

**CORROSIVE**  
**KEEP OUT OF REACH OF CHILDREN**



## Water Conditioner and Ion Scavenger

### Active Ingredients:

500g/litre of a proprietary blend of polyacrylic, hydroxy carboxylic, propionic acids, phosphate ester and ammonium sulphate in the form of a water soluble concentrate.



**AGRECOVERY**

Distributed By:

**Etec Crop Solutions Limited**  
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**www.etec.co.nz**

NET  
CONTENTS:

**5**  
Litres



**HSNO Class: 6.3B, 6.9B, 8.3A**

**HEALTH WARNING: DANGER** - may cause eye damage. **HARMFUL** - may cause skin irritation, avoid skin contact. Repeated oral exposure at high doses is presumed to cause organ damage.

**PRODUCT DISPOSAL:** Ensure unwanted product is used by another operator strictly in accordance with label directions. Do not allow product to enter waterways, drains or sewers.

**CONTAINER DISPOSAL:** Triple rinse container and add residue to spray tank. Submit clean empty container for recycling through Agrecovery. If this is not possible, burn if permitted and circumstances, especially wind direction allow, otherwise bury in landfill.

**HANDLING PRECAUTIONS:** When mixing or applying, wear protective clothing, gloves and goggles. Do not eat or drink while using. Wash hands and face before meals and after work. Wash protective clothing after work.

**STORAGE:** Store in original container tightly closed and in a locked, dry, cool, well ventilated area above 5°C. If frozen, warm product before use. Ensure product is kept away from feed, seeds and foodstuffs. Storage must be generally in accordance with NZS8409 Management of Agrichemicals. See the HAZNOTE for further information.

**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, hair or eye contact occurs, remove contaminated clothing and flush skin, hair and/or eyes with running water for several minutes.

**PRODUCT INFORMATION: X-CHANGE** is a proprietary blend of organic and inorganic compounds designed to condition water by reducing the effect of hard water, dissolved cations and high pH on certain pesticides, particularly glyphosate, gluphosinate, etc. **X-CHANGE** acts sacrificially by chelating and sequestering water cations rendering them inactive leaving a spray solution in which all the pesticide active ingredient is free to do its intended job.

**NOTE:** If the pesticide label requires the addition of a surfactant e.g. LI-700®, Browndown®, etc., this must still be added at recommended label rates.

**DO NOT USE ON ANY ORNAMENTAL CROP INCLUDING THOSE GROWN FOR CUT FLOWERS, FOLIAGE AND NURSERY PLANTS.**

**DIRECTIONS FOR USE:** Fill spray tank ½ full with water and begin agitation. Add the required amount of **X-CHANGE** before adding the pesticides. Fill the spray tank with water. Continue agitation while adding the pesticides to the **FULL TANK**.

**NOTE - ALWAYS ADD X-CHANGE BEFORE THE PESTICIDES.**

### SUGGESTED RATES:

Add **X-CHANGE** at the rate of 100 - 1.5 L / 100 litres of water. The correct rate can be obtained by:-

a) Using the **X-CHANGE** water hardness strips. These give a direct result calculated as a percentage of final water volume in the tank

### INSTRUCTIONS;

- Dip the test strip briefly in the water (2 seconds).
- Shake off excess water; wait 1 minute.
- Sensitive bands will change colour from pale green to purple, indicating water hardness.
- Number of red/purple bands indicate rate of X-Change required (see below).

No of Red/Purple Bands	Total Hardness (Ca & Mg) as CaCO3 ppm	Rate of X-Change per 100L of water
0	< 90	100
1	90 - 180	100
2	180 - 270	200
3	270 - 360	300
4	360 - 400	400

b) It is recommended to test water that shows more than 4 bands on test strips, as hardness is excessive and this will negatively influence many Agrochemical products used. Based on test results, add the following rates of X-change.

Laboratory Test Results for water Hardness	Total Hardness (Ca & Mg) as CaCO3 ppm	Rate of X-Change (% Spray Volume)
Hardness greater than can be measured on test strips	400 - 600	500
	600 - 800	750
	800 - 1000	1 litre
	1000 - 1200	1.25 litres
	> 1200	1.50 litres

c) If neither of the above methods are available, use a minimum of 1 L / 100 litres water.

### 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.

HSNO Approval Code HSR002491

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Batch No.
DOM

EL704

**24 Hour  
Emergency Response  
0800 CHEM CALL  
0800 243 622**

