

34704-489

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

JAN 28 2010

Mr. Christopher J. Mason
Loveland Products, Inc.
P.O Box 1286
Greeley, Colorado 80632-128

Subject: Revised Medical Emergency Number, Storage and Disposal Statement and
Warranty Statement

Dear Mr. Mason:

The Agency is in receipt of your Application(s) for Pesticide Notification under
Pesticide Registration Notice (PRN) 2007-4 & 98-10 dated January 12, 2010 for:

EPA Registration 34704-489

Dimethoate 2.67 EC

The Registration Division (RD) has conducted a review of this request for
applicability under PRN 2007-4 & 98-10 and finds that the label change(s) requested falls
within the scope of PRN-2007-4 & 98-10. The label has been date-stamped "Notification"
and will be placed in our records.

If you have any questions, call me at 703 305-5409 or electronically at
daniel.dani@epa.gov.

Sincerely,

Dani Daniel
Registration Division (7505P)
Insecticide/Rodenticide Branch



United States
Environmental Protection Agency
 Washington, DC 20460

<input type="checkbox"/>	Registration	NOTIFICATION	OPP Identifier Number
<input type="checkbox"/>	Amendment		
<input checked="" type="checkbox"/>	Other		JAN 28 2010

Application for Pesticide - Section I

1. Company/Product Number 34704-489	2. EPA Product Manager Venus Eagle	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Dimethoate 2.67 EC	PM# 1	
5. Name and Address of Applicant (Include ZIP Code) Loveland Products, Inc. P.O. Box 1286 Greeley, Colorado 80632-128 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of Dimethoate 2.67 EC (EPA Reg No 34704-489) for the following revisions: warranty statement; medical emergency number; storage and disposal per PR Notices 98-10 and 2007-4.

Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. 21.1 lbs	No. per container 2
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 2.5 gal.	5. Location of Label Directions <input checked="" type="checkbox"/> Label Booklet
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input checked="" type="checkbox"/> Other Pressure sensitive - self adhering	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Christopher J. Mason, Ph.D.	Title Manager Registrations	Telephone No. (Include Area Code) 970-347-3415
<p align="center">Certification</p> <p>I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment, or both under applicable law.</p>		6. Date Application Received (Stamped)
2. Signature 	3. Title Manager Registrations	
4. Typed Name Christopher J. Mason	5. Date January 12, 2010	

NOTIFICATION

JAN 28 2010

3066



DIMETHOATE 2.67 EC

Organophosphate SYSTEMIC INSECTICIDE-MITICIDE

ACTIVE INGREDIENT:

Dimethoate O,O-Dimethyl
S-(N-methylcarbamoylmethyl) phosphorodithioate 30.5%

INERT INGREDIENTS: 69.5%
TOTAL 100.0%

Contains 2.67 lbs. active ingredient per gal.

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 this label, find someone to explain it to you in detail.)

See Below For Additional Precautionary Statements.

EPA REG. NO. 34704-489

EPA EST. NO. 34704-MS-002

NET CONTENTS 2½ GALS. (9.46 L)

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101008 V2D 01Y10

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING—AVISO

Harmful or fatal if swallowed. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes and clothing. May cause eye irritation. Use only with adequate ventilation. Do not contaminate food or feed products.

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 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.
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.

NOTE TO PHYSICIAN: Atropine is antidotal. Pralidoxime chloride may be effective as an adjunct to atropine. This product may cause cholinesterase inhibition. Aspirated cyclohexanone may cause severe lung damage. If swallowed stomach

contents should be evacuated quickly in a manner which avoids aspiration. Otherwise treatment should be directed at the control of symptoms and clinical condition.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL:

1-866-944-8565.

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

Personal Protective Equipment (PPE):

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber (> 14 mils.), nitrile rubber (> 14 mils.) and viton (> 14 mils.). If you want more options, follow the instructions for category "F" on an EPA chemical-resistance category selection chart.

Mixers, loaders, applicators, flaggers, and other handlers must wear:

- Long-sleeved shirt and long pants,
- Shoes plus socks,
- Chemical-resistant gloves,
- a NIOSH-approved dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH-approved respirator with any R, P, or HE filter,
- Chemical-resistant apron when mixing, loading, cleaning up spills, or equipment.

See Engineering Controls for additional requirements and exceptions.

