

**DANGER – KEEP OUT OF REACH OF CHILDREN**

**Read the Label Carefully Before Use.**

# ETHREL<sup>®</sup> 720

**Plant Growth Regulator for use on Turf,  
Ripening Tomatoes, early Apples and as a  
Blossom Thinner and Return Bloom  
Enhancer in Apples.**

**Contains:**

**720 g/litre chlorethephon in the form of a soluble concentrate.**

Ethrel<sup>®</sup> 720 is a registered trademark of the Bayer Group  
Registered pursuant to the ACVM Act 1997, No.P9099  
See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions  
Approved pursuant to the HSNO Act 1996, No.HSR101005



**AGRECOVERY**

Rural Recycling Programme

Registered to:

**BAYER Crop Science New Zealand Limited**

New Zealand Agent:

**ETEC Crop Solutions Limited**

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**[www.etec.co.nz](http://www.etec.co.nz)**

NET  
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**5**

**Litres**

**Etec**  
CROP SOLUTIONS

**DIRECTIONS FOR USE:** The addition of a non-ionic adjuvant at label rates is recommended for all applications of Ethrel 720.

**MIXING:** Ethrel 720 mixes readily with water. Pour the required quantity into the partly filled spray tank with agitation operating. Continue filling the tank and maintain agitation until spraying is complete. **IT IS IMPORTANT TO MEASURE THE QUANTITY REQUIRED ACCURATELY** when making up the spray solution.

**APPLICATION:** Apply through any conventional spray equipment that has been adjusted to give good even coverage of the target plant. Flush equipment thoroughly before and after use of Ethrel 720.

#### RATES OF APPLICATION

CROP	DIRECTIONS FOR USE
Tomatoes	Treatment with Ethrel 720 14 – 21 days before harvest will accelerate ripening of Tomatoes.
Dwarf Tomatoes – single harvest	Apply 1.3 L in 340 L of water per hectare with a boom sprayer (or 106 ml / 100 L with a gun sprayer as a light wetting spray) when 15 – 20% fruit is coloured. Optimum ripening should occur within 14-21 days, but temperatures below 18°C may delay colour development.
Dwarf Tomatoes – multiple harvest	Early Treatment: Apply Ethrel 720 as for single harvest after two or three picks have been made. Most fruit can then be harvested 14 – 21 days later. If a reasonable amount of fruit is left use the following late treatment. Late treatment: Apply 2 – 2.3 L of Ethrel 720 in 340 L of water per hectare (or 166 – 200 ml /100 L as a gun spray) 7 – 10 days before final pick. Treated fruit should ripen fully within 15 days. This treatment can be used whether or not an early treatment has been made.
Stake Tomatoes - glasshouse	Apply 12 ml Ethrel 720 in 10 L of water as a light wetting spray using a knapsack sprayer.
Stake Tomatoes – outdoor - main crop	Use Ethrel 720 as for dwarf tomatoes – multiple harvest programmes. Early, late or both treatments may be made. For small areas, apply 25 ml Ethrel 720 in 10 L of water per 220 square metres by knapsack sprayer.
Stake Tomatoes – outdoor - late crop	Apply 50 ml Ethrel 720 in 10 L of water per 220 square metres by knapsack sprayer or 200ml / 100 L of water with a gun sprayer immediately after 2 or 3 picks have been made. Apply by the end of April at the latest. Continue with the normal picking schedule after application.
Early Apples	Ethrel 720 is recommended for colour promotion and uniform maturity in red strains of early apples only. Do not use on other varieties or strains of apples. Apply 26 – 40 ml Ethrel 720 per 100 L of water as a high volume overall spray. Spray 1 – 2 weeks before expected harvest and pick treated apples when ripe. <b>CAUTION:</b> To prevent fruit drop it is essential to add a stop-drop material such as 1-naphthylacetic acid (NAA) at 10 – 20 ppm to the spray mix. To advance the harvest date by up to 2 weeks, Ethrel 720 may be applied up to 5 weeks before the normal expected harvest date.
Apples and blossom thinning	Ethrel 720 may be used for bloom thinning on varieties susceptible to biennial bearing, such as Braeburn, Pacific Rose, Pacific Beauty™ and Fuji. Use with caution on other cultivars and apply in the “on-year”. Use 14 - 28 ml Ethrel 720 together with 250ml Regulaid per 100 L of water and apply as a dilute spray at or just prior to full bloom of spur clusters. Use sufficient water to thoroughly wet the tree. Optimum thinning results are obtained if the maximum temperature on the day of application is 19°C. Higher temperatures may result in excessive thinning. Avoid application under cool, frosty, or slow drying conditions that may stimulate fruit russet. The single treatment may not provide adequate thinning under some environmental conditions and follow-up treatments with a fruitlet thinner may be required. Consult with your advisor for specific programmes.

