

**RESTRICTED USE PESTICIDE**

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

# Monitor<sup>®</sup> 4

Liquid Insecticide

**For effective insect control on cole crops, cotton, and potatoes**

ACTIVE INGREDIENT	40%
O, S Dimethyl phosphoramidate*	
INERT INGREDIENTS	60%

\*U.S. Patent Nos. 3,667,644 and 3,767,617

EPA Reg. No. 315-251AA

EPA Est. 315-MO-1

Contains 4.4% O, S Dimethyl phosphoramidate per gallon.

**Store in cool dry place but not below 15° F. Protect from heat.**

**STOP—Read the label before use**

**DANGER**  **POISON**

**Keep out of reach of children.**

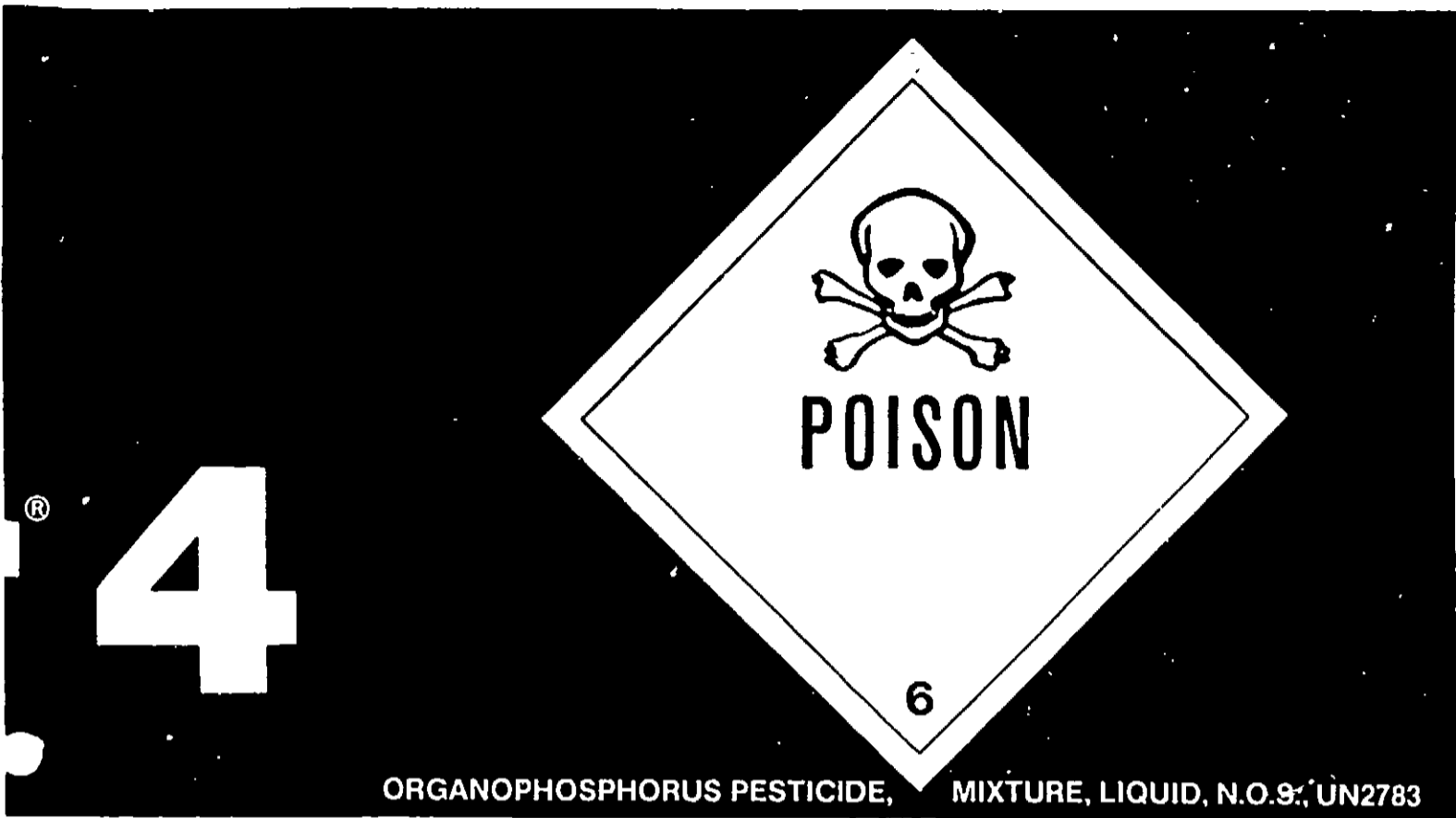
See Statements of Fact, Treatment and Precautions on rear panel.