User Safety Requirements:

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.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

Engineering Controls:

Mixers and loaders supporting aerial application to alfalfa, cotton, soybeans, corn, safflower, sorghum, and wheat must use a closed system that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4)]. The system must be capable of removing the pesticide from the shipping container and transferring it into mixing tanks and/or application equipment. At any disconnect point, the system must be equipped with a dry disconnect or dry couple shut-off device that is warranted by the manufacturer to minimize drip/leak to no more than 2 ml per disconnect. In addition, mixers and loaders must:

- wear the personal protective equipment required on this labeling for mixers / loaders, except no respirator is required;
- wear protective eyewear, if the system operates under pressure; and
- be provided and have immediately available for use in an emergency, such as a broken package, spill, or equipment breakdown, chemical resistant footwear and a respirator of the type specified in the PPE section of this labeling.

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)]. Pilots need not wear the PPE required in this labeling for applicators, but must wear at least a long-sleeve shirt, long pants, shoes, and socks.

When handlers use closed systems, or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-5)), 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.

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DIMETHOATE 2.67 EC

EPA REG. NO. 34704-489

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

Dimethoate is known to leach through soil into ground water under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground-water contamination.

This product may contaminate water through drift of spray in wind. This product has a high potential for runoff for several days after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product.

A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.

A vegetative filter strip constructed and maintained in accordance with the 2000 Natural Resources Conservation Service publication Conservation Buffers to Reduce Pesticide Losses (<http://www.nrcs.usda.gov/feature/buffers/>) will significantly reduce the potential for contamination of water from rainfall-runoff.

CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

DIRECTIONS FOR USE

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

This product is for use in commercial settings only. Use in residential settings is prohibited.

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.

High Pressure Handwand Equipment: When applications are made by high pressure handwand equipment, the maximum application rate for all crops and use-patterns is 0.0025 pounds active ingredient per gallon.

Requirements for Reducing Spray Drift:

Do not apply under circumstances where possible drift to unprotected persons or to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use, or consumption can occur.

1. Use the largest droplet size consistent with acceptable efficacy. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible, and by avoiding excessive spray boom pressure. For groundboom and aerial applications, use medium or coarser spray nozzles according to ASAE 572 definition for standard nozzles or a volume mean diameter (VMD) of 300 microns or greater for spinning atomizer nozzles.

2. Make aerial or ground applications when the wind velocity favors on target product deposition. Apply only when the wind speed is less than or equal to 10 mph. For all non-aerial applications, wind speed must be measured adjacent to the application site on the upwind side, immediately prior to application.

3. Do not make aerial or ground applications into areas of temperature inversions. Inversions are characterized by stable air and increasing temperatures with increasing distance above the ground. Mist or fog may indicate the presence of an inversion in humid areas. Where permissible by local regulations, the applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

4. Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift. Avoid spraying during conditions of low humidity and/or high temperatures.

5. All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.

6. For groundboom applications, apply with nozzle height no more than 4 feet above the ground or crop canopy.

7. For airblast applications, turn off outward pointing nozzles at row ends and when spraying the outer two rows. To minimize spray loss over the top in orchard applications, spray must be directed into the canopy.

8. For aerial applications, release spray at the lowest height consistent with efficacy and flight safety. If the application includes an aquatic buffer zone, do not release spray at a height greater than 10 feet above the ground or crop canopy.

9. For aerial applications, the spray boom should be mounted on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length should be used and must not exceed 75% of the wingspan or 90% of rotor blade diameter. Use upwind swath displacement.

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).

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 long-sleeved shirt and long pants,
- Chemical-resistant gloves made of any waterproof material,
- Chemical-resistant footwear plus socks,
- Chemical-resistant headgear for overhead exposure.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated area.

DIRECTIONS FOR DILUTION UNLESS STATED

DILUTE APPLICATION: Ground Application For Field & Vegetable Crops: Apply specified rate in 20 to 60 gallons of water per acre.

CONCENTRATE APPLICATION: Ground Application: Apply specified rate in not less than 5 gallons of water per acre. Orchard Application: Apply equivalent per acre rates in 20 to 100 gallons of water per acre. Special concentrate equipment is necessary for these uses.

AIR APPLICATION: Apply specified rate in 5 to 20 gallons of water per acre. Orchard rates use equivalent per acre rate in not less than 10 gallons of water per acre. Do not use air application on pecans.

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

CROPS

ALFALFA (grown for seed and hay): *Aphids, leafhoppers, lygus bugs, grasshoppers and reduction of alfalfa weevil larvae, plant bugs*-Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. (.25-.5 lb a.i.) per acre. This pesticide is highly toxic to bees, do not apply if bees are visiting the areas to be treated when crop or weeds are in bloom. For alfalfa hay, do not apply within 10 days of harvest or pasturing-make only 1 application per year. For alfalfa seed, do not feed or graze livestock on treated crops, hay threshings or stubble within 20 days of application. Maximum single application rate: 0.5 lb a.i./A. Maximum total rate per crop cycle or cutting: 0.5 lb a.i./A.

