

Name ind Address of Registrant (include ZIP Code);
Mr. Mark Trostle
Loveland Products, Inc.
P.O. Box 1286

Greeley, CO 80632
Note, Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above framed pesticide is hereby registered/reregistered under the federal Insertacide. fungicide and Rodenticide. Act.

Registration is 1 n no way to be const wed as an endorsement or recommendation of this product by the Agency in order to protect heath and the environment, the administrator, on his motion. fay at any time ubpenc or cancel the registration of a pesticiar in accorajace with the Act. The acceptance of any name in connection with the reristration of a product under this act is not to be construed as giving the registrant a fight to exclusive use of the name or to its uss if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(C)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit such data.
2. Make the following change to your labeling:

Change the registration number to "34704-958"


EPA FOrm 8570-6
3. Submit final labeling for this product within 30 days of the date of this letter

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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.
If you have any questions about this letter, please contact Tobi Colvin-Snyder at 703-305-7801.


## TAILSPIN

For the control of annual and perennial broadleaf weeds in established cool season turf, and industrial non-crop areas, including manufacturing and storage sites, rights-of-way such as electrical power lines, communication lines, pipelines, roadsides, railroads, fence rows, non-irrigation ditch banks, including application to grazed areas, and maintenance of wildlife openings on these sites.

Active Ingredients:
Fluroxypyr 1-methylheptyl ester: ((4-amino-3,5-dichloro-6-fluoro-2-pyridinyl)oxy) acetic acid, 1-methylheptyl ester
Triclopyr: 3,5,6-trichloro-2-pyridinyloxyacetic acid, triethylamine salt
Other Ingredients:
78.3\%

Total:
$100.0 \%$
Contains petroleum distillates.
Acid Equivalent: fluroxypyr $3.87 \%=0.33 \mathrm{lb} / \mathrm{gal}$. triclopyr $11.62 \%=1.0 \mathrm{lb} . \mathrm{gal}$.

EPA Reg. No. 34704-XXX
EPA Est. No. 34704-MS-01
NET CONTENTS: $\qquad$
Keep Out of Reach of Children
WARNING AVISO
Si rusted no entiende la etiqueta, bisque 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.)

## Precautionary Statements

## Hazards to Humans and Domestic Animals

Causes Substantial But Temporary Eye Injury • Harmful If Swallowed
Do not get in eyes or on clothing.

P.O. Box 1286

Greeley, CO 80632
1-800-356-7202

## Personal Protective Equipment (PPE)

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

Applicators and other handlers must wear: Long-sleeved shirt and long pants, Chemicalresistant gloves such as Barrier Laminate or Viton, Shoes plus socks and Protective eyewear (goggles face shield or safety glasses).

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

## Engineering Controls Statements

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protections Standard (WPS) for agricultural pesticides [40 CFR I70.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

## User Safety Recommendations

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

| First Aid |  |
| :--- | :--- |
| If in eyes: | Hold eye open and rinse slowly and gently with water for 15- 20 minutes. <br> Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. <br> Call a poison control center or doctor for treatment advice. |
| If <br> Swallowed: | Immediately call a poison control center or doctor <br> Do not induce vomiting unless told to do so by a poison control center or doctor. Do not <br> give any liquid to the person. <br> Do not give anything by mouth to an unconscious person. |

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN: Contains aromatic petroleum distillate. Vomiting and aspiration may cause chemical pneumonitis.

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

## Environmental Hazards

Fluroxypyr is toxic to fish. Drift or runoff from treated areas may be hazardous to aquatic organisms and non-target 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 when cleaning equipment or disposing of equipment washwaters.

Triclopyr has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

## Refer to label booklet for Directions for Use, including Storage and Disposal.

Notice: Read the entire label. Use only according to label directions. Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies at end of label booklet. If terms are unacceptable, return at once unopened.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

## Shake Well Before Use - Protect From Freezing

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

## This product is not intended for manufacturing or formulating use.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

## Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: Coveralls, Chemical-resistant gloves such as Barrier Laminate or Viton, Shoes plus socks and protective eyewear

Non-Agricultural Use Requirements<br>The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for Agricultural Pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.<br>Entry Restrictions for Non-WPS Uses: Do not allow people (other than applicator) or pets on treatment area during application. Do not enter into treated areas until sprays have dried.