**NET CONTENTS 5 GALLONS**

**115 536**



Mobay Chemical Corporation  
Agricultural Chemicals Division  
Box 4913, Kansas City, Mo. 64120



ORGANOPHOSPHORUS PESTICIDE, MIXTURE, LIQUID, N.O. 9, UN2783

**Aviso.**

**AL USUARIO:** Si usted no puede leer o entender inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

**TO THE USER:** If you cannot read or understand English, do not use this product until the label has been fully explained to you.

**Directions for use.**

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

**IMPORTANT:** Read these entire Directions and Conditions of Sale before using MONITOR 4 liquid insecticide.

**CONDITIONS OF SALE:** The directions on this label were determined through research to be the directions for correct use of this product. This product has been tested for a range of weather conditions similar to those weather conditions that are ordinary and customary in the geographic area where the product is used. Insufficient control of pests may result from the occurrence of extraordinary or unusual weather, or from failure to follow label directions. In addition, failure to follow label directions may cause injury to the crop to which the product is applied, other crops, animals, man, or the environment. Mobay and the seller offer, and the buyer accepts and uses, this product subject to the conditions that extraordinary or unusual weather, or failure to follow label directions are beyond the control of Moby and are, therefore, the responsibility of the buyer.

**Directions.**

Use the designated amount of product in the following gallons of water per acre unless otherwise noted.

Ground Application: 25 to 125 gallons of water

Air Application: 3 to 10 gallons of water

**Restrictions.**

Do not apply under conditions involving possible drift to food, forage, or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption. Not for use or storage in or around the home.

**Recommendations**

CROP	
Cotton	Aphids Beet arm Cabbage Mites Thrips Lygus (C & Arizc  Whitefly
Broccoli Brussels Sprouts Cabbage Cauliflower	Cabbage Imported Cabbag Diamond moth I. Aphids
Potatoes	Aphids Potato Cabbage Colorado beetle Long Horned Potato

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vision  
fo. 64120





# Mol

Liquid Insecticide

US PESTICIDE, MIXTURE, LIQUID, N.O.S., UN2783

**ADVERTENCIA:** Si usted no puede leer o entender inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

**PRECAUCIÓN:** Este producto puede ser muy tóxico si se usa incorrectamente. Lea las instrucciones cuidadosamente.

**Indicaciones de uso.**

Este producto debe usarse solo para los usos indicados en la etiqueta.

**PRECAUCIÓN:** Lea todas las instrucciones y advertencias cuidadosamente.

**CONDICIONES DE VENTA:** Las direcciones en esta etiqueta fueron determinadas por suficiente investigación para ser las direcciones para el uso correcto de este producto. Este producto ha sido probado para un rango de condiciones de tiempo similares a las condiciones ordinarias y usuales en el área geográfica donde se usa el producto. Insuficiente control de plagas puede resultar de la ocurrencia de condiciones extraordinarias o de tiempo, o de la falla de seguir las direcciones. Además, el uso incorrecto de este producto puede causar daño a los cultivos a los que se aplica, a otros cultivos, animales, personas, o al medio ambiente. Lea la oferta del vendedor y el comprador acepta y usa este producto sujeto a las condiciones que son extraordinarias o inusuales o de la falla de seguir las direcciones que están fuera del control del vendedor, por lo tanto, la responsabilidad del comprador.

