

34704-817

12/08/2008

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Registration Division (7505P)  
Ariel Rios Building  
1200 Pennsylvania Ave., NW  
Washington, D.C. 20460

EPA Reg. Number:

34704-817

Date of Issuance:

8 DEC 2008

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Name of Pesticide Product:

Top Gun

Name and Address of Registrant (include ZIP Code):

Loveland Products, Inc.  
P.O. Box 1286  
Greeley, CO 80632-1286

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 named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is reregistered in accordance with FIFRA section 4(g)(2)(C) provided you:

1. Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data
2. Make the following changes to the product labeling.
  1. The Precautionary Statement "Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals." may be removed.
  2. The PPE section must be revised to read:  
"Some materials that are chemical-resistant to this product are made of waterproof material. If you want more options, follow the instructions for category A on an EPA chemical-resistant category selection chart.

All mixers, loaders, applicators, flaggers and other handlers must wear:  
Long-sleeved shirt and long pants, Shoes and socks, Chemical-resistant gloves (except for pilots), and Chemical-resistant apron when mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.

See engineering controls for additional requirement"

Signature of Approving Official:

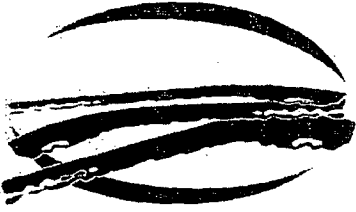
Joanne Miller  
Product Manager 23  
Herbicide Branch  
Registration Division (7505P)

Date:

8 DEC 2008

3. The User Safety Requirements text "Follow manufacturer's instructions for cleaning/maintaining PPE....Keep and wash PPE separately from other laundry" must be moved out of the User Safety Recommendations box and should be placed directly below the handler PPE.
4. Remove the phrase "except as noted on appropriate labels" from the second sentence under Environmental Hazards.
5. The Storage and Disposal heading "PROHIBITIONS" must be removed. Revise the first sentence to "Do not contaminate water, food, or feed by storage **and** disposal." Move the subsequent text "Do not store under conditions which might adversely...penetration of moisture." under the Pesticide Storage section.
6. Revise the General Directions statement to read "**Top Gun** may be applied to control the following listed weeds."
7. Remove the word "recommended" from the asterisk statement under the weeds listing.
8. Add the application restriction "Do not apply with low-pressure or high-volume hand wand equipment."
9. Remove the word "chemigation" from the first sentence under Spray Drift Management, since that method of application is prohibited for this product.
10. Add the following Spray Drift Management statements:
  - (For aerial application)  
"Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety.
  - When applications are made with a crosswind, the swath will be displaced downwind. The applicator must compensate for this by adjusting the path of the aircraft upwind."
  - (For ground boom application)  
"Do not apply with a nozzle height greater than 4 feet above the crop canopy."
11. Add the following statements to the labeling:
  - "Use of this product in certain portions of California, Oregon and Washington is subject to the January 22, 2004 Order for injunctive relief in Washington Toxics Coalition, et al. v. EPA, C01-0132C, (W.D. WA). For further information, please refer to EPA Web Site: <http://www.epa.gov/espp>."

A stamped copy of your labeling is enclosed for your records. Submit one (1) copy of the 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 sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.



# TOP GUN® DRY SOLUBLE HERBICIDE

## Water Soluble Broadleaf Herbicide Crystals for Use on Field Corn and Soybeans

**ACTIVE INGREDIENT:**

Dimethylamine salt of 2,4-Dichlorophenoxyacetic acid	71.2%
4-amino-6-(1,1-dimethyl)-3-(methylthio)-1,2,4-triazin-5(4H)-one	18.8%
<b>INERT INGREDIENTS:</b>	<b>10.0%</b>
<b>TOTAL</b>	<b>100.0%</b>

Contains 59.85% 2,4-Dichlorophenoxyacetic acid equivalent by weight.