## Storage and Disposal

Do not contaminate water, food or feed by storage or disposal.
Pesticide Storage: Store above $32^{\circ} \mathrm{F}$. Shake well before use.
Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your state pesticide or environmental control agency, or the hazardous waste representative at the nearest EPA regional office for guidance.
Container Disposal (Plastic): Triple rinse (or equivalent). 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. Plastic containers, after triple rinsing, may be incinerated if allowed by state and local authorities. If burned, stay out of smoke.
Container Disposal (Metal): Do not reuse container. Triple rinse (or equivalent). 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.
General: Consult federal, state, or local disposal authorities for approved alternative procedures. For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC - 1-800-424-9300.

## GENERAL USE DIRECTIONS

## Shake Well Before Use - Protect From Freezing.

TAILSPIN is a broad-spectrum weed killer for control of broadleaf weeds in established cool season turfgrasses and industrial non-crop areas, including manufacturing and storage sites, rights-of-way such as electrical power lines, communication lines, pipelines, roadsides, railroads, fence rows, non-irrigation ditch banks, including application to grazed areas, and maintenance of wildlife openings on these sites.


## Mixing Directions

Use only clean water suitable for spraying. Add one-half the required amount of water to spray tank. Add TAILSPIN and complete addition of water with agitation running. Mix thoroughly and continue agitation while spraying.

Tank Mixing: The recommended order of addition to the spray tank is water, spray thickening agent (if used), additional herbicide (if used), and TAILSPIN. If combined with emulsifiable concentrate herbicides, moderate continuous agitation is required. Surfactant at the manufacturer's recommended rate should be added to the spray tank last.

Tank Mixing Precautions: When tank mixing, follow applicable use directions, precautions and limitations on the labels of the respective tank mix products. Use in accordance with the most restrictive of label limitations and precautions on each label. No label dosages may be exceeded. Do not tank mix this product with any product containing a label prohibition against tank mixing with fluroxypyr or triclopyr. Do not exceed specified application rates. If applying this product in combination with another pesticide containing the same active ingredient, do not exceed the maximum active ingredient use rate specified by either product.

Tank Mix Compatibility Testing: A jar test is recommended prior to tank mixing to ensure compatibility of this product and other pesticides. Use a clear glass quart jar with lid and mix the tank mix ingredients in their relative proportions. Invert the jar containing the mixture several times and observe the mixture for approximately $1 / 2$ hour. If the mixture balls-up, forms flakes, sludges, jels, oily films or layers, or other precipitates, it is not compatible and the tank mix combination should not be used.

## Application Directions

Use application equipment that will insure uniform spray coverage. Apply TAILSPIN when broadleaf weeds are actively growing. Application under conditions of plant moisture stress (drought) may provide less than desirable results. Broadleaf weed species germinate at different times. Only emerged weeds present at time of application are controlled. Refer to specific use directions for site-specific precautions and limitations.

## Standard Volume Application

Apply 3 to 6 pints of TAILSPIN in 20 gallons or more of spray volume per acre ( 0.5 gallon or more of spray volume per 1,000 square feet). Use low-pressure application equipment capable of delivering a uniform droplet size and spray distribution. Up to 200 gallons of spray volume per acre may be used if applying TAILSPIN with liquid fertilizers.

## Low Volume Application

Apply 3 to 6 pints of TAILSPIN in 5 to 20 gallons of spray volume per acre ( $1 / 8$ to $1 / 2$ gallon spray per 1,000 square feet). Use low-pressure application equipment capable of delivering a uniform droplet size and spray distribution. Spray coverage may be improved by addition of a non-ionic surfactant at the manufacturer's recommended rate. Use the higher recommended rates of surfactant for lower rates of product and lower spray volumes.

The use of TAILSPIN in ultra low volume (ULV) equipment is not recommended.

## Spot Treatments

Spot treatments may be applied with a calibrated boom or with hand sprayers according to directions provided below.

