

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

# **CropSure Putback 250SC Plant Growth Regulator**

**ACTIVE CONSTITUENT: 250 g/L PACLOBUTRAZOL**

**To reduce vegetative growth in Mango, Stone fruit, Avocado  
and Apple Trees as specified in the Directions For Use**

**IMPORTANT: READ THE ATTACHED LEAFLET BEFORE OPENING OR USING  
THIS PRODUCT**

**Contents: 1 L - 20L**

**CropSure Pty Ltd**  
18 Raymond Road  
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Victoria 3026  
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## STORAGE AND DISPOSAL

Store in the closed, original container in a cool, dry, well-ventilated place. DO NOT store for prolonged periods in direct sunlight. Triple rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500mm below the surface in disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in accordance with relevant Local, State or Territory government regulations. Do not burn empty containers or product.

## SAFETY DIRECTIONS

Avoid contact with the eyes and skin. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

## FIRST AID

If poisoning occurs, contact a Doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766.

## SAFETY DATA SHEET (SDS)

Additional information is listed in the Safety Data Sheet (SDS), which is available from the supplier.

## CONDITIONS OF SALE

CropSure Pty Ltd shall not be liable for any loss, injury, damage or death whether consequential or otherwise, whatsoever or whosoever arising whether through negligence or otherwise, in connection with the sale, supply, use or application of this product, except for any provisions or rights under the Australian Consumer Law which cannot be excluded. The supply of this product is on the express condition that the purchaser does not rely on CropSure Pty Ltd skill of judgement in the purchasing or using the same and every person using this product does so at their own risk absolutely. The Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions. This product is designed to be only used according with the label directions.

<b>IN A TRANSPORT EMERGENCY DIAL 000 POLICE OR FIRE BRIGADE</b>	<b>24HR EMERGENCY RESPONSE: AU +61 1800 951 288 NZ +64 800 700 112</b>
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APVMA Approval No: 90638/131795

Batch No.

DOM

Harmful if swallowed. Causes serious eye irritation. Suspected of damaging the unborn child. Very toxic to aquatic life with long lasting effects. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin, or on clothing. Wash contacted areas thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective gloves, protective clothing and eye or face protection. IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice. If eye irritation persists: Get medical advice or attention. In case of fire: Use carbon dioxide, dry chemical, foam, water fog, to extinguish. Protect from sunlight. Store in a dry place. Store in a closed container. Store in a well-ventilated place. Keep cool. Dispose of contents and containers as specified on the registered label.

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**DIRECTIONS FOR USE****RESTRAINTS**

DO NOT use on trees of low vigour or under stress (see General Instructions).

DO NOT use in orchards under-planted with any other crops.

DO NOT apply to young trees which have recently been inter-planted in orchards and which are required to make vigorous growth.

DO NOT apply by aircraft.

