

DIRECTIONS FOR USE

IMPORTANT: Read entire label. Use strictly in accordance with product instructions and applicable state and federal regulations. Keep pesticide in original container. Do not put in concentrate or dilute into food or drink containers. Store in a dry place. Do not store diluted spray. Make new dilution for each use. Wash equipment thoroughly after use.

USE DESIGNATED AMOUNT OF PRODUCT IN THE FOLLOWING GALLONS WATER PER ACRE UNLESS OTHERWISE NOTED.

GROUND APPLICATION Vegetable and Field Crops - 30 to 250 gallons. Cotton - 3 to 20 gallons. Deciduous Fruit Crops - 40 to 80 gallons. Citrus - 400 to 3,000 gallons. (On Young Fruit Plantings - Use a minimum of 15 gallons water per acre)

Where Recommended for AIR APPLICATION - Field Crops - 3 to 10 gallons. Begin application at first sign of insects. Repeat as necessary. Do not apply within 4 days of harvest unless otherwise noted. Do not use with highly alkaline materials such as lime or bordeaux.

MIXING DIRECTIONS: Add to spray tank when engine is full with agitator running and maintain agitation until spraying is completed.

ALFALFA: Grasshoppers - 1/2 pint per acre when crop is not more than 10" high. Aphids, Loopers, Leafhoppers, Lygus Bugs, Alfalfa Webworms, Armyworms - 1 pint per acre. ALFALFA (Seed) Lygus, Mite Suppression - 2 applications at 7-day intervals. Thrips - 1/2 pint per acre. Combine with recommended chemicals for residual control. **By Air** - Use at least 10 gallons water per acre.

BEANS (Dry or Field), SOYBEANS, LIMA BEANS AND PEAS (In Processing): Alfalfa Loopers, Aphids, Spider Mites, Lygus, Leaf Miners; **GREEN BEANS:** Aphids, Spider Mites, Loopers, Nitidulids, Leafhoppers - 1/2 pint per acre in water to cover. 100 gallons per acre is preferable. Large Loopers, Stink Bugs - 1/2 pints per acre in water to cover.

BROCCOLI, CABBAGE, CAULIFLOWER, BRUSSELS SPROUTS, KALE, COLLARDS: Imported Cabbage-worms, Diamond-Back Caterpillars, Aphids - 1 pint per acre. Loopers - 1/2 pint per acre. May be used 1 day before harvest except for final application and repeat within 4 days of harvest.

CELERY: Aphids, Loopers, Armyworms, Salt Marsh Caterpillars, Leaf Miners - Use ground application only with minimum spray 1 pint in 100 gallons water per acre on plants less than 12" tall. On larger plants use 1/2 pints in 100 gallons water per acre.

COTTON: Lygus - 1/2 pint per acre by ground and Leaf Perforators, Fleahoppers, Armyworms, Bollworms, Loopers, and for Suppression of Mites - 1/2 pint per acre by ground. Apply at 7 to 10 day intervals at 7 day intervals. **FOR HEAVY POPULATION OF LISTED INSECTS** - Use 1 pint per

per acre by air or ground in control programs with other insecticides registered for use on cotton. **CUCUMBERS, SUMMER SQUASH:** Cucumber Beetles, Aphids, Spider Mites, Loopers, Thrips, Armyworms - 1 pint per acre in water to cover. Pickleworms, Leaf Miners - 1/2 pints per acre in water to cover. **By Air** - Use minimum of 10 gallons water per acre. May be used up to harvest.

EGGPLANT, PEPPERS: Aphids, Spider Mites, Blister Beetles, Flea Beetles, Leaf Miners, Whiteflies - 1 pint per acre. May be used up to 1 day before harvest.

SPINACH, CHARD, TURNIP GREENS: Aphids, Loopers, Armyworms, Salt Marsh Caterpillars, Leaf Miners - Use ground application only with fine mist spray. 1 pint in 50 to 75 gallons water per acre on plants less than 12" grown. On larger plants, use 1/2 pints in 100 to 150 gallons water per acre. May be used 1 day before harvest.

