

**RESTRICTED USE PESTICIDE**  
For retail sale to and use only by Certified Applicators, or persons under their direct supervisor, and only for those uses covered by the Certified Applicators certification.

**PRO-BOLL**  
**M.P.-3 E.P.N.-3**  
**EMULSIFIABLE CONCENTRATE**

**POISON SYMPTOMS**

M.P.-3 E.P.N.-3 poisoning victims must receive prompt medical treatment or they may die. Methyl Parathion & E.P.N. poisoning symptoms include weakness, headache, sweating, slow pulse and in more acute poisonings blurred vision, nausea, abdominal cramps, discomfort in chest, constriction of pupils and muscle tremors.

**FIRST AID PRACTICAL TREATMENT**

Call a physician at once in all cases of M.P.-3 E.P.N.-3 poisoning and describe the victims condition. Move victim immediately from area where M.P.-3 E.P.N.-3 is present.

**IF SWALLOWED** and victim is conscious make him vomit. Have victim drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Have victim lie down and rest quietly. **DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.**

**IF BREATHING HAS STOPPED** start artificial respiration immediately and maintain until doctor sees victim.

**IN CASE OF CONTACT** with skin wash skin with plenty of soap and water, remove all contaminated clothing immediately. For eyes, flush with water for 15 minutes and get medical attention immediately.

**ANTIDOTE:** If symptoms or signs of poisoning include blurred vision, abdominal cramps, muscle tremors, and tightness in chest and doctor is delayed, administer immediately two atropine tablets (each of 1/100 grain or 65 milligrams.) One tablet for children under five years of age.

**NOTE TO PHYSICIAN**

**ANTIDOTE:** Administer atropine sulfate in large doses two to four mg. intravenously or intramuscularly as soon as cyanosis is overcome. Repeat at 5 to 10 minute intervals until signs of atropinization appear. 2-PAM chloride is a pharmacologic antidote and may be administered as an adjunct to, but not as a substitute for, atropine which is a symptomatic and often life-saving antidote. **DO NOT GIVE MORPHINE, THEOPHYLLINE, THEOPHYLLINE ETHYLENE-DIAMINE (AMINOPHYLLINE) PHENOTHAZINES or PHENOTHIAZINE TYPE OF TRANQUILIZERS AS THESE ANTIDOTES MAY PRODUCE ADVERSE EFFECTS ACCENTUATING THE PHARMACOLOGIC EFFECT OF THIS PRODUCT.** This product is a strong cholinesterase inhibitor affecting the central and peripheral nervous systems and producing cardiac and respiratory depression. At first sign of pulmonary edema, the patient should be given supplemental oxygen and treated symptomatically. Continued absorption of the poison may occur and fatal cases have been reported after initial improvement. **VERY CLOSE SUPERVISION OF PATIENT IS INDICATED FOR AT LEAST 48 HOURS.**

**ENVIRONMENTAL HAZARD**

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

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

**PHYSICAL OR CHEMICAL HAZARD**

**COMBUSTIBLE:** Do not use, pour, spill or store near heat or flame.

**IN CASE OF:**

**FIRE,** use water spray, foam, dry chemical or CO<sub>2</sub>

**SPILL or LEAK,** keep all unprotected persons away. Cover with absorbent such as soda ash, lime, clay, or sawdust. Sweep up and bury. Wash area thoroughly with strong lye solution.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Keep out of reach of children and domestic animals. Not for use or storage in or around the home. Bury spillage: clean up area with strong lye solution.

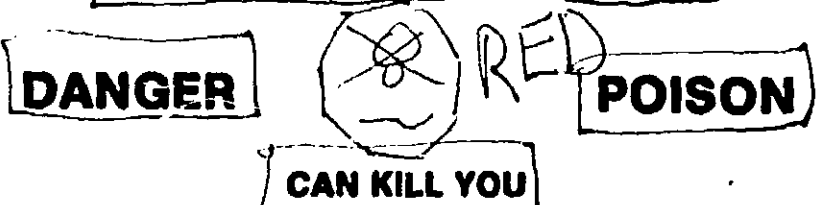
Do not re-use this container. Completely empty the contents and bury the unused chemical at least 18 inches deep in an isolated location away from water supplies. Rinse out the inside of the container with water to which has been added detergent and caustic soda. Carefully discard the rinse solution by burying at least 18 inches deep in an isolated area away from water supplies. Puncture and crush empty metal container and bury at least 18 inches deep in a supervised public or private dump.

