide + Starane	1.00 pt/A + 0.25 to 0.33 pt/A	No
Curtail M	1.75 pt/A	No
Curtail M + Starane	1.75 pt/A + up to 0.66 pt/A	No
Harmony Extra 75DF	0.30 to 0.40 oz/A	No
Harmony Extra 75DF + Starane	0.30 oz/A + up to 0.66 pt/A	No
Harmony GT	0.30 to 0.50 oz/A	Yes
Harmony GT + Starane	0.30 oz/A + up to 0.66 pt/A	No
MCP Ester (4.0 lb/gal)***	0.75 pt/A	No
Peak	0.50 oz/A	Yes
Peak + Starane	0.50 oz/A + up to 0.66 pt/A	No
Starane	Up to 0.66 pt/A	Yes
Stinger	0.25 to 0.33 pt/A	Yes

\* Equivalent bromoxynil products may be substituted in a tank mix for these products.

\*\* **DO NOT** tank mix LPI Fenoxaprop-P-Ethyl with either Broclean Herbicide or Bromac Advanced Herbicide on 2-row malting barley.

\*\*\* 4.0 pounds per gallon formulation of MCP Ester. Other formulations of MCP Ester may be used providing 0.25 to 0.375 pound active ingredient per acre of MCP Ester is used.

**NOTE:** When tank mixing LPI Fenoxaprop-P-Ethyl with the specified herbicides above, **DO NOT** exceed the labeled use rate shown for each tank mix partner, as reduced annual grass control may occur.

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**For the Control of Blackgrass and Wild Oat in Winter Wheat in the States of Northern Idaho, Oregon, and Washington**

In winter wheat only, liquid nitrogen fertilizer may be tank mixed with LPI Fenoxaprop-P-Ethyl alone or with LPI Fenoxaprop-P-Ethyl and specified broadleaf tank mixes. Only 28 to 32% liquid nitrogen fertilizer may be added. **DO NOT** exceed 5.0 gallons per acre of liquid nitrogen for ground applications or 50% of the total spray volume by air.

In winter wheat only, the following broadleaf herbicides may be tank mixed with LPI Fenoxaprop-P-Ethyl at the 0.66 pt (0.08 lb ai)/A rate when the target grass weeds are Blackgrass and/or Wild oat.

**Table 6. Blackgrass and Wild Oat in Winter Wheat in the States of Montana, Northern Idaho, Oregon, and Washington**

Herbicides for Broadleaf Weed Control	Rate
Ally	Up to 0.10 oz/A
Bromac Advanced*	Up to 1.20 pt/A
Bromac Advanced + Harmony Extra 75 DF*	Up to 0.80 pt/A + up to 0.33 oz/A
Bromac Advanced + Harmony GT*	Up to 0.80 pt/A + up to 0.50 oz/A
Bromac Advanced + Peak*	Up to 0.80 pt/A + up to 0.50 oz/A
Bromac Advanced + Starane*	Up to 0.80 pt/A + up to 0.50 pt/A
Broclean Herbicide*	Up to 1.50 pt/A
Broclean Herbicide + Ally*	Up to 1.00 pt/A + up to 0.10 oz/A
Broclean Herbicide + Ally Extra*	Up to 1.00 pt/A + up to 0.20 oz/A
Broclean Herbicide + Express*	Up to 1.00 pt/A + up to 0.16 oz/A
Broclean Herbicide + Harmony Extra 75 DF*	Up to 1.00 pt/A + up to 0.40 oz/A
Broclean Herbicide + Harmony GT*	Up to 1.00 pt/A + up to 0.50 oz/A
Broclean Herbicide + Peak*	Up to 1.00 pt/A + up to 0.50 oz/A
Broclean Herbicide + Starane*	Up to 1.00 pt/A + up to 0.50 pt/A
Curtail M + Harmony GT	Up to 1.75 pt/A + up to 0.50 oz/A
Express 75DF	Up to 0.16 oz/A
Harmony Extra + Starane	Up to 0.40 oz/A + up to 0.66 pt/A
Harmony GT + Starane	Up to 0.50 oz/A + up to 0.66 pt/A
MCP Ester + Ally**	Up to 0.75 pt/A + up to 0.10 oz/A
MCP Ester + Ally Extra**	Up to 0.75 pt/A + up to 0.20 oz/A
MCP Ester + Express**	Up to 0.75 pt/A + up to 0.16 oz/A
MCP Ester + Harmony Extra 75 DF**	Up to 0.75 pt/A + up to 0.40 oz/A
MCP Ester + Harmony GT**	Up to 0.75 pt/A + up to 0.50 oz/A
MCP Ester + Harmony GT + Starane**	Up to 0.75 pt/A + up to 0.50 oz/A + up to 0.50 pt/A
MCP Ester + Peak**	Up to 0.75 pt/A + up to 0.50 oz/A
MCP Ester + Peak + Starane**	Up to 0.75 pt/A + up to 0.50 oz/A + up to 0.50 pt/A

\* Equivalent bromoxynil products may be substituted in a tank mix for these products.

