

PREP™ Ethepon Plant Regulator For Cotton

Active Ingredient:

Ethepon (2-chloroethyl) phosphonic Acid * 39.5%

Inert Ingredients: 60.5%

*This product contains 4 pounds ethepon per gallon.

ACCEPTED

1983

EPA REG No. 264-257

2/25/83

EPA Est. No. 264-PA-1

Keep Out of Reach of Children

DANGER

IN CASE OF EMERGENCY PHONE COLLECT
(24 HOURS A DAY) IN U.S.A. (304) 744-3487

The use of this product for a variety of plant growth regulation uses is protected by various United States and foreign patents including U.S. Patents 3,879,185 and 4,240,819. No license is granted to use this product in countries other than the United States or for any use not contemplated by this label. Liability for patent infringement may result from use or sale of this product outside the United States.

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Made In U.S.A.

Contents 1 Gallon

PREP™ Ethephon Plant Regulator For Cotton

GENERAL INFORMATION

A foliar spray of PREP Ethephon Plant Regulator will accelerate opening of mature unopened cotton bolls and enhance defoliation which can result in earlier harvest with an increased recoverable yield. PREP treatment allows increased efficiency from a once-over harvest.

Some premature drop of small, immature bolls may be associated with treatment. Do not apply before sufficient, mature, unopened bolls have developed to produce the desired yield of cotton.

For best results, thorough and uniform spray coverage is required. It is essential that the bolls are contacted by the spray to obtain optimum boll opening. Observe treated fields closely. Harvest at optimum boll opening and defoliation, generally 14 to 21 days after treatment. Sustained cold weather (65° F or lower) after treatment with PREP will delay the boll opening response.

Do not apply PREP if rain is expected within 6 to 8 hours.

DIRECTIONS FOR USE

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

I. CALIFORNIA AND ARIZONA

Boll Opening: Apply a foliar spray of 1 to 2 quarts (1-2 lb. a.i.) of PREP in 5 to 50 gallons water/A when 30 to 60% of the bolls are open, and when there are sufficient mature, unopened bolls to produce the desired yield.

Do not apply cotton defoliants until 4 days after PREP treatment. Use of defoliants within the 4-day interval may result in decreased or slower boll opening response.

Preconditioning for defoliation (PREP followed by defoliant): Apply a foliar spray of 1.0 to 2 pints (0.50 to 1 lb. a.i.) of PREP in 5 to 50 gallons water/A, 4 or more days prior to application of a defoliant.

II. MID-SOUTH, SOUTHWEST, SOUTHEAST

Boll Opening: Apply a foliar spray of 2 quarts (2 lb. a.i.) of PREP in 2 to 50 gallons water/A when 50% or more of the bolls are open, and when there are sufficient mature unopened bolls to produce the desired yield. The use of a defoliant within 4 days after PREP treatment may result in decreased or slower boll opening response.

For enhanced defoliation: Apply a foliar spray of 1 to 2 pints (0.5 - 1 lb. a.i.) of PREP in 2 to 50 gallons A.

USE PRECAUTIONS

Do not harvest cotton sooner than 7 days after PREP treatment. Do not tank mix PREP with defoliants containing sodium chlorate because this results in the formation of hypochlorous acids which, upon heating, emit toxic chlorine fumes.

Avoid spray drift to nearby crops as this product will cause modifications in plant growth. Plant injury or reduced yields will result.

Do not plant another crop within 30 days after treatment.

Do not use PREP with any additives other than those specifically recommended on this label.

Mix only the amount of spray you expect to use each day. Do not allow mixed solution to stand overnight.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER: Corrosive. Causes eye and skin damage. Do not get in eyes, on skin or on clothing. Wear protective clothing and goggles or face shield when handling. Harmful or fatal if swallowed or absorbed through skin. Avoid contamination of food. Avoid inhalation of spray mist. Wash thoroughly with soap and water after handling and before eating or smoking. Remove and wash contaminated clothing before reuse.

STATEMENT OF PRACTICAL TREATMENT

If in eyes, flush with water for at least 15 minutes and call a physician. If on skin or clothing, remove clothing and wash skin thoroughly with soap and water, get medical attention. If inhaled, stop spraying and move to uncontaminated area. If swallowed, promptly drink a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN: PREP possesses characteristics of a strong acid. Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not contaminate water used for irrigation or domestic purposes.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, State, or local procedures.

Triple rinse (or equivalent) the empty containers, then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by incineration if allowed by state and local authorities.