### KEEP OUT OF REACH OF CHILDREN DANGER — PELIGRO

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

EPA REG. NO. 34704-817

EPA EST. NO. 32761-MO-3

NET CONTENTS 7 x 4 LBS. (1.81 KG)  
WATER SOLUBLE BAGS

See Below for Additional Precautionary Statements

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EXP 11/07

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER—PELIGRO

Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Harmful if swallowed, inhaled, or absorbed through skin. Avoid contact with skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

#### Personal Protective Equipment:

Some materials that are chemical-resistant to this product are barrier laminate, nitrile rubber, neoprene rubber or viton. If you want more options, follow the instructions for category "A" on an EPA chemical-resistance category selection chart.

**All mixers, loaders, applicators, flaggers, and other handlers must wear:** Long-sleeved shirt and long pants, shoes and socks, plus chemical-resistant gloves, when applying postharvest dips or sprays to citrus, applying with any handheld nozzle or equipment, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate; chemical resistant apron when applying postharvest dips or sprays to citrus, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.

See engineering controls for additional requirements.

#### Engineering controls statements:

**Enclosed Cockpit:** Pilots must use an enclosed cockpit that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.240(d)(6)].

**Water-soluble packets (WSP):** When used correctly WSP qualify as a closed loading system under the WPS. Mixers and loaders using water-soluble packets (1) must wear the PPE specified above for mixers and loaders and (2) must be provided, have immediately available for use in an emergency, such as a broken package, spill, or equipment breakdown a NIOSH approved dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH-approved respirator with any N, R, P, or HE filter.

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:**

**8 DEC 2008**

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

34704-817

### 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. If pesticide gets on skin, wash immediately with soap and water.  
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.  
Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

### FIRST AID

<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes; then continue rinsing eye.</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>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have a person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15 – 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>

**Note to Physician:** If in eyes, specialized ophthalmologic attention may be necessary. If swallowed, probable mucosal damage may contraindicate gastric lavage. There is no specific antidote; treat symptomatically.

#### FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL:

1-800-301-7976.

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

### ENVIRONMENTAL HAZARDS

This pesticide may be toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark except as noted on appropriate labels. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

This chemical 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. Application around a cistern or well may result in contamination of drinking water or groundwater.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **READ AND FOLLOW ALL DIRECTIONS AND USE PRECAUTIONS ON THIS LABEL PRIOR TO APPLICATIONS.**

Do not apply this product through any type of irrigation system. 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 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 made of any water-proof material, shoes plus socks, protective eyewear.

**STORAGE AND DISPOSAL**

**PROHIBITIONS:** Do not contaminate water, food or feed by storage or disposal. Do not store under conditions, which might adversely affect the container or its ability to function properly. Such conditions include, but are not limited to positioning of the container in storage, storage temperature, potential for crushing or damage due to stacking, and penetration of moisture.

**PESTICIDE STORAGE:** Store in a safe manner. Store in original container only. Store in cool, dry place. Reduce stacking height where local conditions, such as humidity, or pallet overhang can affect package strength.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate in a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide and Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL: Paper Bag:** Completely empty bag into the application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State local authorities, by burning. If burned, stay out of smoke.

**Plastic Bucket:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC - 1-800-424-9300.

**GENERAL DIRECTIONS AND PRECAUTIONS**

This product contains a combination of a water-soluble crystalline 2,4-D phenoxy herbicide and metribuzin useful in controlling susceptible broadleaf and grassy weeds.

**DO NOT APPLY THIS HERBICIDE TO OR PERMIT IT TO COME IN CONTACT WITH 2,4-D OR METRIBUZIN SUSCEPTIBLE CROPS AND OTHER DESIRABLE BROADLEAF PLANTS.** This herbicide is injurious to most broadleaf plants.

**DO NOT APPLY WHEN AN AIR TEMPERATURE INVERSION EXISTS. SUCH CONDITIONS CAN EXIST WHEN AIR TEMPERATURES ARE LOWER NEAR THE SURFACE THAN AT HIGHER ALTITUDES**

Many states have laws regarding application of phenoxy herbicides. Because this product contains a 2,4-D phenoxy herbicide, it is subject to local application laws and governmental requirements or restriction. Consult local regulatory agencies concerning requirements before making application. Consult your Agricultural Extension Specialist for advice in selecting treatments, which best fit local conditions. Apply this product only as specified on this label.