<b>Crop &amp; Situation</b>	<b>State</b>	<b>Application Method</b>	<b>Rate</b>	<b>Critical Comments</b>
<b>Apples:</b> Red Delicious & Granny Smith	All States	Foliar Sprays	500mL to 1 L/ha  Add 18mL of an approved wetting agent per 100L water in final spray volume	Apply in a sequential spray program commencing 28 days after full bloom on Red Delicious or 35 days after full bloom on Granny Smith. Use lower rate on less vigorous trees. Apply subsequent sprays at the lower rate at intervals of 21 days for as long as growth control is required. Activity results from uptake of chemical by young green stem tissue. Do not apply more than 4L/ha per season.  <b>CAUTION:</b> If using carbaryl as a chemical thinning agent, plan to allow 21 days between application of carbaryl and CropSure Putback 250SC Plant Growth Regulator.
<b>Apricots, Plums</b>	All States	Trickle Irrigation  Collar Drench	2 L/ha  2 to 4 L/ha	Apply in early Autumn or in Spring between 14 days prior to bud burst and full bloom. Bloom dates may be advanced. In plums, ensure that pollinator trees are treated at the same time to synchronise flowering. Divide rate per ha by the number of trees per ha to determine the rate per tree. Use high rate on medium and heavy soil types.  <b>RETREATMENT:</b> Do not retreat until the season in which normal growth resumes.
<b>Avocado</b>	All States	Foliar Sprays	Growth Control 7L/1000L  Fruit Drop Control 5L/1000L	<b>Timing:</b> <b>Growth Control:</b> For the control of vigorous Growth, application is best done when in full flower. <b>Fruit Drop Control:</b> To assist fruit retention, application is best at fruit set. DO NOT apply when mature fruit are on the tree.
<b>Cherries</b>	All States	Trickle Irrigation  Collar Drench	1 L/ha  1 to 2 L/ha	Apply in early Autumn or in Spring between 14 days prior to bud burst and full bloom. Use high rate on medium and heavy soil types. Bloom dates may be advanced. Ensure that pollinator trees are treated at the same time to synchronise flowering. Divide rate per ha by the number of trees per ha to determine the rate per tree. Use high rate on medium and heavy soil types.  <b>RETREATMENT:</b> Do not retreat until the season in which normal growth resumes.
<b>Mango</b>	Qld, NT & NSW only	Collar, Drench:  <u>Trees 3-6 yrs. old:</u>  Light sands,  Clay, Red Volcanic  <u>Trees over 6yrs:</u>  Light Sands,	Per Tree:  8 – 12 mL  12 – 16 mL  16 – 20 mL	Apply within 4 weeks after harvest or no later than mid-February. Adjust rate within range according to tree age. Use high rate for older trees. Ensure trees are well watered before and after application. <b>CAUTION:</b> Do not treat young trees with a canopy of less than 3m diameter. <b>CAUTION:</b> Excessive compaction of flower panicles may result from application at times later than recommended or from delayed uptake caused by dry soil conditions. Care should be taken to ensure correct insecticide application to control webworm in compact flower panicles.

Crop & Situation	State	Application Method	Rate	Critical Comments
		Clay, Red Volcanic	20 mL	<p><b>RETREATMENT:</b> The effects of CropSure Putback 250SC Plant Growth Regulator on flowering and growth may persist for more than one season.</p> <p><b>Sandy Soils:</b> Postpone retreatment until after the harvest following resumption of normal growth. Use the interval between the first treatment and resumption of normal growth as a guide to retreatment frequency in subsequent years.</p> <p><b>Clays &amp; Red Volcanic soils:</b> Retreat each season. If reduction of growth increases progressively from season to season postpone treatment until after the harvest following the resumption of normal growth.</p>
<b>Peaches, Nectarines</b>	All States	Trickle Irrigation Collar Drench	2 L/ha 2 to 4 L/ha	<p>Apply in early Autumn or in Spring between 14 days prior to bud burst and full bloom. Late Summer or early Autumn application is recommended for early maturing cultivars. Divide rate per ha by the number of trees per ha to determine the rate per tree. Use high rate on medium and heavy soil types.</p> <p><b>RETREATMENT:</b> Retreat trees with 2L/ha (trickle) or with 2-3L/ha (collar drench) in subsequent season. Rates of application for retreatment may be reduced if a lesser degree of growth control is desired. On light soils, retreat when normal growth resumes. Use the low rate for retreatment of low vigorous varieties in cool districts.</p>

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

**WITHHOLDING PERIOD:**

**APPLES:**

**DO NOT HARVEST FOR 21 DAYS AFTER APPLICATION**

**AVOCADOS:**

**DO NOT HARVEST FOR 3 MONTHS AFTER APPLICATION**

**ALL OTHER CROPS:**

**NOT REQUIRED WHEN USED AS DIRECTED**

**GENERAL INSTRUCTIONS**

CropSure Putback 250SC Plant Growth Regulator is a systemic growth regulator that reduces internode lengths of new shoots and causes earlier formation of terminal buds.

Use of CropSure Putback 250SC Plant Growth Regulator should begin only when trees are nearing their optimum size. It is most suited to intensively managed orchards where trees are near to filling their allocated space and growth control is a prime requirement. It is not suitable for old or unhealthy trees. If a tree is under stress CropSure Putback 250SC Plant Growth Regulator should NOT be used.