**ACTIVE INGREDIENTS:**

*E.P.N. (O-Ethyl O [p-nitrophenyl] phenylphosphonothioate .....	31.40%
*Methyl Parathion (O, O-p-nitrophenyl phosphonothioate) .....	29.63%
(Related Compounds) .....	1.57%
Xylene Range Aromatic Solvent .....	26.74%
<b>INERT INGREDIENTS:</b> .....	11.06%
	100.00%

\*Contains 3 lbs. E.P.N. and 2.85 lbs. Methyl Parathion by Isomer Specific AOAC Methods 6.400/6.405

**STOP! READ THE LABEL**  
**KEEP OUT OF REACH OF CHILDREN**



See side panel for Statement of Practical Treatment, Precautionary Statements, Antidote and First Aid.

EPA Est. No. 12062-LA-1  
EPA Reg. No. 12062-10

**NOT FOR HOME USE**

MANUFACTURED BY:  
**PRO-BOLL CHEMICAL COMPANY, INC.**  
DUNN, LOUISIANA

**NET CONTENTS** \_\_\_\_\_  
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**DANGER**

Hazard to Humans and Domestic Animals.  
Keep out of reach of children.  
**DANGER!**  
**POISONOUS IF SWALLOWED.**  
**INHALED OR ABSORBED THROUGH SKIN.**  
**RAPIDLY ABSORBED THROUGH SKIN.**  
**REPEATED EXPOSURE MAY, WITHOUT SYMPTOMS, BE INCREASINGLY HAZARDOUS.**  
Do not breathe vapors or spray mist. Do not get in eyes, on skin, or on clothing.



12062-10

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in any manner inconsistent with its labeling. Where a dosage range is given, use the lower rate on small, young plants or where insect infestation is light. Consult the State Agricultural Extension Service for specific recommendations regarding application, dosage and timing of sprays.

**SPRAY PREPARATION** - Fill spray tank 1/4 to 1/2 full of water. Add proper amount of Pro-Boll M.P.-3 E.P.N.-3 agitate, then fill the spray tank with water while still agitating. Continue agitating while using.

**APPLICATION** When making ground application, apply the recommended dosage in at least 3 gallons of water per acre or using sufficient water to give good coverage of the foliage. For aerial application use 3 to 10 gallons of water per acre.

**RE-ENTRY STATEMENT** Keep all persons and animals out of treated areas for 48 hours. Workers entering treated fields within 48 hours must wear protective clothing. Vacated areas should not be re-entered until drifting insecticide and volatile residues have dissipated.

**POST TREATED AREA** Consult your State Agricultural Extension Service or Experiment Station regarding posting of treated areas.

**DO NOT APPLY** or allow drift to areas occupied by unprotected humans or beneficial animals. 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 to be sprayed.

**HANDLE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE EQUIPMENT AND CLOTHING**

- (1) Wear water-proof pants, coat, hat, rubber boots or rubber overshoes
- (2) Wear safety goggles
- (3) 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 provisions of 30 CFR Part II
- (4) Wear heavy duty, natural rubber gloves.

**WORK SAFETY RULES**

Persons working with this product should have frequent blood tests of their cholinesterase levels. If the cholinesterase level falls below a critical point, no further exposure should be allowed until has been determined by means of blood tests that the cholinesterase level has returned to normal. Consult the State Agricultural Extension Service for specific recommendations regarding such blood test.

Keep all unprotected persons and children away from treated areas or 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 help right away. Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to Methyl Parathion & E.P.N. and describe his condition. After first aid is given (see First Aid Treatment section) take victim to hospital or clinic.

**IMPORTANT!** Before removing gloves, wash them with soap and water. Always wash hands, face, and arms with soap and water before smoking, eating or drinking.

**AFTER WORK,** take off all work clothes and shoes. Shower, using soap and water. Wear only clean clothes when leaving. Do not wear contaminated clothing. Wash protective clothing and protective equipment with soap and water after each use. Respirator should be cleaned and filter replaced according to instructions included with respirator.

**LIMIT OF WARRANTY AND LIABILITY**

Pro-Boll warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this company. In no case shall Pro-Boll be liable for consequential, special or indirect damages resulting from use or handling of this product. All such risks shall be assumed by the buyer or user.