The REI is 48 hours.

BEANS, (including fresh, snap, lima and dry; excluding cow peas): *Aphids, leafhoppers, leaf miners, mites, lygus bugs, bean leaf beetle, Mexican bean beetle*-Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. (.25-.5 lb a.i.) per acre. No time limitation. This pesticide is highly toxic to bees, do not apply if bees are visiting the areas to be treated when crop or weeds are in bloom. Do not feed treated vines to livestock. Maximum single application rate: 0.5 lb a.i./A., 14 day retreatment interval. Maximum total rate per season: 1 lb a.i./A.

The REI is 48 hours.

BROCCOLI, BRUSSEL SPROUTS & CAULIFLOWER: *Aphids*-Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. (.25-.5 lb a.i.) per acre. For broccoli and cauliflower do not apply within 7 days of harvest. For brussel sprouts do not apply within 10 days of harvest. Maximum application rate: 0.5 lb a.i./A., 7 day retreatment interval. Maximum total rate per year: 1.5 lbs a.i./A.

The REI is 48 hours; however, the REI is increased to 72 hours in outdoor areas where the average annual rainfall is less than 25 inches per year.

CITRUS (grapefruit, lemons, oranges, tangerines): Do not apply when trees or substantial numbers of weeds in the grove are in bloom. Do not use on seedlings. Do not apply within 15 days of harvest, except do not apply within 45 days of harvest for scale control rates over 1 $\frac{1}{2}$ pts. (.5 lb a.i.) per 100 gallons of water. Make no more than 2 applications to mature fruit. Do not enter groves or nurseries within 48 hours of application. Do not graze livestock on cover crops grown in treated orchards. *Aphids, mites (except rust mite), thrips*-Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. (.25-.5 lb a.i.) per 100 gallons of water. *Scales (except black or snow)*-Apply 1 $\frac{1}{2}$ - 3 pts. (.5-1.0 lb a.i.) per 100 gallons of water. *Whiteflies and citrus psyllid*-Apply 1 $\frac{1}{2}$ pts. (.5 lb a.i.) per 100 gallons of water. Maximum application rate: 1 lb a.i./A. Maximum total rate per year: 1 lb a.i./A. Thorough coverage is necessary. For aerial application, apply in a minimum of 5 gallons of water.

The REI is 10 days; however, the REI is increased to 14 days in outdoor areas where the average annual rainfall is less than 25 inches per year.

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DIMETHOATE 2.67 EC

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CITRUS (grapefruit, lemons, oranges, tangerines) (non-bearing and nursery stock) California & Arizona only: *Thrips, aphids*-Foliar spray-Apply 1½ pts. (.5 lb a.i.) per 100 gallons of water. Repeat as necessary. Use only on nursery stock and other non-bearing trees (trees that will not bear fruit within one year). Soil drench: apply 3 qts. (1.0 lb a.i.) per acre in the basin or furrow around the base of the tree. Apply when insect injury to new growth appears. Use only on nursery stock and other non-bearing (trees that will not bear fruit within one year). Do not graze livestock on cover crops grown in treated orchards. Maximum application rate: 1 lb a.i./A. Maximum total rate per year: 1 lb a.i./A.

The REI is 10 days; however, the REI is increased to 14 days in outdoor areas where the average annual rainfall is less than 25 inches per year.

CITRUS (grapefruit, lemons, oranges, tangerines) Arizona only: *Thrips*-Use specified dosage of Dimethoate 2.67 EC in the amount of water necessary to achieve adequate coverage of foliage. Ground: Apply up to 3 pints (1.0 lb a.i.) in not less than 20 gals. water/acre. Do not apply within 15 days of harvest. Maximum application rate: 1 lb a.i./A. Maximum total rate per year: 1 lb a.i./A.

The REI is 10 days; however, the REI is increased to 14 days in outdoor areas where the average annual rainfall is less than 25 inches per year.

Note: Use of dimethoate is prohibited during any time of day in any given orchard from when that orchard has 10% open blooms until such time as there has been at least 75% petal fall on the north side of the trees. Applications of dimethoate shall be limited to that period of time between one (1) hour after sunset to three (3) hours before sunrise when any one of the following conditions prevail: 1) Before the onset of petal fall, the orchard to be treated has open blooms present and these open blooms represent less than 10% of the total anticipated blooms in the orchard. 2) After the initiation of petal fall there are less than 25% of open blooms remaining in the orchard to be treated. 3) It is between the calendar dates of February 15 and May 1st.