MELONS (Cantaloupe, Honeydew, Muskmelon, Watermelon), PUMPKINS, WINTER SQUASH: Loopers, Armyworms, Leafhoppers, Spider Mites, Leaf Miners - 1 to 2 pints per acre (200 gallons diluted spray per acre). May be used 1 day before harvest. Do not apply when temperature is over 90°F.

ORANGES, LEMONS, GRAPEFRUIT, TANGERINES: Aphids, Soft Brown Scale Crawlers, Mites, Citrus Cutworms, Leaf Rollers (Tortrix) - 1 pint to 100 gallons water. Thrips (Bloom) - 1/2 pint per 100 gallons water. Use up to 7 days of harvest. (Calif. and Ariz. - Do not apply within 1 day of harvest.)

RICE: Grasshoppers - 1 to 1/2 pint per acre. Apply at first sign of insects. Do not make more than 3 applications. May be used 2 days before harvest.

TOBACCO: Hornworms - 1 pint to 100 gallons water, using up to 200 gallons diluted spray per acre. Flea Beetles - 1 pint per acre in water to cover. Apply at first signs of insects. Repeat as necessary.

TOMATOES (Field): Fruit Flies (Drosophila) - 1 pint in no less than 10 gallons water per acre with ground sprayer. 7 to 10 gallons by air. Make first application 5 to 7 days before first picking and continue at 5 to 7 day intervals until the day before harvest. (Field and Greenhouse): Tomato Fruit Worms, Hornworms, Leaf Miners, Flea Beetles, Mites - 1 pint in 100 gallons water. Spray plants thoroughly. **For Field** - Use up to 200 gallons diluted spray per acre. Do not apply when temperature is over 90°F. May be used 1 day before harvest.

GREENHOUSE, VAPOR TREATMENT OF ROSES, OTHER ORNAMENTAL PLANTS, TOMATOES, CUCUMBERS: Spider Mites, Adult Whiteflies, Aphids, Leafrollers, Mealybugs - 1 fluid ounce per 10 cubic feet when plants are dry. Apply in fluted or heat pipes (or in open pans on hot plates). Apply continuously or intermittently sections of pipe on each side of pan. 1 or more of the pipes through center of each range opening open with. Application to cold pipes should be followed by immediately heating pipes to 100°F. Steam heated houses should be vented for at least 1 hour after pipes are hot. With hot water systems, use heat for at least 3 hours. Houses may remain closed overnight for vapor treatment. When application is made to hot pipes, wear goggles and approved

NOV 7 1975

2342-941

ACT



BROM 8 EC

INSECTICIDE

INGREDIENTS:	BY WEIGHT
.....	58%
.....	20%
INGREDIENTS:	22%
.....	
o-2,2-dichloroethyl dimethyl phosphate	

DANGER: CAUSES EYE AND SKIN DAMAGE. MAY BE FATAL IF SWALLOWED OR ABSORBED THROUGH SKIN.

KEEP OUT OF REACH OF CHILDREN.

Get in eyes, on skin, or on clothing. Do not breathe vapor from mist. Wash thoroughly after handling. Keep closed in original container. Use with adequate ventilation. Use water-resistant gloves and face shield or goggles when handling concentrated liquid. Avoid contamination of feed and foodstuffs. Do not use in or near heat or open flame. See back panel for first aid information.

NET CONTENTS 1 GALLON
Product No. 20 725761

MANUFACTURED BY
KERR-McGEE CHEMICAL CORPORATION
OKLAHOMA CITY, OKLAHOMA

respirator. Ventilate house before workers re-enter. Wear respirator when entering treated houses to ventilate. Protect hives of bees in cucumber and other houses by covering with plastic or rubber sheet during treatment and until house is ventilated. Do not apply to tomatoes or cucumbers closer than 1 day before harvest. **Spider Mites** (Resistant and Non-resistant) — Make 3 to 4 treatments at 3 or 4-day intervals. Repeat as necessary. **Adult Whiteflies** — Make 2 applications at 7-day intervals. Repeat as necessary. **Aphids** — Apply when aphids appear. Repeat as necessary.

NOTE — Avoid overtreatment and direct application to plants as injury may result. White Butterfly and Golden Rapture Roses, Pink Champagne Chrysanthemums, Green Wandering Jew, Poinsettias and Dutchman's Pipe may be injured by Naled vapor. Do not spray on Nectarines, ornamental Cherries, Liquidambar or Chrysanthemums as injury may occur.

