

NIRAH 44 LABEL REVISIONS
(Reference to File No. 524-L)

1. Cotton - For control of fleahoppers, Lygus and other mirids and thrips, use $\frac{1}{4}$ to $\frac{1}{2}$ pint per acre. For cotton leafworms, use $\frac{1}{4}$ to $\frac{3}{4}$ pint per acre. For fall armyworms and grasshoppers, use $\frac{1}{2}$ pint per acre. For spider mites (does not control all species), use $\frac{1}{2}$ to $\frac{3}{4}$ pint per acre. For aphids, boll weevils and garden webworms, use $\frac{1}{2}$ to 1 pint per acre. For false chinch bugs, use 1 pint per acre. For cabbage loopers and cutworms, use 1 to 2 pints per acre. For armyworms up to third instar, bollworms, cotton leaf perforators, salt-marsh caterpillars and stink bugs, use 1 quart per acre. Applications should be made at 4 to 5 day intervals until control is obtained. At above dosages, application may be made up to the day before harvest.
2. Soybeans - For control of cutworms and three-cornered alfalfa hoppers, use $\frac{1}{2}$ pint per acre. For control of garden webworms, use $\frac{1}{2}$ to 1 pint per acre. For control of aphids, blister beetles, Mexican bean beetles, stink bugs, two-spotted mites and velvet bean caterpillars, use 1 pint per acre. For bollworms, cabbage loopers, fall armyworms and green cloverworms, use 1 quart per acre. Do not apply closer than 21 days before harvest. Do not feed treated plants or ensilage from treated plants to poultry, dairy animals or animals being finished for slaughter. Do not feed soybean mill trash to livestock or poultry.

NIRAN® 44

INSECTICIDE

Emulsifiable concentrate for controlling certain insects on the listed field and forage crops.

Use only according to label instructions.

READ "WARNING NOTICE" BEFORE BUYING OR USING.

IF NOTICE TERMS ARE NOT ACCEPTABLE RETURN AT ONCE UNOPENED.

Keep out of reach of children.

DANGER! POISONOUS BY SKIN CONTACT, INHALATION, OR SWALLOWING.

RAPIDLY ABSORBED THROUGH SKIN.

REPEATED EXPOSURE MAY, WITHOUT SYMPTOMS, BE INCREASINGLY HAZARDOUS.

Do not get on skin, in eyes, on clothing.

Do not breathe dust, vapor, or spray mist.

Do not store near food or feed products.

Do not use or store near heat or open flame.

In case of fire, use water spray, foam, dry chemical or CO₂.

Keep out of reach of children.

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DO NOT GET ON SKIN, IN EYES, ON CLOTHING:
Wear heavy natural rubber gloves and goggles. Wear clean waterproof or freshly-laundered protective clothing (coveralls, rubber boots, cap, etc.). Destroy and replace gloves frequently.

Wash thoroughly with soap and warm water before eating or smoking.

 **POISON** 

ATROPINE IS AN ANTIDOTE
CONSULT PHYSICIAN FOR
EMERGENCY SUPPLY.

FIRST AID

CALL A PHYSICIAN AT ONCE IN ALL CASES OF
SUSPECTED METHYL PARATHION POISONING.

If symptoms or signs of poisoning include blurred vision, abdominal cramps, and tightness in the chest, do not wait for a doctor but give two atropine tablets (each 1/100 grain or 0.65 milligrams) at once to children under five years of age.)

Move patient immediately from the area if methyl parathion is present.

Remove contaminated clothing and wash thoroughly clean with plenty of soap and water to remove traces of methyl parathion. If swallowed, induce vomiting by giving salty or soapy warm water. Victim lie down and keep quiet.

NEVER GIVE ANYTHING BY MOUTH TO

INCREASINGLY HAZARDOUS.