**Indicaciones.**

Este producto debe usarse solo para los usos indicados en la etiqueta.

**Precauciones.**

Este producto puede ser muy tóxico si se usa incorrectamente. Lea las instrucciones cuidadosamente.

**Recommended applications.**

CROP	INSECT	DOSAGE - Pints MONITOR 4	REMARKS
Cotton	Aphid Planthopper Leafhopper Moth Thrips Stink bug Armyworm	1.0	Apply in the early morning or late afternoon. Do not apply when the temperature is above 85°F. Do not apply when the wind is blowing from the direction of the crop. Do not apply when the crop is under stress.
Soybean	Aphid Planthopper Leafhopper Moth Thrips Stink bug Armyworm	1.0	In a Preventive Program, apply when the crop is in the early stages of growth. For Clean up of Existing Populations, apply when the crop is in the late stages of growth.
Corn	Aphid Planthopper Leafhopper Moth Thrips Stink bug Armyworm	1.0	Apply in the early morning or late afternoon. Do not apply when the temperature is above 85°F. Do not apply when the wind is blowing from the direction of the crop. Do not apply when the crop is under stress.

115 536

# Monitor<sup>®</sup> 4

icide.

Precautionary statements.  
Hazards to humans and domestic animals.

**DANGER**  **POISON**

Keep out of reach of children.  
Do not inhale. Do not get on skin.  
Do not take internally.

#### ANTIDOTE

#### HANDLING OF CONTAMINATED ARTICLES

#### Statement of practical treatment.

If swallowed vomiting should be induced.

If inhaled

If on skin

If in eyes

#### Environmental Hazards.

#### Storage and Disposal.

PESTICIDE DISPOSAL

CONTAINER DISPOSAL

536

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

May be fatal if swallowed. May be absorbed through skin. Do not breathe spray mist. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling. Avoid contamination of food and feed. Keep out of reach of domestic animals. Do not use on humans, household pets, or livestock. Do not permit children or pets to go onto the sprayed grass until spray has completely dried.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish, birds, and other wildlife. Birds and other wildlife in treated areas may be killed. Keep out of lakes, streams, or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on the treated area. Do not apply when bees are actively visiting the crop. Cover crop, or weeds blooming in the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

**PHYSICAL OR CHEMICAL HAZARDS**

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

**STORAGE AND DISPOSAL**

**Prohibitions:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

**Pesticide Disposal:** Pesticide, spray mixture or rinse that cannot be used according to label instructions, must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

**Container Disposal:** Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by other approved State and local procedures.

**General:** Consult Federal, State or local disposal authorities for approved alternative procedures.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. 57% Malathion Concentrate must be mixed with water or edible grades of mineral or vegetable oils to make a finished spray to be applied directly to bulk grain as a protectant to control the exposed stages of rice weevil, granary weevil, saw-toothed grain beetle, flat grain beetle, red flour beetle, confused flour beetle, rusty grain beetle, lesser grain borer, Indian meal moth, Angoumois grain beetle and khapra beetle in wheat, barley, oats, rice, rye, corn and sorghum. Malathion may be used under the requirements of the khapra beetle quarantine where water or diesel oil emulsion are used as prescribed by the current quarantine instructions.



**MALATHION  
57-WE**

**ACTIVE INGREDIENTS:**

Malathion\* ..... 57.0%  
Xylene ..... 34.0%

**INERT INGREDIENTS ..... 9.0%**

\*O,O-dimethyl dithiophosphate of diethyl mercaptosuccinate

**CONTAINS: 5 lbs. Premium Grade Malathion per Gallon.**

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**

**If swallowed** — Call a physician immediately. Gastric lavage is indicated if material was taken internally. DO NOT INDUCE vomiting unless other treatment is not available. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, give victim one or two glasses of water and insert finger in back of throat. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

**If inhaled** — Remove victim to fresh air. Apply respiration if indicated.

**If on skin** — Wash immediately with soap and water.

**If in eyes** — Flush eyes for at least 15 minutes with water. Call a physician immediately.

**If poisoning occurs, get prompt medical aid. Atropine is antidotal.**

See side panels for additional precautionary statements.

