

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 CERTIFI-
 CATION.

PROKIL PARATHION 8 EC

Active Ingredients: Parathion 8 EC 80% (80%)
 Inert Ingredients: 20%
 Total: 100%

STOP - READ LABEL BEFORE USING!
KEEP OUT OF REACH OF CHILDREN

POISON



DANGER PELIGRO

See Side Panels for Additional Precautions NOT FOR HOME USE

STATEMENT OF PRACTICAL TREATMENT
 IF BREATHING HAS STOPPED Start artificial respiration immediately if breathing has stopped. Start artificial respiration immediately if breathing has stopped. Start artificial respiration immediately if breathing has stopped.

Net Contents 2 Gallons
Gowan Company
 AGRICULTURAL CHEMICALS

EPA Reg. No. 100-100-100-100
 EPA Reg. No. 100-100-100-100

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER - POISON

... avoid contact with skin, eyes, nose, mouth, and clothing. Wash water-proof pants and hot rubber boots with soap and water. Wash hands with soap and water. Do not eat, drink, or smoke while using this product. Wear heavy-duty rubber gloves.

WORK SAFETY RULES

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be protected by an insected person. Keep all other persons, pets, and livestock away from treated areas where there is danger of drift. Do not rub eyes or mouth with hands. If you feel sick in any way STOP work and get medical attention (see statement of Practical Treatment).

IMMEDIATE But do not, until you have washed them with soap and water. Always wash face, hands and arms with soap and water before eating, drinking, smoking, or using a telephone. Wash your face, hands, and arms with soap and water. Wash your face, hands, and arms with soap and water. Wash your face, hands, and arms with soap and water.

POISON SIGNS (Symptoms)

Another very serious danger is poison if rapidly enters the body in contact with all skin surfaces and eyes. If they get with this material must be removed immediately. Exposed persons must be kept until medical treatment or they may die.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, but does not harm wildlife. Do not apply directly to water. Ground water is not affected. Do not apply where there is a possibility of runoff. Do not apply where there is a possibility of runoff. Do not apply where there is a possibility of runoff.

PHYSICAL AND CHEMICAL HAZARDS

Do not use in storage over heat or open flame. Keep in original container. Do not use in storage over heat or open flame.

DIRECTIONS FOR USE

Take appropriate precautions to avoid contact with treated areas. Do not enter treated areas until the spray has dried.

RE-ENTRY STATEMENT

Do not enter treated areas until the spray has dried. Do not enter treated areas until the spray has dried. Do not enter treated areas until the spray has dried.

Workers in areas where this product is used should be instructed in the proper use of this product. Workers in areas where this product is used should be instructed in the proper use of this product. Workers in areas where this product is used should be instructed in the proper use of this product.

STORAGE AND DISPOSAL

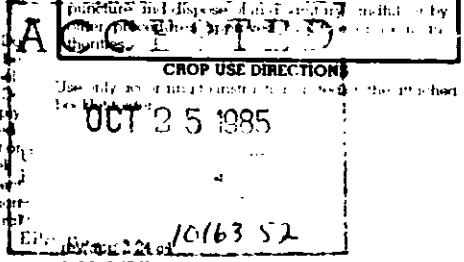
Do not use in storage over heat or open flame. Do not use in storage over heat or open flame. Do not use in storage over heat or open flame.

CONTAINER DISPOSAL

Do not use in storage over heat or open flame. Do not use in storage over heat or open flame. Do not use in storage over heat or open flame.

CROP USE DIRECTIONS

Use only as directed on the label. Do not use in storage over heat or open flame. Do not use in storage over heat or open flame.



PROKIL Parathion 8 EC

AN EMULSIFIABLE CONCENTRATE
CONTAINING 8-LBS. PARATHION
PER GALLON

Directions For Use

EPA Reg. No. 10163-52 AA
EPA Est. No. 10163-AZ-1

Gowan Company

P.O. Box 5696

Yuma, Arizona 85364

USE PRECAUTIONS

READ ALL PRECAUTIONS AND DIRECTIONS BEFORE USING. Use only for crops and claims recommended.

