

KEEP OUT OF REACH OF CHILDREN

# CropXtra

## Plant Activator

**ACTIVE CONSTITUENT:**  
**500 g/kg blend of oleo-dicarboxylic acids**

CONTENTS: 1kg  
500g



**SIPCAM PACIFIC AUSTRALIA PTY LIMITED**  
Level 1, 191 Malop Street  
Geelong VICTORIA 3220



## DIRECTIONS FOR USE

### Restrains:

\*When applying CropXtra to crops at a per 100L rate, the rate per hectare should be not less than 20g/ha or exceed 80g/ha.

CropXtra must be applied at least 5 days prior to any heat events of 27 °C or higher.

## FOLIAR APPLICATION

Crop	Situation	State	Use Rate		Critical Comments
			Per ha	Per 100L	
<b>Vegetables - (Annual and Biennial Crops)</b>					
Fruiting vegetables including: tomato, pepper, capsicum. Cucurbits including: melon, squash, cucumber, zucchini. Leafy vegetables including: lettuce, chard, spinach. Brassicas including: broccoli, cabbage, cauliflower, Asian vegetables. Root crops including: beets, onions, garlic and EXCLUDING potato and sweet potato.	Environmental stress mitigation program  To reduce transplant shock	All states	20 g/ha		Apply 20 grams CropXtra per ha beginning immediately after transplant or two leaf stage for seeded or tuber crops. Repeat applications at 14-21 day intervals through to harvest. Early applications can be made as a band over the row.  Apply after watering transplants.
Potato, sweet potato	Environmental stress mitigation program  To reduce cold stress	All states	20 g/ha		Apply 20 grams of CropXtra per ha beginning immediately after transplant (Sweet Potato) or two leaf stage for seeded or tuber crops. Repeat applications at 14-21 day intervals through to harvest. Early applications can be made as a band over the row.  Apply prior to a cold event, ensuring adequate coverage of the foliage.
<b>Fruit Crops</b>					
Pineapples	Environmental stress mitigation program  To reduce transplant shock  To reduce cold stress	All states	40 g/ha  40g/ha 20g/ha		Begin applications at flowering. Continue at 14-21 day intervals through to harvest.  Apply after watering in slips.  Apply CropXtra before the onset of a cold event and continue throughout the cold period. Apply CropXtra at 40g/ha for the first 2 applications at 21 days apart and 20g/ha for the third and subsequent applications, at 21 day intervals
Berries	Environmental stress mitigation program	All states	20g/ha		Apply to the foliage and fruit of the berry crop at 14 day intervals beginning at flowering. Use sufficient spray solution to provide complete coverage. For best results, begin applications when foliage is fully expanded. The addition of a wetting agent, such as a non-ionic surfactant, is extremely important for berries that have a waxy surface, such as blueberries.

Crop	Situation	State	Use Rate		Critical Comments
			Per ha	Per 100L	
<b>Tree Crops</b>					
Pomefruit including: apple, pear, quince. Stonefruit including: apricot, peach, nectarines, cherries, plums, prunes. Nut crops including: macadamias, almonds, pistachios, walnuts. Tropical fruits including: mango, avocado.	Environmental stress mitigation program  To reduce cold stress in frost sensitive crops	All states	* See Restraints	4g/100L*	Apply CropXtra at a rate of 4g/100 L of water*. The total volume applied per ha should be determined using the Tree Row Volume formula. Begin applications within 7 days of petal fall. Continue to apply at 14-21 day intervals until harvest.  Begin applications prior to a cold event. Better results will be obtained with two to three applications applied at 14 day intervals prior to a cold event. Apply in sufficient water to provide thorough coverage.
Citrus	Environmental stress mitigation program	All states	* See Restraints	4g/100L*	Apply CropXtra in sufficient spray solution to wet all foliage. For best results, begin applications one month prior to flowering. Alternatively, CropXtra applications may begin at flowering and be repeated at 21 day intervals through to harvest.
<b>Vines</b>					
Wine grapes Table grapes	Environmental stress mitigation program	All states	* See Restraints	4g/100L*	Begin applications between bloom and cap fall. If it is desirable to have a more open bunch, delay the first application till after capfall. Apply CropXtra at 21 day intervals through just prior to harvest. For additional protection and better early season growth the following year, make 1 to 2 applications of Screen™ Duo beginning immediately after harvest.

Crop	Situation	State	Use Rate	Critical Comments
Row Crops (For row crops, early CropXtra applications can be applied in a band over the row at the equivalent broadcast rate).				
Cereals	Environmental stress mitigation program	All states	40g/ha	Apply CropXtra to cereal crops between flag leaf and anthesis or pollen shed (Growth Stages 47 -59) in sufficient water to wet the foliage.
Maize: Field and sweet corn	Environmental stress mitigation program	All states	40g/ha	Apply CropXtra in sufficient spray solution to wet foliage. Application should be made at uppermost ear and tassel initiation (Growth Stages V4-V6).
Pulses including: Chickpea Faba bean Lentil Soya bean	Environmental stress mitigation program	All states	40g/ha	Apply CropXtra in sufficient spray solution to wet foliage. Application should be made between first flowering and early pod fill (Growth Stages R1-R3).
Cotton	Environmental stress mitigation program  To reduce cold stress	All states	40g/ha  20g/ha	Apply CropXtra in sufficient spray solution to wet foliage. Application should be made between mid-pin stage and first flower.  Apply 20g/ha at 5cm of growth for mitigation of cold stress.