**GRAIN PROTECTANT:** For each 1,000 bushels of grain to be put into storage mix 1 pint of this concentrate with 7 gallons of water and spray the emulsion onto the grain as it is put into storage. Spray as many kernels as possible. Good coverage is necessary for good protection.

**DIRECTIONS**

**TOP DRESSING FOR GRAIN IN STORAGE:** For each 1,000 square feet of grain surface on the top of grain bins mix 1/2 pint of this concentrate with 6 quarts of water and spray the surface. Where infestation has already taken place, rake the surface to a depth of about 4 inches after spraying and respray the new surface with the same strength mixture.

**CLEAN UP SPRAY FOR GRAIN FACILITIES**

First clean up the storage bins, elevators, elevator boots, handling equipment and all other grain facilities to be sprayed. Remove all old grain, dirt and debris. Best results are obtained when the emulsion is used on clean surfaces. Mix 1 quart of this concentrate with 25 gallons of water and spray the surfaces until they are wet.

**DIRECTIONS**

Unless otherwise indicated, dosages are given in pints of Malathion 57% in sufficient water to cover one acre. Thorough, full coverage applications should be made. Begin applications when insects first appear and repeat as necessary.

**ALFALFA, CLOVER:** Alfalfa Weevil Larve, Aphids, Armyworms, Grasshoppers, Lygus Bugs, Potato Leafhopper, Spider Mites, Spittlebugs — 1 1/2 to 2 pts. Use higher rate for Armyworm control. Do not apply during bloom or within 7 days of harvest.

**CORN:** Aphids, Corn Rootworm Adults, Sap Beetles, Thrips — 1 1/2 pints. Injury may occur in the whorl and silk stage. Do not apply within 5 days of harvest of forage.

**SMALL GRAINS (Barley, Oats, Rye, Wheat):** Armyworms, English Grain Aphids, Grasshoppers, Greenbugs — 1 1/2 pts. to 2 pts. Use higher rate for Armyworm control. Make thorough, full coverage application to hatching areas when nymphs are young. Do not apply within 7 days of harvest.

**PASTURE AND RANGE LAND:** Aphids, Grasshoppers, Leafhoppers — Use 1 1/2 pts. to 2 pts. per acre in sufficient water for good coverage. Or use 1 1/2 pts. in 1 gallon diesel fuel oil per acre by means of an airplane or a turbine blower type sprayer. Do not apply within 5 days of cutting or pasturing.

**WASTELANDS, ROADSIDES, SOIL BANK LANDS (Not Grazed):** Grasshoppers — Use 1 1/2 pts. to 3 pts. per acre in water for good coverage or in 1 gallon diesel fuel oil per acre by means of an airplane or a turbine blower type sprayer.

EPA Reg No 3624 30

EPA Est 3624 No 1

MANUFACTURED BY

**NOVA PRODUCTS, INC.**

800 HICKORY • KANSAS CITY, MISSOURI 64101

NET CONTENTS \_\_\_\_\_ GALLONS



# MALATHION 57-WE

**ACTIVE INGREDIENTS:**

Malathion*	57.0%
Xylene	34.0%
<b>INERT INGREDIENTS</b>	<b>9.0%</b>

\*O,O-dimethyl dithiophosphate of diethyl mercaptosuccinate

**CONTAINS: 5 lbs. Premium Grade Malathion per Gallon.**

## KEEP OUT OF REACH OF CHILDREN CAUTION

### STATEMENT OF PRACTICAL TREATMENT

- If swallowed** — Call a physician immediately. Gastric lavage is indicated if material was taken internally. **DO NOT INDUCE** vomiting unless other treatment is not available. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, give victim one or two glasses of water and insert finger in back of throat. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.
- If inhaled** — Remove victim to fresh air. Apply respiration if indicated.
- If on skin** — Wash immediately with soap and water.
- If in eyes** — Flush eyes for at least 15 minutes with water. Call physician immediately.
- If poisoning occurs**, get prompt medical aid. Atropine is antidotal.