In order that pesticidal residues on food and forage crops will not exceed tolerances established by the Federal Food and Drug Administration, use only at recommended rates and intervals, and do not apply closer to harvest than specified. Do not apply or allow to drift to areas occupied by unprotected humans or beneficial animals or onto adjoining food, fiber, or pasture crops. **The grower is responsible** for residues on his crops as well as for damages caused by fruit from his property to that of others.

Consult state agricultural extension service or state agricultural experiment stations for additional information, as timing and number of applications needed will vary with local conditions.

Application can be made by aircraft or ground power equipment by trained personnel only using approved protective equipment. Do not apply with hand equipment.

Pour specified amount of this product into nearly filled spray tank. Add balance of water to fill tank. If mixture does not mix readily, but tends to separate as an oily layer, do not use as injury to plants may result. Do not combine with wettable powders unless previous use of the mixture has proven physically compatible and safe to plants. **Always** thoroughly emulsify this product with at least half of total water before adding wettable powder.

SUGGESTED WATER RATES FOR AIRCRAFT AND GROUND APPLICATION. (Actual rate required to provide thorough, uniform coverage varies with plant growth at time of application. Except as specified for certain uses, the following rates are therefore intended to cover a broad range of conditions.)

Crop	Gal. Water/Acre	Aircraft Ground
Vegetable & Field Crops	5-20	20-125
Orchard, Grapes	7-25	
Orchard, Crops (See exceptions below)		300-800
Citrus		500-3000
Grapes		100-200

Maximum permissible rate per acre, expressed as Prokil Parathion 8-EC, is given in parenthesis () after each crop claim.

FRUIT & NUT CROPS

(Also read Directions for Use)

Unless otherwise specified, rates are given in terms of Prokil Parathion 8-EC per 100 gals. of water for thorough coverage application. Unless otherwise specified, apply at the first sign of infestation and repeat at 7-10 day intervals as needed to maintain control, but observe use limitations given for specific crops.

APPLES—Codling moth, mealybug, orange tortrix, plum curculio, red banded leafroller (2nd and 3rd brood), scales (San Jose, Forbes, scurfy), woolly apple aphid. Use 1/4 pt. For control of Codling moth and Plum curculio, apply at petal fall and every 10 to 14 days thereafter until control is achieved. Rosy and green apple aphids, two-spotted spider mite, fruit tree leafroller, European red mite—use 1/2 pint, eyespotted bud moth, red bug and Pacific, Schoenli and Willamette mites—use 1/4 pint, red-banded leafroller (1st brood)—use 1/2 pint.

Note to User: Injury to fruit and foliage may result from use of this material on McIntosh and related varieties. Do not apply within 14 days of harvest. (1/4 gal.)

APRICOTS—Codling moth, Oriental fruit moth tortrix. Use 1/2 pt. For control of Codling moth and Oriental fruit moth tortrix, apply at petal fall and every 10 to 14 days thereafter until control is achieved. Bud moth, fruit tree leafroller, spider mites, aphids, use 1/4 pt. Do not apply until danger of bee poisoning has passed. Do not apply within 14 days of harvest. (3-3/4 pt.)

CHEERRIES—Black cherry aphid, eyespotted bud moth, lesser apple worm, mites, shot hole borer, western cherry fruit fly. Use 1/4 pt. For fruit fly control, begin applications at fly emergence and repeat at 7 to 10 day intervals. Do not apply within 14 days of harvest. (2 pt.)

CITRUS (Calif. Recommendations)—Citrus thrips. Use 1/2 pt. in 10-20 gal. water when applied by aircraft; 100-200 gal. water by ground equipment. Apply at petal fall; repeat in late summer and early fall to protect new growth and prevent fruit scarring.