#### TURF – Sports Fields, Greens and Tees

TARGET	RATE	REMARKS
Poa annua seedhead suppression	5.0 - 6.7 litres/ha	Apply at the start of seed head development in 600 – 800 litres of water per hectare with a non ionic surfactant. Apply in warm conditions to turf that are not under stress. DO NOT: 1. Apply to turf that may be grazed by live stock. 2. Apply to turf under stress or subject to cold wet weather conditions. 3. Make multiple applications closer than 21 days apart to avoid thinning of greens. 4. Apply in alkaline water. Use an acidifier such as X-CHANGE to acidify the spray mix. Treatment can cause transient yellowing of turf.

**It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residues Levels for Agricultural Compounds.**

#### WITHHOLDING PERIODS:

Tomatoes: Do not harvest treated tomatoes within 7 days of the last treatment. Apples: Do not harvest treated apples within 7 days of application.

#### EXCLUSION OF LIABILITY: PLEASE READ

To the extent permitted by law, buyers and/or users of the goods accept that neither the manufacturer, Etec Crop Solutions Limited as distributor, nor any other distributor have any liability or responsibility whatsoever for any loss, damage or injury whether in contract or tort, whether direct, indirect or consequential howsoever arising in connection with the supply of these goods.

<b>BATCH NO</b>
<b>DOM</b>

**This product MUST NOT be used for any purpose or in any manner contrary to the controls and conditions of registration.**

**This product MUST be under the control of an Approved Handler during use.**



**HSNO Classifications: 6.1D, 6.9B, 8.2C, 8.3A, 9.1B, 9.2A, 9.3C, 9.4C**

**DANGER:**

May be harmful if swallowed or absorbed through the skin. May cause organ damage from repeat oral exposure at high dose rates. This product is corrosive to the skin and eyes and may cause skin burns and eye damage. Toxic to aquatic life with long-lasting effects. Very toxic to the soil environment. Harmful to terrestrial vertebrates and invertebrates.

**PRECAUTIONS:**

Store in the closed, original container in a cool, well-ventilated and locked area away from foodstuffs. When mixing or applying, wear protective clothing such as impervious gloves, waterproof hat, coat and trousers and goggles. Avoid contact with skin and eyes, and inhalation of spray mist. Wash splashes of concentrate from skin or eyes immediately. If clothing becomes contaminated with product, remove clothing immediately. Do not eat drink or smoke while using.

Remove protective clothing and wash hands and face before meals and after work. Wash protective clothing after work. Apply with well-maintained and calibrated spray equipment. Records of use **MUST** be kept.

Application, storage and record keeping should be as described in the Management of Agrichemicals NZS8409. **DO NOT** carry on a passenger service vehicle.

Avoid contamination of any water supply with product or empty container.

**PRODUCT DISPOSAL:**

Dispose of this product only by using according to the label, or at an approved landfill or other approved facility.

**CONTAINER DISPOSAL:**

Ensure the container is empty. Triple rinse empty container and add rinsate to the spray tank. Recycle empty container through Agrecovery (0800 247 326, [www.agrecovery.co.nz](http://www.agrecovery.co.nz)). Otherwise crush and bury in a suitable landfill. **DO NOT** reuse this container for any other purpose.

**FIRST AID:**

If swallowed do **NOT** induce vomiting. For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. **DO NOT SCRUB THE SKIN**. If concentrate is splashed in the eyes, flush with running water for at least 15 minutes. If inhaled, remove victim to fresh air immediately.

**SPILLAGE AND DISPOSAL:**

When dealing with a spill wear personal protective clothing and equipment. In case of spillage, confine spilled product with material such as sand or clay. Dispose of waste as indicated below or according to local Regional Council regulations. **DO NOT** allow spilled product to enter sewers, drains, creeks or any other waterways. Keep out animals and unprotected persons. Vacuum, shovel or pump waste into an approved drum. To decontaminate spill area, tools and equipment, wash with a suitable solution (ie organic solvent, detergent, bleach or caustic) and add the solution to the drums of waste already collected. Label for contents. Dispose of drummed waste, including decontamination solution, in accordance with the requirements of Regional Council by-laws.

**UN 3265 Corrosive Liquid, Acidic, Organic,  
N.O.S. (Chlorethephon),  
Hazard Class 8,  
Packing Group III,**

**24 Hour Emergency Response  
0800 CHEM CALL  
0800 236 2255**

**EL995**

