

7001-46

10/8/2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OCT - 8 2003

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Ms. Lisa J. Strong
J.R. Simplot Company
16777 Howland Rd.
P.O. Box 198
Lathrop, California 95330-0198

Dear Ms. Strong:

Subject: LEAFEX 2
EPA Registration Number 7001-46
Application dated September 23, 2003

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act as amended is acceptable, provided you make the following changes before you release the product for shipment.

1. Change waterproof gloves to "chemical-resistant gloves made of any waterproof material" under PPE, and Agricultural Use Requirements.
2. Add Spray Drift Management from attachment.
3. Clarify the statement "Make no more than two applications" with a time period, such as per season or per year.
4. Under the heading STORAGE AND DISPOSAL, replace "Storage" with "Pesticide Storage," remove the word "empty" from the subheading "Empty Container Disposal," and move the section "Spill" to after "Container Disposal."

Submit three (3) copies of final printed labeling incorporating the above changes before you release the product for shipment. Amended labeling will supercede all previously accepted ones. A stamped copy of labeling is enclosed for your records.

Sincerely,

A handwritten signature in black ink, appearing to read "James A. Tompkins", is written over the typed name.

James A. Tompkins, haj
Product Manager 25
Herbicide Branch
Registration Division (7505C)

LEAFEX 2

DEFOLIANT - DESICCANT

ACTIVE INGREDIENT:

Sodium Chlorate 18.2%

OTHER INGREDIENTS: 81.8%

TOTAL: 100.0%

Each gallon contains 1.76 lbs. of Sodium Chlorate with fire retardant.

EPA Reg. No. 7001-46

EPA Est. No. 11360-CA-01

Read The Entire Label Before Using This Product.

Use Only According To Label Instructions.

NOTICE: Before using this product, read the entire Precautionary Statements, Conditions of Sale and Warranty, Directions for Use, Use Restrictions and Storage and Disposal Instructions. If Conditions of Sale and Warranty are not acceptable, return the product unopened within thirty days of purchase to the place of purchase.

NET CONTENTS: XXX Gallons

Manufactured By:

Simplot**J.R. SIMPLOT COMPANY**

P. O. Box 198 • Lathrop, CA 95330

ACCEPTED
with COMMENTS
in EPA Letter Dated

OCT - 8 2003

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

KEEP OUT OF REACH OF CHILDREN

WARNING AVISO

7001-46

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

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have a person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment information.	
NOTE TO PHYSICIAN	
Probable mucosal damage may contraindicate the use of gastric lavage.	

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Harmful if swallowed. May irritate eyes, nose, throat and skin. Avoid contact with skin, eyes and clothing. Avoid breathing spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

APPLICATORS AND OTHER HANDLERS MUST WEAR:

- Coveralls over short-sleeved shirt and short pants
 - Chemical-resistant footwear plus socks
 - Chemical-resistant headgear for overhead exposure
 - Dust/mist filtering respirator (MSHA/NIOSH) approval number prefix TC-21C or a NIOSH approved respirator with any N, R, P, or HE filter.
 - Waterproof gloves
 - Protective eyewear
 - Chemical-resistant apron when cleaning equipment, mixing or loading
- 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.

USER SAFETY RECOMMENDATIONS

Users should: (1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet; (2) Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing; (3) 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.

ENVIRONMENTAL HAZARDS

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 disposing of equipment washwaters. Do not apply when weather conditions favor drift away from target area.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

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

Do not enter or allow worker entry into treated areas during the Restricted Entry Interval (REI) of 12 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 over short-sleeved shirt and short pants; waterproof gloves; chemical resistant footwear plus socks; protective eyewear; and, chemical-resistant headgear for overhead exposure.

APPLICATION

LEAFEX 2 may be applied by aircraft or ground equipment. Thorough coverage of the crop plant is essential. Results may be enhanced by the addition of a good, nonionic spreader sticker to the spray mixture. Tall plants and rank foliage will require a larger volume of spray. Do not apply during windy weather as spray drift to susceptible nearby crops may cause damage. Do not apply during very high temperatures.

DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.

COTTON DEFOLIATION: Stage of plant growth and prevailing weather conditions markedly affect the defoliation process. Best results are obtained when soil fertility and moisture are adequate, the boll set is heavy, all bolls are mature, vegetable growth has stopped and there is little or no second growth. Leaves should be green and turgid. Bolls less than 35 days old may not mature after application of this product. Apply 2 or 3 weeks before anticipated picking date on clear days when temperature will go above 70°F.

- Do not apply during windy weather.
- Do not apply under conditions of extreme heat during middle of the day.
- Do not apply within 7 days of harvest.
- Make no more than two applications.
- Do not graze treated areas or feed gin waste to livestock.

RATES TO USE (All States Except Arizona):

Air Application: Apply 2½ gallons LEAFEX 2 in 4-10 gallons of water.

Ground Application: Apply 2½ gallons LEAFEX 2 in 20-30 gallons of water.

RATES TO USE — ARIZONA ONLY:

Air Application: Apply 2½-3 gallons LEAFEX 2 in 4-10 gallons of water.

Ground Application: Apply 2½-3 gallons LEAFEX 2 in 20-30 gallons of water.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in the original container in a cool, dry, fire resistant, secured storage area; separate from acids, solvents, oils, organic substances, sulfur, powdered metals and away from fire hazards.

SPILL: In case of spill, use clay or earth-based absorbent material, then sweep or vacuum. If spilled on concrete or metal floors, flush with water after sweeping or vacuuming. Place in metal containers with tight-fitting lids until used or disposed.

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

EMPTY CONTAINER DISPOSAL: 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.

CONDITIONS OF SALE AND WARRANTY

J.R. Simplot Company warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. J.R. SIMPLOT COMPANY MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Handling, storage and use of the product by Buyer or User are beyond the control of J.R. Simplot Company and Seller. Risks such as crop injury, ineffectiveness or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pest, drift to other crops or property or failure to follow label directions will be assumed by the Buyer or User. In no case will J.R. Simplot Company or Seller be held liable for consequential, special or indirect damages resulting from the handling, storage or use of this product.

JRS 3131(0894/0803)