CITRUS SCALES—Prokil Parathion 8-EC is recommended for control of California Citrus Scales. The product may be used in conventional high-pressure ground sprayers or boom sprayers and airblast equipment when the latter are capable of providing thorough coverage. **Black Scale**—Use 1 pt. Make a full coverage spray during Aug.-Nov.

California Red and Yellow Scales—Use 1/2 pt. alone or with 1 to 1 1/4 gal. of a light or light medium oil emulsion in a full coverage spray at recommended times.

Citricola and Cottoncushion Scales—Use 1 1/2 pt. Apply 100-400 gal. spray per acre or use 1/2 pt. in a full coverage spray during Aug.-Nov.; increase dose to 1 pt. during Feb.-Mar. and to 1/2 pt. during May and June application.

Purple Scale—Use 1 pt. with 1 to 1 1/4 gal. of a light or light medium oil emulsion in a full coverage spray at recommended times. **Max. Rate/Acre and Date Limitation:** 1/2 gal. up to 14 days of harvest; 1 1/4 gal. up to 30 days of harvest.

Note to User: Do not permit workers to enter the treated area to engage in any work requiring substantial contact with treated foliage for the following periods: Up to 4 pts. per

acre per year, 21 days; 4 to 10 pts. per acre per year, 30 days; and 8 or more pts. per acre per application or more than 10 pts. per acre per year, 45 days.

GRAPES (Calif. Recommendations)—Mealybug. Use 1 pt. plus 2 gal. dormant oil emulsion. Apply during dormant period. Spray vines after pruning but before budding. Refer to Extension bulletin for complete spray program. Leaf Folder. Use 1 pt. Mites. Use 1/4 pt. Repeat applications at 5-7 day intervals. **Max. Rate/Acre and Date Limitations:** 1 1/2 pt. up to 14 days of harvest; 2 1/2 pt. if applied before fruit is the size of buckshot or after harvest. **Note to user:**—Do not permit workers to enter the treated area to engage in any work requiring substantial contact with treated foliage for 21 days.

NECTARINES, PEACHES—Catfacing Insects, Oriental Fruit Moth, Peach Twig Borer, Thrips (on Nectarines only), San Jose Scale—Use 1/2 pt. For control of Oriental Fruit Moth, apply at petal fall and every 10 to 14 days thereafter until control is achieved. Cottony peach scales, fruit tree leafroller, green peach aphid, spider mites. Use 2.5 pt. **Limitations: Areas other than Calif.:** Full coverage spray for control of scale insects. Do not apply within 14 days of harvest. Do not apply more than 2 qt. per acre per application or more than 2 1/2 qt. per acre per year. **California:** Do not apply more than 2 1/2 pt. per acre per application or more than 5 pt. per acre between Jan. 1st and harvest. Do not apply within 21 days of harvest. Do not apply more than once after bloom. **Note to User:** Do not permit workers to enter the treated area to engage in any work requiring substantial contact with treated foliage for 21 days after treatment.

PEARS—Codling moth, mealybug, pear blister mite, woolly aphid. Use 1 pt. in pre-blossom spray. Pear psylla, spider mites. Use 1 pt. Make either pre-blossom or post-blossom sprays for the pear psylla. Under some conditions injury may occur in 5 to 6 years. Do not apply within 14 days of harvest. (2 1/2 pt.)

PRUNE, PLUM—Peach twig borer. Use 1 pt. Bud moth, mealy plum aphid, tortrix moths, leafroller, leafhopper, aphids,

spider mites. Use 1/4 pt. Do not apply within 14 days of harvest. (1/2 gal.)

OLIVE—Olive Scales (parlatona, oleander, black). Use 1/4 pt. or 1/2 pt. with regular oil spray during June or July. Do not apply after Aug. 1. (2 1/2 qt.)