- Do not get on skin, in eyes, on clothing.
- Do not breathe dust, vapor, or spray mist.
- Do not store near food or feed products.
- Do not use or store near heat or open flame.
- In case of fire, use water spray, foam, dry chemical or CO₂.



See antidote statement and other required warning statements on side and back panels.

ACTIVE INGREDIENTS:

*O,O-dimethyl O-p-nitrophenyl phosphorothioate	37.1%
*Toxaphene	37.1%
Aromatic petroleum derivative solvent	20.3%
	5.5%

INERT INGREDIENTS:

100.0%

*Equivalent to 4.0 lbs. of 100% methyl parathion and 4.0 lbs. of toxaphene per gallon.

NET CONTENTS 5 U.S. GALLONS

Wear heavy natural rubber gloves and goggles. Wear clean waterproof or freshly-laundered protective clothing (coveralls, rubber boots, cap, etc.). Destroy and replace gloves frequently.

Wash thoroughly with soap and warm water before eating or smoking.

Bathe immediately after work and change all clothing. Wash clothing thoroughly with soap and hot water before re-use.

In case of contact, immediately remove contaminated clothing and wash skin thoroughly with soap and water; for eyes, flush with water for 15 minutes.

DO NOT BREATHE DUST, VAPOR, OR SPRAY MIST: Wear a mask or respirator of a type passed by the U.S. Department of Agriculture for METHYL PARATHION protection. Airplane pilots should wear full-face canister-type mask.

If handled indoors, provide mechanical exhaust ventilation.

Do not apply or allow drift to areas occupied by unprotected humans or beneficial animals.

DO NOT STORE NEAR FOOD OR FEED PRODUCTS: Keep out of reach of children and domestic animals.

Bury spillage; clean up area with strong lye solution.

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Remove contaminated clothing and clean with plenty of soap and water. Remove traces of methyl parathion. If vomiting by giving salty or soapy water. If victim lie down and keep quiet.

NEVER GIVE ANYTHING BY UNCONSCIOUS PERSON.

PHYSICIANS NOTE: This product is a cholinesterase inhibitor. Warning symptoms include headache, tightness in the chest, non-reactive pin-point pupils, salivation, nausea, vomiting, diarrhea, and ataxia.

TREATMENT: Large doses of atropine. For adults, give 2.0 mg. to 4.0 mg. preferably by intravenous injection, at intervals of every 10 to 15 minutes until pupils dilate. Give 1.0 mg. to 2.0 mg. of atropine, if 2-PAM Chloride (pralidoxime) is available, administer according to directions. Never give morphine. Postural drainage. Artificial respiration may be necessary. Administer continuously 48 hours. Repeated administration of cholinesterase inhibitors may cause prolonged susceptibility to the effects of any cholinesterase inhibitor. Do not give until time for cholinesterase activity has been allowed as determined by laboratory tests.

WARN

Be sure to read and understand the warning statement before using.

Do not use in any manner

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WARNING NOTICE

Monsanto Company warrants that this material con-
forms to the chemical description on the label and
is reasonably fit for the purposes referred to in the
directions for use. This product is sold subject to
the understanding that the buyer assumes all risks
of use or handling which may result in loss or dam-
age which are beyond the control of the seller, such
as for example incompatibility with other products,
the manner of its use or application, or the presence
of other products or materials in or on the soil or
crop. MONSANTO MAKES NO OTHER EXPRESS OR
IMPLIED WARRANTY OF FITNESS OR MERCHANT-
ABILITY. The exclusive remedy of the user or buyer,
and the limit of the liability of Monsanto Company
or any other seller for any and all losses, injuries or
damages resulting from the use or handling of this
product shall be the purchase price paid by the user
or buyer for the quantity of this product involved.
The buyer and all users are deemed to have accepted
the terms of this notice which may not be varied by
any verbal or written agreement.

TO PREVENT PERSONAL INJURY AND POSSIBLE
FATALITIES:

Keep all persons and animals out of treated areas
for 48 hours.