The degree of control is dependent upon species, stage of growth and overall growing conditions. Best results are obtained when weeds are young and actively growing. Savage may be applied to control the following listed weeds.

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.

**Annual and Biennial Weeds**

- Beggarticks\*
- Bitterweed
- Bull Thistle
- Bristly Starbur
- Carpetweed
- Common burdock
- Common cocklebur
- Coffeeweed
- Common evening primrose
- Common lambsquarters
- Hairy gallinsoga
- Jimsonweed
- Knotweed\*
- Kochia\*
- Lambsquarters
- Mallow\*
- Marshelder
- Morningglory (common; ivy, wooly)
- Musk thistle\*

**Mustards**

- Pepper weeds
- Pigweeds\*\*
- Prickly lettuce
- Purslane
- Ragweed (common or giant)
- Rough fleabane
- Russian thistle\*
- Salsify (western or common)
- Shepherdspurse
- Smartweeds\* (annual species)
- Sowthistles (annual or spiny)
- Sunflower
- Velvetleaf
- Vervains\*
- Vetches
- Wild carrot
- Wild lettuce
- Wild parsnips

**Annual Grasses**

- Bluegrass
- Broadleaf Signalgrass
- Browntop Millet
- Craygrass

**Crowfootgrass**

- Goosegrass
- Johnsongrass, Seeding
- Junglerice

**Perennial Weeds**

- Artichoke
- Bindweed\* (hedge, field, European)
- Blue Lettuce
- Canada thistle\*\*
- Catnip
- Chicory
- Dandelion
- Dock
- Dogbanes\*
- Goldenrod\*
- Ground ivy\*

**Hebail**

- Hoary cress\*
- Ironweed\*
- Jerusalem-artichoke
- Many flowered aster
- Natties\*\*
- Orange hawkweed\*
- Plantains
- Sowthistle (perennial)
- Vervains\*
- Wild garlic\*
- Wild onion\*

\*These species may require repeated applications or use of the higher rate recommended on this product label.

\*\*Control of these species in areas which are locally resistant, may not be satisfactory with this product.

**APPLICATION PROCEDURES**

Use calibrated spray equipment for all types of applications, to assure applying the recommended amount of Top Gun spray mixture per acre. To mix product, add one-half the water to the mixing tank, then add product with agitation and then add the rest of water with continuing agitation.

Use sufficient spray volume within the ranges specified to obtain good coverage of weeds.

**GROUND APPLICATION**

Ground equipment usually will result in less drift; but drift still may occur. When ground application is used, drift can be lessened by spraying only when wind velocity is low. Apply a minimum of 5 gallons, or more, of spray per acre using coarse sprays and keeping the spray boom low. Do not apply with nozzles that produce a fine droplet spray.

**GROUND BAND SPRAY**

Determine band equivalent to broadcast rates and volumes by the following formulas:

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast rate per acre} = \text{Band rate per acre}$$

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast vol. per acre} = \text{Band vol. per acre}$$

**AERIAL APPLICATION**

Except as otherwise specified on this label, apply Top Gun in 2 or more gallons of water per acre. Avoid using nozzles, which produce fine droplets. Spray only when wind velocity is low, and spray as close to the target area as possible.

**CHEMIGATION**

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

**SPRAY DRIFT MANAGEMENT**

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application (e.g., ground, aerial, airblast, chemigation) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

**Droplet Size**

When applying sprays that contain 2,4-D as the sole active ingredient, or when applying sprays that contain 2,4-D mixed with active ingredients that require a Coarse or coarser spray, apply only as a Coarse or coarser spray (ASAE standard 572) or a volume mean diameter of 385 microns or greater for spinning atomizer nozzles.