See side panels for additional precautions and directions.

MANUFACTURED BY

**NOVA PRODUCTS, INC.**

800 HICKORY • KANSAS CITY, MISSOURI 64101

...the use of this product is limited to the control of insects and mites on agricultural crops and in the home and around buildings. It is not to be used on animals or in the control of insects on animals.

### DIRECTIONS

**TOP DRESSING FOR GRAIN IN STORAGE**  
For each 1,000 square feet of grain surface on the top of grain bins mix 1 pint of this concentrate with 6 quarts of water and spray the surface. Where infestation has already taken place, rake the surface to a depth of 4 inches, after spraying, and respray the new surface with the same strength mixture.

**CLEAN UP SPRAY FOR GRAIN FACILITIES**  
First clean up the storage bins, elevators, elevator boots, handling equipment and all other grain facilities to be sprayed. Remove all old grain, dirt and debris. Best results are obtained when the emulsion is used on clean surfaces. Mix 1 quart of this concentrate with 25 gallons of water and spray the surfaces until they are wet.

### DIRECTIONS

Unless otherwise indicated, dosages are given in pints of Malathion 57% in sufficient water to cover one acre. Thorough, full coverage applications should be made. Begin applications when insects first appear and repeat as necessary.

**ALFALFA, CLOVER** Alfalfa Weevil Larve, Aphids, Armyworms, Grasshoppers, Lygus Bugs, Potato Leafhopper, Spider Mites, Spittlebugs — 1½ to 2 pts. Use higher rate for Armyworm control. Do not apply during bloom or within 7 days of harvest.

**CORN** Aphids, Corn Rootworm Adults, Sap Beetles, Thrips — 1½ pints. Injury may occur in the whorl and silk stage. Do not apply within 5 days of harvest of forage.

**SMALL GRAINS (Barley, Oats, Rye, Wheat)** Armyworms, English Grain Aphids, Grasshoppers, Greenbugs — 1½ pts. to 2 pts. Use higher rate for Armyworm control. Make thorough, full coverage application to hatching areas when nymphs are young. Do not apply within 7 days of harvest.

**PASTURE AND RANGE LAND** Aphids, Grasshoppers, Leafhoppers — Use 1½ pts. to 2 pts. per acre in sufficient water for good coverage. Use 1 pt. in 1 gallon diesel fuel oil per acre by means of an airplane or a turbine blower type sprayer. Do not apply within 5 days of cutting or pasturing.

**WATERWAYS, ROADSIDES, SOIL BANK BANKS (Not Grazed)** Grasshoppers — Use 1½ pts. to 3 pts. per acre in water for good coverage. Use 1 gallon diesel fuel oil per acre by means of an airplane or a turbine blower type sprayer.

**MUNICIPAL CONTROL OF HOUSEFLIES AND MOSQUITOES**  
Mix 1 gallon Malathion 57-WE with 40 gallons of water. With this solution treat insect breeding areas such as garbage heaps, city dumps, sewage disposal areas and livestock pens. Also recommended for alleyways around yards and houses and around buildings which house domestic animals.

**MOSQUITO CONTROL** For the control of mosquito larvae in standing water use a dilute solution of 1 pint of Malathion 57-WE per acre. Mix in sufficient water to be applied by air or ground equipment.

Use solutions for the control of mosquitoes, flies or small flying insects dilute 1 part Malathion concentrate to 20 parts of water, fuel oil or diesel oil and apply as a spray.