All applications of dimethoate on citrus must be documented on Form 1080 written either by a pest control advisor, farm owner or farm manager as is normally required for custom applications of pesticides, except that private applicators may omit the "Pesticide Application Report" section. The description of the status of bloom of the orchard to be treated as it was at the time of the application shall be indicated in the section for "Label Restrictions/Special Instruction". Both private and custom applicators shall mail to the Agriculture Department's Phoenix office the original or each completed Form 1080 done in accordance with this label. Each Form 1080 shall be postmarked not later than Monday following the week in which the application was made, except when holidays intervene.

COTTON: *Aphids, mites, thrips, fleahoppers, plant bugs*-Apply 1/3 - 1½ pt. (1-5 lb a.i.) per acre. Do not apply within 14 days of harvest. Repeat applications should not be made in intervals closer than 14 days. Do not feed treated forage or graze livestock on treated fields. Maximum single application rate: 0.5 lb a.i./A., 14 day retreatment interval. Maximum total rate per season: 1 lb a.i./A.

The REI is 48 hours.

COTTON (use restricted to California and Arizona): *Lygus bugs, leafhoppers, black fleahopper*-Apply ¾ - 1½ pts. (.25-5 lb a.i.) per acre. Do not apply within 14 days of harvest. Repeat applications should not be made at intervals closer than 14 days. No more than 2 applications per season. Do not feed treated forage or graze livestock on treated fields. Maximum single application rate: 0.5 lb a.i./A., 14 day retreatment interval. Maximum total rate per season: 1 lb a.i./A.

The REI is 48 hours.

CORN (field and pop): *Aphids, bean beetles, corn rootworm adults, mites, thrips, fleahoppers*-Apply 1-1½ pts. (.3-5 lb a.i.) per acre when insects first appear. Apply as needed using a maximum of 3 applications per year. Do not apply within 14 days of harvest if corn is used for forage and 42 days if used for grain. Do not apply to corn during the pollen-shed period. Maximum application rate: 0.5 lb a.i./A. Maximum total rate per year: 0.5 lb a.i./A.

The REI is 48 hours. **PROHIBITION:** Workers are prohibited from entering the treated area to perform detasseling tasks for 4 days in non-arid areas and for 15 days in outdoor areas where the average annual rainfall is less than 25 inches per year.

LENTILS: *Aphid, lygus bugs*-Apply ¾ -1½ pts. (.25-5 lb a.i.) per acre when insects first appear. Use the higher application rate for *lygus control*. Repeat applications as needed. This pesticide is highly toxic to bees, do not apply if bees are visiting the areas to be treated when crop or weeds are in bloom. Do not apply within 14 days of harvest. Do not feed or graze hay or treated vines. Maximum application rate: 0.5 lb a.i./A., 7 day reapplication interval. Maximum total rate per year: 1 lb a.i./A.

The REI is 48 hours.

LETTUCE (leaf), ENDIVE (escarole), KALE, MUSTARD GREENS, SWISS CHARD, TURNIPS (greens and roots): *Aphids, leafhoppers, leaf miners*-Apply ¾ pint (.25 lb a.i.) per acre. Do not apply within 14 days of harvest.

Maximum application rate: 0.25 lb a.i./A. Follow the re-application interval, maximum total rate per year and REI for the crops listed below:

	Re-Application Interval (Days)	Maximum Total Rate Per Year (lb. a.i./A)	REI (hours)
Leaf Lettuce			
Swiss chard			
Endive			
Escarole	7	.75	48
Kale	15	0.5	48
Mustard greens	9	0.5	48
Turnips (greens & roots)	3	1.75	48

MELONS (except watermelons): *Aphids, leafhoppers, leaf miners, thrips*-Apply 1½ pts. (.5 lb a.i.) per acre. Do not apply within 3 days of harvest. Maximum application rate: 0.5 lb a.i./A., 7 day reapplication interval. Maximum total rate per year: 1 lb a.i./A.

The REI is 48 hours.

WATERMELONS: *Aphids, leafhoppers, leaf miners*-Apply ¾ - 1½ pts. (.25-5 lb a.i.) per acre. Do not apply within 3 days of harvest. Maximum application rate: 0.5 lb a.i./A., 7 day reapplication interval. Maximum total rate per year: 1 lb a.i./A.

The REI is 48 hours.

PEARS: *Aphids, leafhoppers, mites (except rust mite)*-Apply ¾ -1½ pts. (.25-5 lb a.i.) per 100 gallons of water. Do not apply within 28 days of harvest. Do not apply when trees or substantial numbers of weeds in the orchard are in bloom. Do not graze livestock on cover crops grown in treated orchards. Maximum application rate: 1 lb a.i./A. Maximum total application rate per year: 1 lb a.i./A.