When applying sprays that contain 2,4-D mixed with other active ingredients that require a Medium or more fine spray, apply only as a Medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

**Wind Speed**

Do not apply at wind speeds greater than 15 mph. Only apply this product if the wind direction favors on-target deposition and there are not sensitive areas (including, but not limited to, residential areas, bodies of water, known habitat for nontarget species, nontarget crops) within 250 feet downwind. If applying a Medium spray, leave one swath unsprayed at the downwind edge of the treated field.

**Temperature Inversions**

If applying at wind speeds less than 3 mph, the applicator must determine if: a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

**Susceptible Plants**

Do not apply under circumstances where spray drift may occur to food, forage, or other plants that might be damaged or crops thereof rendered unfit for sale, use or consumption. Susceptible crops include, but are not limited to, cotton, okra, flowers, grapes (in growing stage), fruit trees (foliage), soybeans (vegetative stage), ornamentals, sunflowers, tomatoes, beans, and other vegetables, or tobacco. Small amounts of spray drift that might not be visible may injure susceptible broadleaf plants.

**Other State and Local Requirements**

Applicators must follow all state and local pesticide drift requirements regarding application of 2,4-D herbicides. Where states have more stringent regulations, they must be observed.

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**TOP GUN®**  
**EPA REG. NO. 34704-817**

**Equipment**

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates. The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.

**PLANTING IN TREATED AREAS**

**Labeled Crops:** Crops listed as use sites on this or other registered 2,4-D and metribuzin labels may be planted within 29 days of Top Gun application. Follow more specific limitations (if listed) provided in the directions for individual crops. Labeled crops may be at risk for crop injury or loss when planted soon after application, especially in the first 14 days. Degradation factors described below should be considered in weighing this risk.

**Other Crops:** All other crops may be planted 30 or more days following an application without concern for illegal residues in the planted crop. However, under certain conditions, there may be a risk of injury to susceptible crops. Degradation factors described below should be considered in weighing this risk. Under normal conditions, any crop may be planted without risk of injury if at least 90 days of soil temperatures above freezing have elapsed since application.

**Degradation factors:** When planting into treated areas, the risk of crop injury is less if lower rates of product were applied and conditions following application have included warm, moist soil conditions that favor rapid degradation of 2,4-D and metribuzin. Risk is greater if higher rates of product were applied and soil temperatures have been cold and/or soils have been excessively wet or dry in the days following application. Consult your local Agricultural Extension Service for information about susceptible crops and typical soil conditions in your area.

**INSTRUCTIONS FOR USE OF WATER SOLUBLE BAGS**

**General information:** The inner bag of this product is water soluble and dissolves in the mixing tank. Determine the number of water soluble bags to use for your application by consulting the directions for that use site and the information below.

**Handling and Storage Precautions for Water Soluble Bags:** Do not allow bags to become wet prior to adding to mixing tank. Do not handle bags with wet gloves. Excessive handling may cause breakage. Water soluble bags are brittle when stored below 32 degrees F. To avoid breakage, handle carefully when frozen or allow to warm before handling. Store in a cool, dry place. Avoid prolonged storage above 115 degrees F.

**Mixing Instructions:** Fill tank with approximately 1/3 to 2/3 of the total amount of water needed. Drop the required number of bags into tank with agitation running. Depending on the water temperature and degree of agitation, bags should dissolve in about 5 minutes. Bags dissolve more slowly in cold water and with less active agitation. Complete filling the tank while bags dissolve, and make sure that bags are completely dissolved before spraying.

**Determining number of bags to use:** Consult the directions for the use site to be treated and determine the correct application rate. Using the rate per acre and the number of acres you intend to spray, consult the Conversion Table to determine the number of water soluble bags. Use the closest number of bags without exceeding the correct use rate. Do not split or partially use bags.