Vacated areas should not be re-entered until drifting
insecticide and volatile residues have dissipated.

Toxic to fish and wildlife. Birds and other wildlife
in treated area may be harmed. Do not contaminate

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LD AND FORAGE CROPS

For control of thrips, fleahoppers, Lygus mirids, use ¼ to ½ pint per acre. For worms, use ¼ to ¾ pint per acre. For armyworms and fall armyworms, use ½ pint per acre. For spider mites (does not control all species), use ¼ pint per acre. For boll weevils, aphids and webworms, use ½ to 1 pint per acre. For cutworms and false chinch bugs, use ½ pint per acre. For cabbage loopers and cutworms, use ½ pint per acre. For bollworms, salt-marsh armyworms up to third instar and stink bugs, use ½ quart per acre. Applications should be made at 5 day intervals until control is obtained. For cutworms, application may be made up to 10 days before harvest.

When necessary to enter treated cotton fields 24 hours after application, protective clothing should be worn. Do not apply within 5 days of picking cotton. Do not graze animals or animals being raised for slaughter in fields treated late in the season.

For control of cutworms and three-spined alfalfa hoppers, use ½ pint per acre. For garden webworms, use ½ to 1 pint per acre. For control of aphids, cabbage loopers, green stink bugs, velvet bean caterpillars, bean beetles, blister beetles and two-spined beetles, use 1 pint per acre. For fall armyworms, use 1½ to 2 pints per acre. For bollworms, use ½ pint per acre. Do not apply closer than 20 feet to harvest. Do not graze animals or animals being raised for slaughter in fields

clothing (coveralls, rubber boots, cap, etc.). Destroy and replace gloves frequently.

Wash thoroughly with soap and warm water before eating or smoking.

Bathe immediately after work and change all clothing. Wash clothing thoroughly with soap and hot water before re-use.

In case of contact, immediately remove contaminated clothing and wash skin thoroughly with soap and water; for eyes, flush with water for 15 minutes.

DO NOT BREATHE DUST, VAPOR, OR SPRAY MIST: Wear a mask or respirator of a type passed by the U.S. Department of Agriculture for METHYL PARATHION protection. Airplane pilots should wear full-face canister-type mask.

If handled indoors, provide mechanical exhaust ventilation.

Do not apply or allow drift to areas occupied by unprotected humans or beneficial animals.

DO NOT STORE NEAR FOOD OR FEED PRODUCTS: Keep out of reach of children and domestic animals.

Bury spillage; clean up area with strong lye solution.

DISPOSAL OF EMPTY CONTAINER—Do not re-use this container. Completely empty the contents and bury the unused chemical at least 18 inches deep

Remove contaminated clothing and wash thoroughly clean with plenty of soap and water to remove traces of methyl parathion. If swallowed, induce vomiting by giving salty or soapy warm water. Have victim lie down and keep quiet.

NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON.

PHYSICIANS NOTE: This product is a cholinesterase inhibitor. Warning symptoms include weakness, headache, tightness in the chest, blurred vision, non-reactive pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps.

TREATMENT: Large doses of atropine are required. For adults; give 2.0 mg. to 4.0 mg. of atropine, preferably by intravenous injection, at once and repeat every 10 to 15 minutes until pupils dilate. In addition to atropine, if 2-PAM Chloride (pralidoximechloride) is available, administer according to manufacturer directions. Never give morphine. Clear chest by postural drainage. Artificial respiration or oxygen administration may be necessary. Observe patient continuously 48 hours. Repeated exposure to cholinesterase inhibitors may, without warning, cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until time for cholinesterase regeneration has been allowed as determined by blood tests.

WARNING

Be sure to read and understand the precautionary statement before using.

Do not use in any manner other than recommended on this label.

Because this material is poisonous by skin contact, inhalation or swallowing it should not be used in such a manner or under weather conditions as will permit drift of the spray onto areas not intended