STRAWBERRIES—Aphids. Use 1/2-3/4 pt. Do not apply within 14 days of harvest (3/4 pt.) Post-harvest control of root weevil. Use 3/4 pt. (3/4 pt.)

WALNUTS—Aphids, red spider mites. Use 1/4 pt. Repeat at 7-10 days for red spider mite. Codling moth. Apply at petal fall and every 10 to 14 days thereafter until control is achieved. Use 1 1/2 pt. Do not apply after husks open. (2.5 qts.)

VEGETABLE, FIELD & SPECIAL USES (Also read Directions for Use)

Unless otherwise indicated, dosages are given in pints of Prokil Parathion 8-EC per acre in sufficient water to provide thorough coverage. Begin applications when insects first appear and repeat at 7-10 day intervals as needed to maintain control, but observe use limitations given for specific crops.

ALFALFA SEED CROPS—Allalfa weevil larvae. Apply when 50-75% of terminals are damaged. Repeat at 7-10 day intervals or as needed. Apply to stubble immediately after removal of crop. Aphids, armyworms, blister beetles, lygus bugs. **Areas other than Calif.** Use 1/2 pt. **California:** Use 1/2-1 pt. Stink bugs. **Areas other than Calif.:** Use 1 pt. **California:** Use 1 pt. Use in early morning or late evening to avoid injury to pollinators. Birds and other wildlife in treated areas may be harmed. Do not apply within 15 days of harvest. Do not use Parathion in field to be cut for hay. (1 pt.)

ARTICHOKE—Aphids, plume moth. Use 1 pt. Do not apply within 7 days of harvest. (1 pt.)

BEANS (Dry and Green)—Aphids, armyworms, leathopper, leafminer, leaf beetle, Mexican bean beetle, spider mites, stink bugs, whitefly. Use 1/2 pt. (1/2 pt.) 7 days of harvest. (1/2 pt.) (15 days)

BEETS—Aphids, armyworms, blister beetle, flea beetle, leathopper, leafminer, webworm. Use 1/2 pt. Do not apply within 14 days of harvest. 21 days if treated tops are to be used for food or feed. (1/2 pt.)

CABBAGE, CAULIFLOWER, BROCCOLI, BRUSSELS SPROUTS, KALE, MUSTARD, TURNIPS—Aphids, armyworms, cabbage looper, flea beetle, diamondback moth larvae, imported cabbage worm, serpentine leafminer, thrips. Use 1/2 pt.

Rate and Use Limitations. Cabbage, kale, mustard, turnips: 1/4 pt.—7 days; 1/2 pt.—10 days. Cauliflower, broccoli: 1/2 pt.—7 days. Brussels sprouts: 1/2—7 days.

CARROTS—Aphids. Use 1/2 pt. per 100 gals. Apply 200 gals. per acre. Do not use treated carrot tops for food or feed. Do not apply within 15 days of harvest. (3/4 pt.)

CELERY—Celeryworms, leathoppers, spider mites. Use 1/2-3/4 pt. Aphids, celery leafminer. Use 1/2 pt. (1/2 pt.—21 days of harvest; 3/4 pt.—30 days)

CORN—European corn borer. Consult your state agricultural experiment station for proper timing of treatments. Use 1/2 pt. Armyworms. Use 1/4 pt. Do not apply within 12 days of picking or cutting for forage. (1/2 pt.)

COTTON—Aphids, cotton leafperforator, false chinch bug, leathopper, lygus bugs, salt marsh caterpillar, spider mites, stink bugs. Apply 1/2 pt. (1 pt. for leafperforator). Do not hand pick or harvest within 7 days of application (1 pt.) Workers entering fields within 48 hrs. after application should wear protective clothing.

CUCUMBER, SQUASH, MELONS—Aphids, cucumber beetle, cutworms, darkling ground beetle, flea beetle, leathopper, leafminer, serpentine leafminer, melon worm, pickle worm, squash bug, spider mites, (pet. robita mite), thrips. Use 1/2 pt. Make no applications before plants start to vine or within 15 days of harvest in cucumber and squash. 7 days of harvest on melons.