\*\* 4.0 pounds per gallon formulation of MCP Ester. Other formulations of MCP Ester may be used providing up to 0.375 pound active ingredient per acre of MCP Ester is used.

**NOTE:** When tank mixing LPI Fenoxaprop-P-Ethyl with the specified herbicides above, **DO NOT** exceed the labeled use rate shown for each tank mix partner, as reduced annual grass control may occur.

**DIRECTIONS FOR THE CONTROL OF HOOD CANARYGRASS, LITTLESEED CANARYGRASS AND WILD OAT IN BARLEY AND WHEAT IN CALIFORNIA ONLY**

**LPI Fenoxaprop-P-Ethyl Application Rates**

Grasses (2-leaf to 2-tiller stage)	Broadcast Rate in Pt/A (Fl Oz/A)
Hood canarygrass	0.66 (10.5)
Littleseed canarygrass	(0.08 lb ai/A)
Wild oat	

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**NOTES:** In California, LPI Fenoxaprop-P-Ethyl may be tank mixed with Broclean Herbicide. Follow the label directions, use restrictions and precautions for use of Broclean Herbicide, when tank mixing it with LPI Fenoxaprop-P-Ethyl.

**DIRECTIONS FOR THE CONTROL OF WILD OAT IN WINTER WHEAT IN OKLAHOMA AND TEXAS ONLY**

**LPI Fenoxaprop-P-Ethyl Application Rates**

<b>Grasses (2-leaf to 2-tiller stage)</b>	<b>Broadcast Rate in Pt/A (Fl Oz/A)</b>
Wild oat	0.66 (10.5) (0.08 lb ai/A)

**NOTES:** In Oklahoma and Texas, LPI Fenoxaprop-P-Ethyl may be tank mixed with Ally, Harmony Extra, MCP Ester and Peak. Follow label directions, use restrictions and precautions for use of these tank mix partners when tank mixing with LPI Fenoxaprop-P-Ethyl.

**USE RESTRICTIONS**

- Rainfall within 1 hour of an application may cause a reduction in weed control.
- **DO NOT** harvest winter wheat until 70 days after application.
- **DO NOT** make more than 1 application in a growing year; **DO NOT** apply more than 0.66 pt (0.08 lb ai)/A per growing year.
- **DO NOT** apply this product through any irrigation system.
- Tank mix partners not specified on this label may cause reduced annual grass control or crop injury. **DO NOT** apply any pesticide not listed on this label 5 days before or after an application of LPI Fenoxaprop-P-Ethyl.
- Due to reduced weed control, **DO NOT** tank mix with other herbicides or liquid fertilizers unless specifically listed on this label.
- **DO NOT** use when there is hazard from drifting mists. Coarse sprays are less likely to drift.
- **DO NOT** apply to grass grown for seed for at least 60 days prior to harvest.
- **DO NOT** graze treated grass for at least 60 days following application. Feeding of grass straw and seed screenings is allowed only if applications are completed at least 60 days prior to harvest.
- **DO NOT** apply to Kentucky bluegrass seed production fields.
- **DO NOT** apply to grass grown for seed within 2 weeks following a fertilizer application.
- **DO NOT** apply to grass grown for seed using aerial applications.
- Avoid application of LPI Fenoxaprop-P-Ethyl to grass grown for seed under drought stress conditions. Irrigation 2 days prior to application may be helpful under these conditions.

**STORAGE AND DISPOSAL**

**DO NOT** contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Keep container tightly closed when not in use. Avoid cross contamination with other pesticides. **DO NOT** store over 100°F or below 32°F. **DO NOT** use or store near heat or open flame.

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

**CONTAINER HANDLING:**

**Nonrefillable container.** **DO NOT** reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer, or contact The Agricultural Container Recycling Council (ACRC) at [www.acrecycle.org](http://www.acrecycle.org). If not recycled, then 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. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

**For packages up to 5 gallons:** **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more

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

**For packages greater than 5 gallons and less than 50 gallons:** **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

**For packages greater than 50 gallons:** To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

**For refillable containers:** Refill this container with pesticide only. **DO NOT** reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. For final disposal, offer for recycling or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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

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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 LOVELAND 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.

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