Crop	Insect	Rate of EPN 3-3 Per Acre	Application Directions and Limitations
Cotton	Aphids, Boll Weevil, Cotton Fleahopper, Cotton Leafworm, Fall Armyworm, Fleahoppers, Garden Webworm, Grasshoppers, Red Spider Mites, Thrips	1/2 to 1 1/2	Apply at 5 to 7 day intervals until control is obtained. Do not apply within 7 days of hand picking or harvest. Do not treat large or old trash to protect. Do not use on areas resistant to organophosphorus compounds.
	Legs Bugs, Tarnished Plant Bug, Round Plant Bug (and other leaf bugs)	1/2 to 2 1/2	For boll weevil apply at the lower rates for control of overwintered adults. For control in mid and late season apply at higher rates when insect injury is seen or when 10% of bolls are punctured.
	Borer	1 1/2 to 2 1/2	For thrips make first application when cotton reaches the 4 leaf stage or earlier if thrips begin to cause injury. Make 1 to 3 additional applications at 7 to 10 day intervals as necessary.
	Burrowing Ground Beetle, Mexican Bean Beetle, Pink Bollworm, Pyralis Moth, Serpentine Leafminer, Southern Armyworm, Sugar Beet Webworm, Two-spotted Spider Mite	2 1/2	For plant bugs apply when insects reach treatment thresholds and continue as needed to retain control. For bollworm and tobacco bollworm apply when 5 small worms are found per 100 bolls. Apply on a 4 to 5 day schedule until control is obtained. For pink bollworm, apply on a 5 to 7 day schedule. Begin schedule before larvae have entered bolls.
Corn	Armyworms (up to third instar), Chinch Bug, Corn Ear and Root, Corn Rootworm (adult), Grasshopper, Fall Armyworm	1/2 to 1 1/2	Apply when significant infestation occurs and repeat application as necessary to maintain control. Do not apply within 14 days of harvest.
	European Corn Borer	1/2 to 1 1/2	Make first application when 25% of the plants show evidence of leaf feeding and continue at 5 day intervals as long as leaf feeding is evident from 1 to 3 treatments may be required. For control of second brood borers, apply when eggs begin to hatch. Do not apply within 14 days of harvest.
Corn (field)	European Corn Borer	1/2 to 1 1/2	Make application 10 days after eggs first hatch or when 25% of the plants show evidence of feeding in leaf whorls. Repeat 7 to 10 days later if new evidence of leaf feeding is observed. For control of second brood borers, apply when eggs begin to hatch. Do not apply within 14 days of harvest.
	Southern Corn Borer (second to third generation)	1 to 1 1/2	Apply when 10% of the plants have egg masses. Repeat at 5 to 10 day intervals as needed. Do not apply within 14 days of harvest.
Soybeans	Chinch Bug, Cotton, Garden Webworm, Two-spotted Spider Mite, Nigger	1/2 to 1 1/2	Apply when significant infestation occurs and repeat as needed to maintain control. Do not harvest grain or feed forage from treated fields to livestock within 20 days after the last application.
	Stinkbugs, Yellowish Caterpillar	1 to 1 1/2	
	Aphids, Borer Beetle, Mexican Bean Beetle, Two-spotted Spider Mite	1 to 1 1/2	
	Corn Earworm (European Bollworm)	1 to 2	
	Cabbage Looper, Green Caterpillar, Fall Armyworm (up to third instar)	2 to 2 1/2	

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ACCEPTED with COMMENTS in EPA Letter Dated:

FEB 24 1984

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

12062-10





FEB 24 1984

Mr. Mark Raley  
Pro Boll Chemical & Fertilizer Co., Inc.  
P.O. 51  
Dunn, LA 71236

Dear Mr. Raley:

Subject: Response to EPA Cancellation Notice  
Barricade No. 6  
EPA Registration No. 12062-10  
Date of Submission February 3, 1984

Your draft labeling submitted February 3, 1984, is being accepted with the following provisions;

1. As per telephone conversation between you and Mr. Mack of this office, include the entire paragraph headed "Protective Clothing Required" found on page 39498 of the Federal Register Notice, Vol. 48, No. 170, August 31, 1983.
2. Note that the reentry interval is 48 hours.
3. Include on the label "For aerial application, flagging must be fully automated mechanical means or by humans working in totally enclosed vehicles."
4. The wording "Do not apply this product when weather conditions favor drift from treated areas," must appear in the Use Directions.
5. The following statement must appear in the Environmental Hazards section of the label:

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops and weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							
DATE ▶							

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6. In the "Use Directions" section of the label add the statement "Do not apply to corn during the pollenshed period if bees are visiting the treatment area."

It will not be necessary for you to resubmit draft labeling with the above change. However, before you release the product for shipment, you must submit final printed labeling for our records.

Sincerely yours,

Jay S. Ellenberger  
Product Manager (12)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767)

DCR-28472:Ellenberger:2/15/84:RD-23:Raven:557-2226:del.3/2/84:tar

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