LEGUMES (alfalfa, clover, vetch), SMALL GRAINS (barley, oats, wheat)—Allalfa weevils (non-alfalfa), aphids (including yellow-green grasshopper), armyworms, blister beetle, and grasshoppers. Apply 1/2 pt. Make no application within 15 days of cutting, or 7 days before harvesting alfalfa. **Areas other than Calif.** 1/2 pt. for alfalfa, vetch, barley, and oats. **California:** 1/2 pt. for all crops. Wheat use 1 pt.

LETTUCE, ENDIVE—Aphids, leathoppers. Use 1/2 pt. Do not apply within 7 days of

harvest on head lettuce: 21 days on endive, leaf and bibb lettuce. (1/2 pt.)

ONIONS—Thrips. Apply 1/2 pt. and repeat at weekly intervals as necessary for control. Do not apply within 15 days of harvest. (1/2 pt.)

PEAS—Aphids, armyworms, climbing cutworms, pea weevil, serpentine leafminer, thrips. Use 1/2 pt. Do not apply within 10 days of harvest, or 15 days (forage) of pre-harvest. (1/2 pt.)

PEPPERS—Aphids, pepper maggot, flea beetle, serpentine leafminer, thrips. Use 1/2 pt. Do not apply within 15 days of harvest. (1/2 pt.)

POTATOES—Aphids, Colorado potato beetle, flea beetle, leathopper, leafminer, spider mites. Use 1/2 pt. Do not apply within 5 days of harvest. (1/2 pt.)

RICE (Calif. Only)—Rice leafminer, tadpole shrimp. Use 1/2 pt. in 5-10 gal. water. Apply by aircraft at the first sign of infestation after planting. Restrict spill from rice fields for 2 days following application. Do not apply within 1 day of harvest. **Note to User:** Do not use within 14 days of application of Stam F 34 or Rogue. Injury may result. Do not spray over canals or laterals. (1/2 pt.) Shrimp, crab and crayfish may be killed at these suggested rates. Do not apply where these are important resources.

SORGHUM—False chinch bug, grasshoppers. Use 1/2-1 pt. Corn earworm, sorghum webworm. Use 1/2 pt. Sorghum midge. Use 1/2 pt. and make two applications 3-5 days apart when approximately 90% of the heads have emerged from the boot, but do not apply later than blooming. Aphids, mites. Use 1 pt. Do not apply within 12 days of harvest or cutting for forage. (1 pt.) Leaf injury may occur to some hybrid varieties.

SPINACH—Aphids, leafminer. Apply 1/2 pt. Do not apply within 14 days of harvest. (1/2 pt.)

SUGAR BEETS—Aphids, armyworms, blister beetles, flea beetle, leathopper, leafminer, mites, webworm. Use 1/2 pt. Do not apply within 15 days of harvest. (1/2 pt.)

TOMATOES—Tomato pinworm. Use 1/2 pt. Aphids, flea beetles, leathoppers, serpentine leafminer, spider mites, stink bugs. Use

1/4-1/2 pt. Do not apply within 10 days of harvest. (1 pt.)

MOSQUITO CONTROL—On rice fields, irrigated pastures. Apply 1.6 fl. oz. in 5-20 gal. of water by aircraft or in 25-100 gal. of water by ground equipment. Do not apply within 15 days of harvest or grazing. (1.6 fl. oz.) Do not apply to water drainage areas where runoff or drainage will contaminate lakes, ponds, or streams. Keep out of tidal marshes and estuaries. Shrimps, crab, and crayfish may be killed at these suggested rates. Do not apply where these are important resources.

NOTICE ON CONDITIONS OF SALE

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product beyond the control of the manufacturer, as a guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility in taking injury or damage, resulting from its misuse as such, or in combination with other materials.