

**POISON**  
**KEEP OUT OF REACH OF CHILDREN**  
**READ SAFETY DIRECTIONS BEFORE OPENING OR USING**

**CHEMAG**  
**ETHEPHON 720**  
**GROWTH REGULATOR**

**ACTIVE CONSTITUENT: 720g/L ETHEPHON**  
(An anticholinesterase compound)

FOR ENHANCED DEFOLIATION AND BOLL OPENING OF COTTON

CONTENTS:20/200/100 LITRES

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## DIRECTIONS FOR USE

QLD, NSW, WA & NT only

## RESTRAINTS

Do not apply if rain is expected within 8 hours

Do not apply if daytime temperature is expected to fall below 18°C

Do not apply if cotton bolls have been burned by frost.

Do not penetrate with a desiccant (chlorate) before using ChemAg Ethephon.

RATE	CRITICAL COMMENTS
2 – 3 L/ha in a minimum of 20L of water	<b>FOR ENHANCED DEFOLIATION AND BOLL OPENING OF COTTON.</b> Apply when the number of mature unopened bolls is sufficient to produce the required yield. Use the lower rate in warm, optimum conditions. Use the higher rate for stressed plants, rank growth, or adverse cool Conditions (eg. If day/night temperature after treatment is expected to be below 22°C). Ensure thorough and uniform coverage of bolls.
1.3 L/ha in a minimum of 20L of water.	<b>FOR PRE-CONDITIONING BEFORE DEFOLIATION.</b> Apply when there are sufficient mature unopened bolls to produce the desired yield. Apply defoliant 4 – 7 days later. Ensure thorough and uniform coverage of bolls.

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER  
CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER  
APPROPRIATE LEGISLATION.**

## WITHHOLDING PERIOD

DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION.

DO NOT FEED COTTON STUBBLE OR GIN TRASH TREATED WITH CHEMAG  
ETHEPHON TO LIVESTOCK.

DO NOT GRAZE LIVESTOCK ON TREATED PLANTS.

## GENERAL INSTRUCTION

### Compatibility

Do not mix with desiccants containing sodium chlorate as this could result in emission of toxic chlorine fumes.

ChemAg Ethephon may be tank mixed with defoliant products, Since the formulations of other product are beyond the control of ChemAg Pty Ltd, tank mixtures should be tested before commercial use.

### Mixing Application

Add ChemAg Ethephon to half the required volume of good quality water in the spray tank, then add the remaining volume of water while agitating the mixture. Do not use alkaline water.

Prepare only enough spray solution for immediate use, and do not allow to stand. If tank mixtures are prepared, maintain good agitation and use promptly. Apply as a thorough uniform spray to achieve good coverage of leaves and bolls.

For aerial application apply in at least 20L/ha water.

ChemAg Ethephon is corrosive to acrylic plastics, certain paints and metals. Flush and rinse all exposed equipment including aircraft surfaces with detergent and water after use.

## TREATMENT SEQUENCE

Light canopy: apply ChemAg Ethephon, then apply defoliant 4-7 days later.

Moderate t Heavy canopy: first apply as a pre-conditioner, then apply ChemAg Ethephon as soon as sufficient leaves have dropped to expose target bolls, usually 4-10 days later.

## **APPLICATION METHOD**

Apply by placement techniques as follows to achieve a target droplet density of 60 droplets per sq. cm.

Wind Direction.....Cross Wind	Wind Speed .....6-20kph
Air Temperature.....Max 32° C	Delta t.....Max. 10°

## **PROTECTION OF CROPS, NATIVE & OTHER NON-TARGET PLANTS**

Do not apply under meteorological conditions or from spraying equipment, which could be expected to cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

## **PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND EQUIPMENT**

Dangerous to fish. Do not contaminate streams, rivers or waterways with the chemical or used containers.

## **STORAGE AND DISPOSAL**

Store in the closed, original container in a cool, well-ventilated area, away from children, animals, food, foodstuffs, seed and fertiliser. Do not store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsing s to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler to designated collection point.

If not recycling, break, crush or puncture and bury the empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked at a set up for this purpose clear or waterways, desirable vegetation and tree roots.

Empty containers and products should not be burnt.

**Refillable Containers:** Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

## **SAFETY DIRECTIONS**

Product is harmful if swallowed. Attacks eyes. Protect eyes when using . When preparing spray and using the prepared spray wear elbow length PVC gloves and face shield or goggles. Wash hands after use. After each day's use, wash gloves and face shield or goggles and contaminated clothing.

## **FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre (Ph 131126). If swallowed DO NOT induce vomiting. Give a glass of water. If swallowed, give one atropine tablet every 5 minutes until dryness of the mouth occurs – If poisoned by skin absorption of through lungs, remove contaminated clothing, wash skin thoroughly and give atropine tablet as above. Get to a doctor or hospital quickly. If in eyes, hold eyes open, flood water for at least 15 minutes and see a doctor.

## **MATERIAL SAFETY DATA SHEETS**

Additional information I listed in the Materila Safetyu Data Sheet (MSDS)

## **CONDITION OF SALE**

The use of ChemAg Ethepon Growth Regulator being beyond the control of the manufacturer, no warranty expressed or implied is given by ChemAg Pty Ltd regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer whether in accordance with the directions or not and ChemAg accepts no responsibility for any consequence whatsoever resulting from the use of this product.

Batch No.

Date of Manufacture

NRA Approval No: 54256/0601

**UN3265**

**CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S(72% ETHEPHON)**

**Packaging Group: III**

**Hazchem Code: 2XE**

[CORROSIVE RISK DIAMOND]