**CONVERSION TABLE**

RATE PER ACRE		ACRES PER WATER SOLUBLE BAG	
Ounces	Pounds	1 Pound Size	4 Pound Sizes
8	1/2	2	8
10	5/8	1.6	6.4
12	3/4	1.33	5.33
16	1	1	4

Number of Bags to Use =  $\frac{\text{Number of Acres to Be Treated}}{\text{Acres Per Water Soluble Bag for Your Rate and Bag Size}}$

**FIELD CORN**

**Preplant:** (Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, Ohio, South Dakota, and Wisconsin) For control of emerged broadleaf weed seedlings or existing cover crops prior to planting corn, apply 1/2 to 1 lb. (.3 to .6 lb ae) Top Gun per acre, 7 to 14 days before planting. Do not use on light, sandy soil, or where soil moisture is inadequate for normal weed growth. Use the higher rate to control certain problematic weeds or cover crops such as alfalfa. Limited to one preplant or preemergence application per crop cycle. Maximum of 1.0 lb ae/acre per application.

**Post-emergence:** Apply 1/4 to 1/2 lbs. (.15 to .3 lb ae) per acre when weeds are small and corn is less than 8 inches tall (to top of canopy). When corn is over 8 inches tall, apply 1/2 to 3/4 lb (.3 to .45 lb ae) per acre, using drop nozzles and keeping spray off foliage. Do not apply from 7 to 10 days before tasseling to dough stage. Injury to corn is most likely to occur if applied when corn is growing very rapidly under high temperature and high soil moisture conditions. In such situations, use the low rate of 1/4 lb. per acre. After application, delay cultivation for 8 to 10 days to allow the corn to overcome any temporary brittleness. Do not apply with liquid fertilizer or oil. Many types of adjuvants will increase risk of crop injury. Where an adjuvant is required, use the lowest recommended concentration of non-ionic surfactant (often 0.25% vol./vol. or less) to minimize such risk. Treated crop may be brittle and subject to breaking by wind and/or cultivation, especially in the 2 weeks following Top Gun application. Limited to one post-emergence application per crop cycle. Maximum of 0.5 lb ae/acre per application.

**Preharvest:**

Limited to one preharvest application per crop cycle. Maximum of 1.5 lbs ae/acre per application.

**Restrictions and Precaut.**

Do not use on sandy, loamy sand, or sandy loam soils that have less than 0.5% organic matter.

Field corn treated with Top Gun may be grazed or harvested for silage or grain 60 days after treatment. Do not use treated crop as fodder for 7 days following application. The preharvest interval (PHI) is 7 days. Maximum of 3 lbs ae/acre per crop cycle.

**SOYBEANS-PREPLANT ONLY- FOR USE IN CROP RESIDUE MANAGEMENT SYSTEM**

Apply 1/2 to 1 lb. (.45 to .6 lb ae) Top Gun per acre. Use the lower rate not less than 15 days prior to planting soybeans, when weeds are small and actively growing. Use the higher rate not less than 30 days prior to planting soybeans, when perennials are present. Do not apply more than 1 lb. (.6 lb ae) Top Gun per acre in one season prior to planting soybeans. After applying, plant soybean seed as deep as practical or at least 1 1/2 to 2 inches deep. Adjust the planter press wheel, if necessary, to ensure that planted seed is completely covered.

**Aerial Application:** When applying aerially, use 2 or more gallons of total spray volume per acre.

**Ground Application:** With ground equipment, use 10 or more gallons of total spray volume per acre.

This product may be applied preplant to soybeans in tank mixture with other herbicides that are registered for preplant soybean use.

**Restrictions and precautions:** Unacceptable injury to soybeans planted in fields previously treated with this product may occur. The extent of the injury will depend on weather and agronomic factors, such as the amount of weed vegetation and previous crop residue present that may be in effect between the time of the applications and the emergence of the soybean plant.

Do not make more than one application per growing season regardless of the application rate used. Use a maximum of 1.0 ae/acre per preplant application. Apply not less than 30 days prior to planting soybeans.

Do not feed hay, forage or fodder. Restrict livestock from grazing treated fields.

Restrict livestock from leeding/grazing of treated cover crops.

**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.

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 DAMAGES IN THE NATURE OF A PENALTY.

FORMULATED FOR



P.O. BOX 1286, GREELEY, COLORADO 80632-1286