Crop	Situation	State	Use Rate	Critical Comments
Canola	Environmental stress mitigation program	All states	40g/ha	Apply CropXtra in sufficient spray solution to wet foliage. Apply CropXtra when canola plants are between half and full bloom to protect flowers and small pods.
<b>FERTIGATION APPLICATION</b>				
Trees, nuts & vines	Environmental stress mitigation program	All states	40g/ha	Use a "constant dose application system" to ensure even distribution of CropXtra is achieved across the crop via irrigation. Apply every 14-21 days during the growing season. Commence spray program at least 7 days before the onset of a heat or chill event. For best results, the second application should have been applied before the onset of a stress event. If a significant period of stress is approaching, the application interval should be reduced to 14 days.
Vegetables	Environmental stress mitigation program	All states	20g/ha at 10-14 day intervals OR 30g/ha at 14-21 day intervals	Use a "constant dose application system" to ensure even distribution of CropXtra is achieved across the crop via irrigation. Apply every 14-21 days during the growing season. Commence spray program at least 7 days before the onset of a heat or chill event. For best results, the second application should have been applied before the onset of a stress event. If a significant period of stress is approaching, the application interval should be reduced to 14 days

**GENERAL INSTRUCTIONS:** CropXtra reduces the impact of environmental stressors, such as excess light, heat, drought, cold and other environmental conditions. The active ingredients in CropXtra are natural compounds, found in all plants that control a specific enzyme system associated with the stress response. CropXtra effectively prepares the plant for the onset of environmental stress. CropXtra can be applied at any time during the growing season, from pre-plant to post-harvest, on all crops. CropXtra does not leave a residue. All standard crop protection materials can be applied to CropXtra treated crops.

**Application Information:** For the greatest protection against environmental stress damage, apply CropXtra at the rates and specific crop stages noted in the Directions for Use. Repeat applications at the intervals noted in the crop specific section. Foliar applications should be made in sufficient water volume to provide adequate uniform coverage. A wetting agent should be added to aid in spreading over the leaf surface. Preferred surfactants include non-ionic or organo-silicone adjuvants.

**Note:** Apply CropXtra in sufficient spray volume to wet foliage. Applying to drip or beyond will be a waste of product. Best results are obtained from multiple applications. A single application will provide minimal benefit.

**Mixing Instructions:**

1. Fill spray tank one-third to one-half full, maintaining agitation
2. Add surfactant and other materials to the spray tank
3. Add appropriate amount of CropXtra
4. Maintain vigorous agitation of the spray solution containing CropXtra.

**Compatibility:** To date, there have been no compatibility issues with CropXtra and nutrients, pesticides, or other crop protection products. Since all combinations have not been tested, the compatibility of CropXtra with any potential tank mix partners should be determined in small amounts, such as a jar test.

**STORAGE AND DISPOSAL:** Do not contaminate water, food or feed by storage and disposal. Store in a cool, dry, sheltered location. In case of a spill or leak, avoid breathing dust, clean up and dispose of wastes in compliance with applicable local regulations.

**CONTAINER DISPOSAL:** Completely empty bottle into application equipment. Dispose of empty bottle according to local regulations.

**PRECAUTIONARY STATEMENTS:** Causes slight eye irritation. Avoid contact with eyes. CropXtra may cause irritation to the respiratory system. Avoid breathing dust or mist.

**PERSONAL PROTECTIVE EQUIPMENT:** Applicators and other handlers should wear dust/mist-filtering respirator.

**FIRST AID:** If poisoning occurs, contact a Doctor or Poisons Information Centre Phone Australia 13 11 26. If in eyes, hold eyes open and flood gently with water.

**SAFETY DATA SHEET:** For further information refer to the Safety Data Sheet (SDS) which is available from the supplier or from our website, [www.sipcam.com.au](http://www.sipcam.com.au).

#### **G.H.S Statements**

**Hazard H319:** Causes serious eye irritation.

**Prevention P264:** Wash hands thoroughly after handling. **P280:** Wear eye protection.

**Response:** P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice / attention.

This product is NOT classified as a Dangerous Good under the Australian Code for the transport of Dangerous Goods by road and rail.

For specialist advice in emergency only, call **1800 033 111** all hours, Australia wide

**NOTICE TO BUYER:** This product must be used in accordance with the directions for use. Where this product is not a good of a kind ordinarily acquired for personal, domestic or household use or consumption under the Australian Consumer Law, Sipcam's liability for any direct, indirect or consequential loss which you incur, including, without limitation, loss or damage to crop, loss of equipment, property damage, personal injury or death is limited, at Sipcam's option, to the replacement of the product or the supply of an equivalent product. By opening this package, you agree to be bound by these terms. If you do not agree to these terms, please return the entire unopened package intact to Sipcam or the place in which you purchased this product for a full refund.

#### **CONDITIONS OF SALE AND LIMITED WARRANTY AND LIABILITY**

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of CMM, Inc. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold CMM and Seller harmless for any claims relating to such factors. CMM warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or CMM, and Buyer and User assume the risk of any such use.

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**Batch No:**

**Date of Manufacture:**