FRUIT FLIES (Drosophila sp.) In and around Food Processing Plants, Loading Docks, Cull Piles and Refuse Areas, Cider Mills — Use 2 ounces in 2 1/2 gallons water (5 pints to 100 gallons) as a coarse spray to walls, floors, doorways, windows, refuse and cull piles where insects congregate. Apply every 5 to 7 days as necessary. Do not apply to cull fruit or refuse piles to be fed to livestock. Avoid contamination of feeds, foodstuffs and food processing machinery. Do not apply when plants are in operation or when foods are present or exposed. Do not spray surfaces which will come into contact with foods. Cover food containers during spraying.

ADULT MOSQUITO, GNAT, STABLEFLY (Dog Flies), AND HOUSEFLY CONTROL — RESIDENTIAL AREAS, CROPS LISTED ON LABEL, TIDAL MARSHES, SWAMPS, WOODLAND, LIVESTOCK PASTURES, FEED LOTS, AND PASTURES INCLUDING DAIRY CATTLE: Consult your State Fish and Game Agency before applying this product. It is not necessary to avoid farm buildings and dairy barns. Make applications during peak of infestation and repeat as necessary. See crop recommendations for use limitations near harvest. This rate of application will kill shrimp. Do not apply to tidal or marsh waters which are important shrimp producing areas.

AIRCRAFT: East — Apply 0.8 to 1 fluid ounces per acre diluted with water. Apply 2 to 4 quarts of diluted spray per acre. **West** — Apply 1.5 to 4 fluid ounces per acre diluted with water. Apply 2 to 8 quarts of diluted spray per acre. **MIST OR COLD FOG:** Use 3 to 5 quarts per 100 gallons water. Calibrate equipment (rate of travel and output) to apply 0.1 to 0.25 pound technical Naled per acre.

CORRALS, ADJACENT PASTURES, HOLDING PENS (Dairy and Beef Cattle, Hogs, Sheep, Horses): Houseflies, Mosquitoes — Airplane Application — Use 1.5 to 4 fluid ounces per acre. Dilute 1 to 2 1/2 pints in 10 gallons water. Apply 1 gallon diluted spray per acre. Apply over areas with animals present.

EPA Reg. No. 2342-941

CLOVER MITES, R
1 fluid ounce in 3 1/2 gallons water. Apply for general pest control.

GRASSHOPPERS: R
Range Caterpillars, Grasshoppers — 1/2 ounce in 3 1/2 gallons water. Apply to ground. **By Air** — Repeat as necessary. See limitations near harvest or shipped interstate.

FIRST AID — In case of eye contact, flush with water for 15 minutes while removing contact lenses.

NOTE TO PHYSICIAN: This product is highly toxic and may be fatal if swallowed. First aid information is indicated on the label.

Fish, Wildlife, Shrimp: Do not apply to areas where fish, wildlife, or shrimp are present. Do not apply where runoff will reach water. Do not apply to areas where runoff will reach water. Do not apply to areas where runoff will reach water.

Bees — This product is highly toxic to bees. Do not apply to areas where bees are present.

Container Disposal: Do not reuse containers. Do not burn. Do not use as a receptacle for other materials. Do not use as a receptacle for other materials.

CONDITIONS OF SALE: This product is used as a fumigant. Do not use as a fumigant. Do not use as a fumigant. Do not use as a fumigant.

rator. Ventilate house before workers re-enter. Wear respirator when entering treated houses to
ate. Protect hives of bees in cucumber and other houses by covering with plastic or rubber
during treatment and until house is ventilated. Do not apply to tomatoes or cucumbers closer
1 day before harvest. **Spider Mites** (Resistant and Non-resistant) — Make 3 to 4 treatments at 3 or
7-day intervals. Repeat as necessary. **Adult Whiteflies** — Make 2 applications at 7-day intervals
at as necessary. **Aphids** — Apply when aphids appear. Repeat as necessary.

