

RESTRICTED-USE PESTICIDE

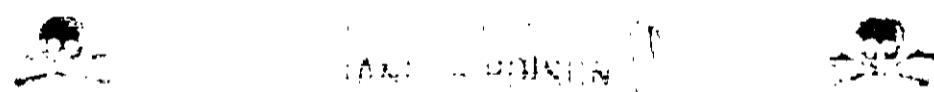
For retail sale to and use only by Certified Applicators or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

DELNAV

**EMULSIFIABLE CONCENTRATE
(CONTAINS 4 POUNDS/GALLON DELNAV)**

ACTIVE INGREDIENTS:	INGREDIENTS	Percent by Weight
Dioxathion [2,3-p-dioxanedithiol S,S-bis (O,O)-diethyl phosphorodithioate]		33.6
Related compounds		14.0
Aromatic petroleum derivative solvent		45.5
INERT INGREDIENTS:		<u>7.5</u>
	TOTAL	100.0

EPA REGISTRATION NO. 43142-9



REMOVE PATIENT FROM DELNAV EXPOSURE
 IF SWALLOWED SEE TREATMENT BY PHYSICIAN
 IF THE ANTIDOTE, ATROPINE, OR A PHYSICIAN IS NOT IMMEDIATELY AVAILABLE HAVE PATIENT DRINK ONE OR TWO GLASSES OF WATER AND INDUCE VOMITING BY TOUCHING BACK OF THROAT WITH FINGER
 NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON
 IF IN EYES WASH EYES FOR AT LEAST 15 MINUTES WHILE HOLDING THE EYELIDS OPEN CALL A PHYSICIAN IMMEDIATELY
 IF INHALED MOVE THE PERSON TO UNCONTAMINATED AREA APPLY RESPIRATION IF INDICATED
 IF SIGNS OR SYMPTOMS OF POISONING APPEAR ADMINISTER ANTIDOTE
 IF ON THE SKIN REMOVE CONTAMINATED CLOTHING AND IMMEDIATELY WASH THE SKIN WITH SOAP AND WATER
 CALL A PHYSICIAN IMMEDIATELY IN ALL CASES OF SUSPECTED POISONING

ACCEPTED
 SEP 17 1980
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, this pesticide is registered under EPA Reg. No. 43142-9

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS

BEST DOCUMENT AVAILABLE

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

DANGER

POISONOUS BY SKIN CONTACT, INHALATION, OR SWALLOWING ABSORBED THROUGH SKIN

REPEATED EXPOSURE MAY, WITHOUT SYMPTOMS, BE INCREASINGLY HAZARDOUS

DO NOT BREATHE VAPORS

Use this material with extreme care. It is a cholinesterase inhibitor. Do not get in eyes or on skin or clothing. Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR, Part 11.

Wear clean, protective clothing, heavy rubber gloves, and goggles. Remove contaminated clothing and wash skin thoroughly with soap and water. Do not eat or smoke during exposure. Wash hands and face before eating or smoking. After use, bathe thoroughly and change to clean clothing.

Wash all contaminated clothing with soap and not water before reuse. During application, keep unprotected persons away from areas being treated or where there may be drift. Do not contaminate feed or foodstuffs.

CALL A PHYSICIAN IMMEDIATELY IN ALL CASES OF SUSPECTED POISONING

If symptoms and signs of poisoning develop—i.e., headache, nervousness, blurred vision, nausea, cramps, pain in chest, sweating, constricted pupils, tearing, salivation, cyanosis, and muscle twitching—give 2 atropine tablets (100 grain each). Have the patient lie down and keep quiet.

TREATMENT BY PHYSICIAN

If swallowed, use gastric lavage. Avoid aspiration. Give 2 to 4 milligrams (1/30 to 1/15 grain) atropine sulfate intravenously. Repeat at 5 to 10-minute intervals until signs of atropinization appear (dry, flushed skin and tachycardia). If excessive secretions occur, keep patient fully atropinized by giving atropine every hour up to 25 to 50 milligrams in one day. If patient fails to respond satisfactorily to atropine, give 1 gram to 2-PAM intravenously.

Artificial respiration and oxygen administration may be necessary. Decontaminate skin, stomach and eyes as indicated. A mild degree of atropinization should be maintained for 24-48 hours, and the patient should be observed continuously for 48 hours and treated symptomatically. Respiratory irritation caused by inhaling the formulation should be treated symptomatically.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, shrimp, crab, birds, and other wildlife. Keep out of lakes, streams, ponds, tidal marshes, and estuaries.

Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. 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.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, or store near heat or open flame. In case of spillage, cover with an absorbent such as soda ash, lime, clay, or sawdust. Sweep up and bury. Wash area thoroughly with strong lye solution.

BE CAREFUL AND

WARN THE USER TO BE CAREFUL

NOTICE TO DRUM HANDLERS: IN CASE OF FIRE, LEAKY OR DAMAGED DRUMS, OR OTHER EMERGENCY, REPORT AT ONCE BY TOLL-FREE TELEPHONE TO 800-424-9300.

NONWARRANTY

Boots Hercules Agrochemicals Co. warrants that this product conforms to the chemical description on its label. When used in accordance with label directions under normal conditions, this product is reasonably fit for its intended purpose. Since the method of application, weather, type of plant, soil conditions, mixture with other chemicals, and other factors affecting the use of this product are beyond our control, no warranty is given concerning the use of this product contrary to label directions or under conditions which are abnormal or not reasonably foreseeable. The user assumes all risks of an, such use.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Not for use or storage in or around the home environment.

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

Triple-rinse container and offer for recycling, reconditioning, or disposal in approved landfill, or bury in a safe place.

Pesticide, spray mixture, or unsate that cannot be used or chemically processed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

Consult Federal, state, or local disposal authorities for approved alternative procedures.

CAUTION

DO NOT graze or feed cover crops grown in fruit or nut orchards.

PEACHES, CHERRIES, PRUNES, PLUMS, AND APRICOTS: For control of mites, use 1/2 to 1 pint of Delnav Emulsifiable Concentrate in 100 gallons of water. Do not apply after fruit begins to form or before harvest in order to avoid possible residues on the fruit at harvest.

APPLES, PEARS, AND QUINCES: For control of mites, use 1/2 to 1 pint of Delnav Emulsifiable Concentrate in 100 gallons of water. For control of codling moth, apply in cover sprays at the rate of 1 pint of Delnav Emulsifiable Concentrate per 100 gallons of water. For control of apple maggot, use 1/2 to 1 pint of Delnav Emulsifiable Concentrate per 100 gallons of water. Do not make more than 7 applications after fruit is on tree. Do not apply within one week of harvest. Do not feed pomace from treated apples to meat or dairy animals.

CITRUS (including orange, grapefruit, lemon, lime, tangelo, and tangerine) For control of citrus thrips, citrus red mite, six-spotted mite, Yuma mite, rust mite, and Texas citrus mite, use 5 to 10 pints of Delnav Emulsifiable Concentrate per acre in sufficient water to provide adequate coverage with the equipment used. One application will usually bring mite infestations under control. Do not make applications to oranges, grapefruit, tangelos, and tangerines within 3 months of each other if fruits were present on the tree at the time of the previous application. Do not apply more than twice a year to lemons and limes. Do not make a second application to lemons and limes within 4 months of the first application.

GRAPES: For control of mites and grape leafhoppers on grapes, use Delnav Emulsifiable Concentrate at one of the following rates:

One-Half to Three-Quarter-Pound Rate: Use 1/2 to 3/4 lb. (1 to 1 1/2 pints) Delnav Emulsifiable Concentrate per acre in sufficient water to assure coverage of all parts of the vine. Applications may be made at any time up to 2 weeks before harvest. Do not apply more than two times after berries begin to form.

One-Pound Rate: Use 1 lb. (1 qt.) 47% Delnav Emulsifiable Concentrate per acre in sufficient water to assure coverage of all parts of the vine. Do not make more than 1 application at this rate after berries begin to form. Do not apply less than 30 days before harvest.

ORNAMENTALS: For control of two-spotted mite, European red mite, clover mite, and spruce spider mite on dahlias, roses, hillbush juniper, Chinese evergreen, philodendrons, peperomia, dichondras, aralia, podocarpus, ferns, staghorn ferns, gladiolus, chrysanthemums, carnations, crotons, seersucker plants, African violets, apiscia, anthurium, and orchids, use 1 pint of Delnav Emulsifiable Concentrate per 100 gallons of water. A second application may be made 1 week later if necessary.

DO NOT pick, transplant, or otherwise handle plants for 24 hours following treatment.

WALNUTS: For control of mites on walnuts, use 1 pint to 1 quart of Delnav Emulsifiable Concentrate in 100 gallons of water. Apply at the rate of 400 to 800 gallons per acre to assure thorough coverage of all foliage. Do not apply more than 1 gallon per acre per application. Treat when damaging numbers of mites are found. Do not spray after husks begin to open to avoid possible residues on the nuts at harvest.

ACCEPTED

SEP 17 1980

U.S. DEPARTMENT OF AGRICULTURE
EPA Reg. No. 4314