**HOUSEHOLD PESTS** 57% Malathion Concentrate mixed in water at the rate of 6½ ounces of concentrate in 1 gallon of water may be used as an aid in the control of roaches, ants, clover mites, earwigs, carpet beetles, saw toothed grain beetle, rice weevil, flour beetles, cigarette beetle, drug store beetle, Indian meal moth, spiders and silverfish in and around non food areas of homes, dairy and food processing plants and in barns and trailers. The same mixture may be used outdoors as an aid in reducing annoyance from flies, wasps, June bugs and small flying moths. Paint or spray the outside surfaces of screens, doors and window frames. Areas around lights, porches or vestibules should also be sprayed. Repeat treatment as often as needed to maintain residual action.

**ORNAMENTALS** For the control of aphids, mealybugs, spider mites, whitely, four lined leaf bug, Japanese beetle adults, potato leafhopper, tarnished plant bug, bag worms, tent caterpillar, azalea scale and thrips, on arborvitae, juniper, red cedar, holly, azalea, euonymus, pyracantha and yew, use 1/3 ounce 57% Malathion concentrate in 1 gallon water and spray, making thorough, full coverage application. Repeat as necessary.

**FOOD HANDLING ESTABLISHMENTS**—Places other than private residences in which exposed food is held, processed, prepared or served.

**FOOD AREAS—APPLICATION OF MALATHION IS LIMITED TO CRACK AND CREVICE TREATMENT ONLY.** Includes areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage, and enclosed processing systems (milk, flaves, edible oils, syrups). Serving areas (where food is exposed and facility is in operation also would be considered a food area). Apply a solution of 6½ ozs. of concentrate in one gallon of water in small amounts directly into cracks and crevices using equipment capable of delivering a pin stream of insecticide in points between different elements of construction, between equipment and floors, openings leading to voids and hollow spaces in walls, equipment, legs and bases. Aids in the control of pantry pests (exposed stages of saw toothed grain beetle, flour beetles, rice weevil, cigarette beetle, drug store beetle, and Indian meal moth) and roaches, silverfish, ants or spiders which are likely to be found hiding in these areas. Do not use this product in conduits, motor housings and electrical switch boxes. Care should be taken to avoid depositing the product onto exposed surfaces or introducing the material into the air. Avoid contamination of food or food processing surfaces.

**NON FOOD AREAS** Includes garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling). Apply a solution of 6½ ozs. of concentrate in one gallon of water as a spot treatment to baseboard areas around water pipes, surfaces behind and beneath sinks, lockers, tables, patios and similar areas where insects hide or through which they may enter.

**FLY CONTROL** For the control of flies in and around non food areas of buildings which house domestic animals, around yards and around homes, apply a spray containing 1 pint in 6 gallons of water. Apply this solution at the rate of 1 gallon to 1,000 square feet on painted surfaces or 2 gallons per 1,000 square feet on unpainted surfaces where flies alight or congregate (walls, ceilings, stanchions, window in dairy barns, fences around garbage cans, etc.). Repeat applications as necessary.

**NOTE: DO NOT** use where milk is stored or processed. Do not apply to lactating dairy animals under 1 month of age. When applying sprays, avoid contamination of feed, food containers and watering troughs.

For a bait spray mix 1 pint with 1 pint unsulfurized molasses or corn syrup or 1 lb. sugar per 5 gallons of water. Repeat applications as necessary.

NET CONTENTS \_\_\_\_\_ GALLONS

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18  
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Nova Products, Inc.  
800 Hickory  
Kansas City, MO 64101

Gentlemen:

Subject: Nova Malathion 57-WL  
EPA Registration No. 3624-30  
Your Application Received January 6, 1983

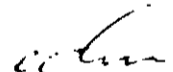
The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable, provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
  - a. Under grain protection specify "mix 1 pint...of water or oil."
3. Submit five (5) copies of your final printed labeling 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 bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,



William D. Miller  
Product Manager (16)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767)

Enclosure

RD:MILLER:DCR-30788:WANG-2023C:pjb:Raven:479-2013:1/11/83