**COTTON**  
A foliar spray with eChem Ethephon 900 will accelerate opening of mature unopened buds and enhance defoliation, which can result in earlier harvest and increased recoverable yield and quality. Some premature drop of small immature buds may occur. Harvest at optimal bud opening and optimum defoliation. Too late harvest may reduce quality and yield.

**APPLICATION**  
DO NOT apply before sufficient mature unopened buds have been produced to the desired degree. Application must be made to fruit only for the fresh fruit market or short term storage. Apply from full bloom to 6 weeks after full bloom. Ensure thorough coverage of leaves and fruit. Note: High temperature at spraying or following spraying may accelerate results.

**CRITICAL COMMENTS**  
- Application may cause some yellowing of foliage or defoliation.
- Avoid spraying when mean daily temperatures exceed 32°C.
- Ensure thorough coverage of leaves and fruit.

**MIXING & APPLICATION**  
Add eChem Ethephon 900 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 mixture are prepared, maintain good agitation and use promptly. Apply as a thorough uniform spray to achieve good coverage. For aerial application apply at least 25L/ha water. eChem Ethephon 900 is corrosive to acrylic plastic, certain paints and metals. Flush and rinse all exposed equipment including aircraft surfaces with deterrent and anti-scaling or soap water.

**COMPATIBILITY**  
DO NOT mix with desiccants containing sodium chlorate as this could result in emission of toxic chlorine gases. eChem Ethephon 900 may be tank-mixed with defoliant products. Since the formulations of other products are beyond the control of eChem (Australia) Pty Ltd tank mixtures should be tested before commercial use.

**PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS**  
DO NOT apply under weather conditions, or from spraying equipment that may cause spray drift onto nearby cotton, citrus, rice or potatoes.

**PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**  
Dangerous to fish. DO NOT contaminate streams, rivers with the chemical or seed coatings.

**STORAGE AND DISPOSAL**  
Store in the closed original container in a dry, cool, well-ventilated area away from children, animals, food, twine, seed and fertilizers. DO NOT store for prolonged periods in direct sunlight.

**REFERENCES**  
DO NOT mix with hard (alkaline) water. DO NOT mix with desiccants containing sodium chlorate as this could result in emission of toxic chlorine gases. eChem Ethephon 900 may be tank-mixed with defoliant products. Since the formulations of other products are beyond the control of eChem (Australia) Pty Ltd tank mixtures should be tested before commercial use.
PINEAPPLES (plus Uniq)  
**Initiation of flowering**  
Qld, WA only  
-  
64 mL PLUS  
5 kg Urea/100 L water.  
Apply 30 mL solution/plant  
128 mL PLUS  
100 kg Urea/2000 L water/ha (Boom sprayer)  
7 days  
Apply in March.  
Note: Rate should be doubled for plant crops, which are growing vigorously at the time of application.  

PINEAPPLES (without Uniq)  
**Initiation of flowering in ratoon**  
-  
20 mL/10 L water.  
Apply 30 mL solution/plant  
48 mL/2000 L water/ha (Boom sprayer)  
6 weeks  
Apply in February and March.  
Note: See above – February/March application with Urea.  

PINEAPPLES  
**Fruit ripening**  
-  
1.36 L in 1000 L water/ha  
Apply in May-June OR September-October. Note: See above – February/March application without Urea.  

**WITHHOLDING PERIODS:**  
Table Grapes and Cotton: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION.  
Apples, Cherries, Macadamia nuts, Pineapples, Tomatoes, Wine grapes:  
DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.  
Peaches and Sugar Cane: DO NOT HARVEST FOR 6 WEEKS AFTER APPLICATION. DO NOT FEED COTTON STUBBLE OR GIN TRASH TREATED WITH CHEM ETHYPHEN TO LIVESTOCK.  
DO NOT GRAZE LIVESTOCK ON TREATED PLANTS.  

**SAFETY DIRECTIONS**  
Product is harmful if swallowed. Absorbs through skin. Repeated or prolonged or very close exposure may have a cumulative poisoning effect. Protect eyes while 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, face shield or goggles and contaminated clothing.  

**FIRST AID**  
If swallowed, do NOT induce vomiting. Give a glass of water. If swallowed, splash on skin or in eyes, or inhaled, contact a Poisons Information Centre, Telephone Australia 131126, or a doctor at once. Remove any contaminated clothing and wash skin thoroughly. If swallowed, activated charcoal may be advised. Give atropine if instructed. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.  

**MATERIAL SAFETY DATA SHEET**  
Additional information is listed in the material safety data sheet (MSDS). A material safety data sheet for eChem Ethephon 900 Growth Regulator is available from the supplier.  

**CONDITIONS OF SALE**  
eChem (Australia) Pty Ltd accepts responsibility for the consistent quality of the product however since the use and application of the product is beyond control, the company accepts no responsibility whatsoever for any loss, damage or other result following the use of the product whether used in accordance with directions or not; other than those mandatorily imposed by statutes, the liability is limited to the replacement of the goods and is conditional upon a claim made in writing and, where necessary, a sufficient part of the goods being returned for proper examination by the company within thirty days of sale.  

**CONDITIONS OF USE**  
Use only in accordance with directions or not; other than those mandatorily imposed by statutes.  

**CONDITIONS OF SALE**  
Hazchem 2X Corrosive diamond UN 3265  
In a Transport Emergency Dial 000 Police or Fire Brigade  

**SAFETY DIRECTIONS**  
Product is harmful if swallowed. Absorbs through skin. Repeated or prolonged or very close exposure may have a cumulative poisoning effect. Protect eyes while 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, face shield or goggles and contaminated clothing.  

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