Hand-Held Sprayers: Hand-held or backpack sprayers may be used for spot applications of TAILSPIN. Care should be taken to apply the spray uniformly and at a rate equivalent to a broadcast application. Application rates in the table are based on an area of $1,000 \mathrm{sq} \mathrm{ft}$. The amount of TAILSPIN ( fl oz or ml ) in the table should be mixed with 1 gallon or more of water and applied to an area of $1,000 \mathrm{sq} \mathrm{ft}$. An area of 1000 sq ft is approximately 10.5 X 10.5 yards (strides) in size.

| Amount of TAMLSPIN to Equal Specified Broadcast Rate <br> (Mix with 1 Gallon or More of Water and Apply to 1,000 sq ft ) <br> $3 \mathrm{pt} / \mathrm{acre}$$\quad 4 \mathrm{pt} / \mathrm{acre}$ |  |  |  |
| :---: | :---: | :---: | :---: |
| 1.1 fl oz | 1.5 fl oz | $5 \mathrm{pt} / \mathrm{acre}$ | $6 \mathrm{pt} / \mathrm{acre}$ |
| $(33 \mathrm{ml})$ | $(44 \mathrm{ml})$ | 1.8 fl oz | 2.2 fl oz |

${ }^{\dagger} 1 \mathrm{fl} \mathrm{oz}=29.6(30) \mathrm{ml}$

## Avoiding Injurious Spray Drift

Do not allow sprays of TAILSPIN to contact nearby susceptible broadleaf crops or other desirable broadleaf plants. Very small quantities of spray, which may not be visible, may seriously injure susceptible plants including ornamental trees and shrubs. Do not apply under conditions that would allow the wind to carry spray mist toward susceptible crops or ornamental plants.

With ground broadcast equipment, drift can be reduced by keeping the spray boom as low as possible, by applying no less than 20 gallons of spray per acre (except under "Low Volume Applications"); by keeping the operating spray pressures at the lower end of the manufacturer's recommended pressures for the specific nozzle type used, and by spraying when the wind velocity is low ( $2-10 \mathrm{mph}$ ). For application with hand-held sprayers, select the minimum spray pressure that will provide adequate plant coverage (without forming a mist). Do not apply with a mist blower.

Do not apply by aerial application.

## USE DIRECTIONS FOR TURF

Cool season turfgrasses have good tolerance to TAILSPIN. On some fine-leafed turfgrasses slight transitory discoloration may occur following application. Do not apply during adverse conditions such as drought, very hot or cold weather, or when the crop or weeds are under stress.

Use of TAILSPIN can cause significant injury to perennial warm season turfgrass species such as St. Augustinegrass, bermudagrass, zoysiagrass, centipedegrass, bahiagrass, kikuyugrass or seashore paspalum and is not recommended.

TAILSPIN is recommended for use on the following cool season turfgrass species:

Common Name
bentgrass ${ }^{+}$
bluegrass, Kentucky
fescue, chewing
fescue, creeping red
fescue, sheep
fescue, tall
ryegrass, perennial

Scientific Name
Agrostis species
Poo pratensis
Festuca rubra var commutata
Festuca rubra
Festuca ovina
Festuca arundinaceae
Lolium perenne

+ Do not apply to bentgrass unless injury can be tolerated. Do not apply more than $3 \mathrm{pt} / \mathrm{acre}(1.1 \mathrm{fl} \mathrm{oz} / 1000 \mathrm{sq}$. ft ) per application. Additional applications, if required, should be made at least 4 weeks apart. Avoid swath overlaps.


## Use Precautions and Restrictions

- Do not apply to exposed roots of shallow rooted trees and shrubs.
- Do not allow sprays of TAILSPIN to contact exposed suckers and/or roots of trees and shrubs or injury may occur.
- Do not apply TAILSPIN directly to, or otherwise permit it to come into direct contact with cotton, grapes, tobacco, vegetable crops, flowers, fruit or omamental trees, or other nontarget desirable broadleaf plants and do not permit spray mists to drift onto them.
- Do not reseed for three weeks after application.
- Do not use TAILSPIN on golf course putting greens or tees.
- Do not apply on ditches used to transport irrigation water.
- Do not apply where runoff or irrigation water may flow onto susceptible crops as injury may result.
- Maximum Use Rates: Do not apply more than 6 pints of TAILSPIN per application or more than 12 pints per acre per year.
- Chemigation: Do not apply this product through any type of irrigation system.
- The application of fluroxypyr and triclopyr applied either as TAILSPIN alone or in combination with any other product containing fluroxypyr or triclopyr cannot exceed the maximum of 0.5 lb ae. fluroxypyr or 2.0 lb ae. triclopyr per acre per annual growing season.