Stress can be caused by:

- moisture shortage due to lack of rain, or inadequate irrigation
- high temperature
- salinity
- moisture excess due to water table, flooding or inappropriate irrigation
- severe or successive frosts
- poor fertility caused by imbalance of major or minor nutrients
- diseases
- insects
- inappropriate herbicide use
- mechanical damage.

### **Tree Management**

Treated trees may produce heavier crops and require a higher level of fertilizer application. Ensure that treated trees are not over-watered or subjected to drought stress. In some instances, treated trees may set excess fruit and careful attention should be given to thinning operations. In orchards, which have been treated with collar drenches of CropSure Putback 250SC Plant Growth Regulator, fresh soil should be provided to allow tree establishment and growth. Remove treated soil.

When replanting a treated orchard, at least 3 years should elapse since the last application for CropSure Putback 250SC Plant Growth Regulator. When young trees are required to be planted in an established orchard, which have been treated with collar drenches of CropSure Putback 250SC Plant Growth Regulator, remove treated soil and replace with fresh soil. An alternative is to avoid original tree-holes, and place young trees as far as practicable from the treated soil (minimum 1.5m).

### **MIXING**

**Foliar Sprays:** To a clean bucket of water add the required amount of CropSure Putback 250SC Plant Growth Regulator and stir to make a smooth mix. Add slurry to half-filled spray tank of clean water. Add the required amount of non-ionic wetter (1000g/L) and agitate during the completion of filling. Frequent or constant agitation of the spray mixture is recommended. Wash out spray tank after use.

**Collar Drench:** Mix required volume of CropSure Putback 250SC Plant Growth Regulator with recommended volume of water. Periodic agitation may be necessary to prevent settling.

### **APPLICATION**

**Foliar Sprays:** Apply in a sufficient volume of water to ensure penetration of the spray and good coverage of target tissue, new green stem tissue in the case of apples. Apply in minimum volume of 1000L of water per ha. Apply in a sufficient volume of water to ensure penetration of the spray and good coverage of target tissue, new green stem tissue in the case of apples. Apply in minimum volume of 1000L of water per ha. Non-ionic wetter (1000g/L) at 18mL/100L of water must be added to the final spray volume. It is not normally necessary to reapply the spray if rain follows soon after application.

**Collar Drench:** Uptake of CropSure Putback 250SC Plant Growth Regulator is most efficient when it is applied to soil which receives adequate water and where there is a high density of feeder roots.

Apply required amount of CropSure Putback 250SC Plant Growth Regulator in 0.5 to 2L of water per tree onto the soil/trunk crack line evenly around the base of the trunk. Where specific rates per tree are not given, the application rate per tree is determined by dividing the application rate per ha by the number of trees per ha.

The volume of diluted drench required for even application without runoff will vary with the size of the tree and with soil type and moisture content. Use the higher volume on large trees.

Ensure that trees are adequately irrigated following treatment under dry conditions. Individual trees, which are smaller than average should be left untreated or given a proportionally smaller dose of CropSure Putback 250SC Plant Growth Regulator.

**Trickle Point:** Apply in 200-300mL water per tree beneath each trickle or dripper point. Follow application with a short period of irrigation. Alternatively, the required amount of CropSure Putback 250SC Plant Growth Regulator can be applied through the trickle irrigation system. Equal distribution of water between trees is essential for this method to give a uniform effect.

### **RETREATMENT**

In some cases, control of growth may persist for more than one year. Retreat trees when normal growth resumes. Use the interval between the first treatment and the resumption of normal growth as a guide for retreatment in subsequent seasons.

### **COMPATIBILITY**

CropSure Putback 250SC Plant Growth Regulator is compatible with any of the following products: Nimrod, Omite 300 W, Pirimor or Mancozeb (for example CropSure Greenshield 750WG Fungicide). However, mixing CropSure Putback 250SC Plant Growth Regulator with more than any one of these products may give unpredictable results or may result in crop damage. If carbaryl is used as a thinning spray on apples, allow 21 days before application of CropSure Putback 250SC Plant Growth Regulator.

### **PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND THE ENVIRONMENT**

Do not contaminate streams, rivers or waterways with the chemical or used container.

### **STORAGE AND DISPOSAL**

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