— Avoid overtreatment and direct application to plants as injury may result. White Butterfly
Golden Rapture Roses, Pink Champagne Chrysanthemums, Green Wandering Jew, Poinsettias,
Dutchman's Pipe may be injured by Naled vapor. Do not spray on Nectarines, ornamental
ies, Liquidambar or Chrysanthemums as injury may occur.

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7 to walls, floors, doorways, windows, refuse and cull piles where insects congregate. Apply every
7 days as necessary. Do not apply to cull fruit or refuse piles to be fed to livestock. Avoid
amination of feeds, foodstuffs and food processing machinery. Do not apply when plants are in
ation or when foods are present or exposed. Do not spray surfaces which will come into contact
foods. Cover food containers during spraying.

**LT MOSQUITO; GNAT, STABLEFLY (Dog Flies), AND HOUSEFLY CONTROL — RESIDENTIAL
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LOTS, AND PASTURES INCLUDING DAIRY CATTLE:** Consult your State Fish and Game Agency
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itions near harvest. This rate of application will kill shrimp. Do not apply to tidal or marsh
rs which are important shrimp producing areas.

RAFT: East — Apply 0.8 to 4 fluid ounces per acre diluted with water. Apply 2 to 8 quarts of
ed spray per acre. **West** — Apply 1.6 to 4 fluid ounces per acre diluted with water. Apply 2 to
arts of diluted spray per acre. **MIST OR COLD FOG:** Use 3 to 5 quarts per 100 gallons water.
rate equipment (rate of travel and output) to apply 0.1 to 0.25 pound technical Naled per acre.

**ALS, ADJACENT PASTURES, HOLDING PENS (Dairy and Beef Cattle, Hogs, Sheep, Horses):
effies, Mosquitoes - Airplane Application** — Use 1.6 to 4 fluid ounces per acre. Dilute 1 to 2½
in 10 gallons water. Apply 1 gallon diluted spray per acre. Apply over areas with animals present.

CLOVER MITES, ROACHES, EARWIGS AND LEAFHOPPERS Outside Dwellings and in Lawns: Use
1 fluid ounce in 3 gallons water. Apply to turf and to soil surfaces around flowers, shrubs and trees
for general pest cleanup.

**GRASSHOPPERS: Rangeland Field Areas (crops listed on label) and Pastures including dairy pastures;
Range Caterpillars and Rangeland and Pastures** — ½ to ¾ pint per acre by air or ground. **Young
Grasshoppers** — ½ pint per acre by air or ground. **Armyworms (Except rice)** — 1 pint per acre by air
or ground. **By Air** — Use in 1 to 5 gallons water per acre. Apply when hoppers hatch is completed.
Repeat as necessary. Animals may be present during treatment. See crop recommendations for use
limitations near harvest. Forage plants on pastures or field areas should not be cut for hay to be sold
or shipped interstate within 4 days of application.

FIRST AID — In case of contact, immediately flush eyes or skin with plenty of water for at least 15
minutes while removing contaminated clothing and shoes. Call a physician. Wash clothing before reuse.

NOTE TO PHYSICIAN — Naled is a cholinesterase inhibitor. Atropine is antidotal. 2-PAM is also anti-
dotal and may be used in conjunction with atropine. Mucosal damage may occur, and if gastric
lavage is indicated it should be performed cautiously.

ENVIRONMENTAL PRECAUTIONS

Fish, Wildlife, Shrimp, Crabs — This product is toxic to fish, birds, and other wildlife. Birds feeding
on treated areas may be killed. Keep out of lakes, streams, or ponds. Shrimp and crab may be killed
at application rate 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.

Bees — This product is highly toxic to bees exposed to direct treatment or residues on crops. Protec-
tive information may be obtained from your Cooperative Agricultural Extension Service.

Container Disposal — Do not reuse the container. Completely empty the contents, break the container
into small pieces and bury with the unused chemical at least 18 inches deep in an isolated area away
from water supplies.

CONDITIONS OF SALE — All statements concerning the use of this product apply only when the
product is used as directed. THERE ARE NO WARRANTIES INCLUDING MERCHANTABILITY WHICH
EXTEND BEYOND THE DESCRIPTION ON THE LABEL. The manufacturer shall in no event be liable
for consequential damages. Read all directions carefully.