The REI is 10 days; however, the REI is increased to 14 days in outdoor areas where the average annual rainfall is less than 25 inches per year.

PEAS: *Aphids*-Apply ½ pt. (0.16 lb a.i.) per acre. Peas may be harvested on day of application. This pesticide is highly toxic to bees, do not apply if bees are visiting the areas to be treated when crop or weeds are in bloom. Do not feed or graze hay within 21 days after last application when a stationary viner is used. Do not feed or graze when a mobile viner is being used. Maximum application rate: 0.16 lb a.i./A. Maximum total rate per year: 0.16 lb a.i./A.

The REI is 48 hours. Not for use on field peas.

PECANS: *Aphids, mites, leafhoppers*-Apply 1 pt. (.33 lb a.i.) per acre by ground equipment only. Do not apply within 21 days before harvest. Do not graze livestock in treated groves. Apply in 100-500 gallons of water per acre. Maximum application rate: 0.33 lb a.i./A. Maximum total rate per year: 0.33 lb a.i./A.

The REI is 48 hours.

PEPPERS: *Aphids, leaf miners, maggot*-Apply ¾ -1 pt. (.25-.33 lb a.i.) per acre. Maximum application rate: 0.33 lb a.i./A., 7 day reapplication interval. Maximum total rate per year: 1.65 lbs a.i./A.

The REI is 48 hours.

POTATOES: *Aphids, leafhoppers, leaf miner*-Apply ¾ -1½ pts. (.25-5 lb a.i.) per acre. Potatoes may be harvested on day of application. Maximum application rate: 0.5 lb a.i./A., 7 day reapplication interval. Maximum total rate per year: 1 lb a.i./A.

The REI is 48 hours.

SAFFLOWER (use restricted to California and Arizona): *Aphids, leafhoppers, lygus bugs, thrips*-Apply ¾ -1½ pts. (.25-5 lb a.i.) per acre. Do not apply within 14 days of harvest. Repeat applications should not be made at intervals closer than 14 days. No more than two applications per season. Maximum single application rate: 0.5 lb a.i./A. Maximum total rate per crop cycle or cutting: 0.5 lb a.i./A.

The REI is 48 hours.

SORGHUM: *Aphids, mites*-Apply ¾ -1½ pts. (.25-5 lb a.i.) per acre. Do not feed or graze within 28 days of last application. Do not apply after heading. No more than three applications per season. Maximum application rate: 0.5 lb a.i./A., 7 day reapplication interval. Maximum total application rate per year: 1 lb a.i./A.

The REI is 48 hours.

SOYBEANS: *Leafhoppers, alfalfa loopers, Mexican bean beetles, spider mites*-Apply 1½ - 1½ pts. (.4-5 lb a.i.) per acre. Do not feed or graze within 5 days of last application. Do not apply within 21 days of harvest. Maximum application rate: 0.5 lb a.i./A., 7 day reapplication interval. Maximum total application rate per year: 1 lb a.i./A.

The REI is 48 hours.

TOMATOES: *Aphids, leafhoppers, leaf miners*-Apply ¾ -1½ pts. (.25-5 lb a.i.) per acre. Maximum application rate: 0.5 lb a.i./A., 6 day reapplication interval. Maximum total rate per year: 1.0 lb a.i./A. Do not apply within 7 days of harvest. The REI is 48 hours.

DIMETHOATE 2.67 EC
EPA REG. NO. 34704-489

EXTENT CONSISTENT WITH 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.

WHEAT: Aphids (including greenbug), brown wheat mite - Apply $\frac{3}{4}$ - $1\frac{1}{2}$ pt. (.25-.5 lb a.i.) per acre. Do not apply within 14 days of grazing immature plants. Do not harvest grain within 35 days of last application. Make no more than two applications per growing season. Maximum single application rate: 0.5 lb a.i./A. Maximum total rate per crop cycle or cutting: 0.5 lb a.i./A.

The REI is 48 hours.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Do not store below 32°F or above 90°F. Store in original container in a well-ventilated area separately from fertilizer, feed, and foodstuffs. Avoid cross-contamination with other pesticides.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. 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: 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. 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 $\frac{1}{4}$ 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. **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 help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC - 1-800-424-9300.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY
BEFORE BUYING OR USING THIS PRODUCT, read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of 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 AND TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS PRODUCT IS SOLD "AS IS," AND LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ELIGIBILITY OF THIS PRODUCT FOR ANY PARTICULAR TRADE USAGE.

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