## - Grazing and Haying Restrictions:

Grazing or Harvesting Green Forage:

1) Lactating dairy animals: Do not allow grazing or harvest of green forage for lactating dairy animals from treated areas during the same growing season following application.
2) Other Livestock: No grazing restrictions.

Haying (Harvesting of Dried Forage): Do not harvest hay within 14 days after application.
Slaughter Restrictions: Withdraw livestock from grazing treated grass or consumption of treated hay at least 3 days before slaughter. This restriction is applicable to grazing or harvest of hay from treated areas during the same season following application.

## Application Rates and Timing

Apply 3 to 6 pints of TAILSPIN per acre to control broadleaf weeds. Refer to the "Weeds Controlled and Use Rate Instructions" section for application rates for specific weeds. Spray coverage may be improved by addition of a non-ionic surfactant at the manufacturer's recommended rate. Additional applications, if required, should be made at least four weeks apart to minimize the potential for grass injury. Newly seeded turf should be mowed two or three times before being treated. Do not water for 6 hours after application.

Broadcast Application: TAILSPIN may be applied as a standard (20 or more gallons per acre) or low volume ( 5 to 20 gallons per acre) broadcast application. Refer to the "General Use Directions" section for detailed instructions for Mixing and Application.

Spot Application: See instructions for Spot Application under Application Directions.

## Do not allow overlapping of the spray swaths which could result in higher than

 recommended application rates.
## Treatment of Turf Species Not Listed on the label for TAILSPIN

Users who wish to use TAILSPIN on a turf species not recommended on this label may determine the suitability for such uses by treating a small area at a recommended rate. Prior to treatment of larger areas, the treated area should be observed for any sign of herbicidal injury during 30 days of normal growing conditions to determine if the treatment is safe to the target species. The user assumes the responsibility for any plant damage or other liability resulting from use of TAILSPIN on species not recommended on this label.

## USE DIRECTIONS FOR INDUSTRIAL SITES

Use TAILSPIN at rates of 3 to 6 pints per acre to control broadleaf weeds. If multiple applications are needed do not apply more then 12 pints per acre per growing season. Use sufficient spray volume to provide uniform and complete coverage of the plants to be controlled. Use of an agriculturally labeled non-ionic surfactant is recommended for all applications. When using surfactants, follow the use directions and precautions on the surfactant manufacturer's label. Use the higher recommended concentrations of surfactant in the spray mixture when applying lower spray volumes per acre.

TAILSPIN may injure perennial warm season turfgrass species such as St. Augustinegrass, bermudagrass, zoysiagrass, centipedegrass, bahiagrass, kikuyugrass or seashore paspalum. Use of this product is not recommended in areas where the vegetation management goal is maintenance of warm season perennial turf. Apply any time during the growing season when broadleaf weeds are actively growing. Refer to the "Weeds Controlled and Use Rate Instructions" section for application rates for specific weeds.

Broadcast Application: TAILSPIN may be applied as a standard (20 or more gallons per acre) or low volume ( 5 to 20 gallons per acre) broadcast application. Refer to the "General Use Directions" section for detailed instructions for Mixing and Application.

High Volume Foliar Application: Use TAILSPIN at the rate of 3 to 6 pints per acre in a total volume of 20 to 100 gallons of water per acre using high volume hand-held equipment.

Spot Application: See instructions for Spot Application under Application Directions.
Note: TAILSPIN can be applied using the Brown Brush Monitor ${ }^{\text {rm }}$ or Brown Turf Monitor ${ }^{\text {rm }}$ application systems.

## For Broader Spectrum Weed Control

For broader spectrum broadleaf weed control, TAILSPIN at 2-4 pints per acre may be tank mixed with 1 to 4 pints per acre of Cordon $(822 \mathrm{~K}$ herbicide, $1 / 2$ to 1 gallon per acre of Cordon $(\circledR)$ 101 Mixture herbicide, or a $2,4-\mathrm{D} 3.8 \mathrm{lb} /$ gallon amine formulation, such as $\mathrm{DMA}^{*} 4 \mathrm{IVM}$ herbicide or Escort ® herbicide.

## 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 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.

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.

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.

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