

# Accelerate 200 SG

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

FARMALINX

# Accelerate 200 SG

**GROWTH REGULANT**

ACTIVE CONSTITUENT: 200 g/kg GIBBERELIC ACID

*For foliar spray application to certain varieties of grapes, citrus and prunes to promote desirable harvest effects and to stimulate the production of winter-dormant, grass-dominant pastures for high-intensity grazing such as sheep lambing paddocks and dairy pasture as per the Directions for Use.*

**IMPORTANT: THIS LEAFLET IS PART OF THE LABEL ATTACHED TO THE CONTAINER. READ THOROUGHLY BEFORE OPENING OR USING THIS PRODUCT.**

**DIRECTIONS FOR USE**

Apply in water. Note 5 g product per 100 L = 10 ppm

Use with non-ionic wetter.

**RESTRAINTS:**

DO NOT apply when there is insufficient soil moisture to support rapid pasture growth.

DO NOT apply to plants under pest, nutritional or water stress.

DO NOT apply by aircraft to Citrus, Grapes and Prunes.

CROP	RATE PER 100 L WATER	CRITICAL COMMENTS
Citrus		Apply in a minimum volume of 5,000 L/ha to ensure thorough coverage of fruit. DO NOT use where blemish is a problem. For optimum results adjust the spray tank solution to pH 4.0-4.5 (see mixing instructions).
Navel and Valencia oranges	5-10 g	<b>For reduction in Creasing:</b> Prior to applying Accelerate 200 SG, remove all previous season Valencia oranges. Apply Accelerate 200 SG when Navel/Valencia oranges are between 30-50 mm fruit size or golf-ball stage (generally January-February). Rates lower than 10 g: <ul style="list-style-type: none"> <li>• should be used when it is anticipated that fruit will be harvested for early markets</li> <li>• may be used on applications to late navel selections.</li> </ul>
Navel oranges	5 g	To delay rind ageing for late marketing (or those which will be stored for more than 2 weeks prior to sale) and reduce rind blemish and for longer storage life, apply when oranges turn from green to silver (colourbreak). If fruit drop is a problem then apply a stop-drop spray. Accelerate 200 SG is compatible with stop-drop sprays containing 2,4-D sodium salt. Use the 2,4-D at 10 ppm.
Mandarins	5 g	To delay rind ageing for late marketing and reducing rind blemish apply at 3/4 to full colour.
Grapefruit		To delay rind ageing, apply the spray when grapefruit turn from green to silver (colour-break) for grapefruit to be harvested up to mid-November, or apply the spray in mid-June for grapefruit to be harvested in December or January.
Lemons		To delay rind ageing apply the spray 4 to 6 weeks ahead of maturity of fruit.
Grapes		
Currants (dried fruit)	0.5 g + 100 ppm Cycocel	<b>To achieve berry thinning:</b> Apply a single combined application (commonly used in NSW and SA) at 100% capfall. Ensure thorough coverage of bunches.
	100 ppm Cycocel followed by 0.5 g Accelerate 200 SG	<b>To achieve berry thinning:</b> <b>Split Application:</b> (a) Apply Cycocel 7 days after bunch drop. (b) Apply Accelerate 200 SG at 80-100% capfall.
	200 ppm Cycocel followed by 0.5 g Accelerate 200 SG	Use the 200 ppm rate of Accelerate 200 SG on vigorous vines.
	300 ppm Cycocel followed by 0.5 g Accelerate 200 SG	Use the 300 ppm rate of Accelerate 200 SG on excessively vigorous Carina vines only. Ensure thorough coverage of bunches.
Sultanas (dried fruit)	5 g	<b>To achieve berry thinning:</b> Apply when bloom or blossom is at 100% capfall stage (full flowering).
Sultanas (fresh)		Prune according to vigour of the vine – avoid exceeding 8 canes (except in special circumstances) commence thinning late October. Thin branches to leave one bunch per shoot (the largest). DO NOT exceed 30 bunches per vine. Bunch trimming should be carried out before fruit set to reduce the incidence of tight bunches. For adequate coverage of table grapes apply product in a minimum volume of 2250 L/ha directed at the bunch area.
	5 g	<b>To achieve bunch elongation (stretch):</b> Apply when bunches are half to two-thirds of their final length (when bunches are between 10-15 cm in length). This application is usually applied 10-14 days before the first sign of bloom.

CROP	RATE PER 100 L WATER	CRITICAL COMMENTS
Sultanas (fresh)	5 g	<b>To achieve thinning, two separate applications of 5 g within the same season are required:</b> Apply first application of 5 g at 40% cap fall. Apply second application of 5 g at 80% cap fall (usually 2-3 days later).
	5 g	
	15 g	<b>To achieve increase in berry size, two separate applications of 15 g within the same season are required:</b> Apply first application of 15 g when smallest berry size is 4 mm and larger berries up to 6 mm (berry shatter may be incomplete at this size). Apply second application of 15 g 5 to 7 days later. Trim bunches within two weeks of shatter to leave 3 to 4 shoulder sprigs. All spray timing stages should be judged on the top part of the bunch as the bottom is removed at trimming.
	15 g	
Early Madeleine	10 g	<b>To achieve increase in berry size:</b> Apply when berries reach 4 mm in diameter. Excessively vigorous vines should be cinctured 3-5 days before treatment with this product.
Perlette	6 g	<b>To achieve thinning:</b> Apply at 70% cap fall.
	10 g	<b>To achieve increase in berry size: Following the 6 g application for thinning, apply the 10 g application</b> when berries reach 4-5 mm in diameter. Trim bunches as required.
Flame Seedless	5 g	<b>To achieve thinning:</b> Apply at 70% cap fall.
	15 g	<b>To achieve increase in berry size, two separate applications of 15 g within the same season are required:</b> Apply first application of 15 g when berries have reached 7-9 mm in diameter. Apply second application of 15 g when berries have reached 9-10 mm in diameter.
	15 g	
Prunes	5 g	Apply 3 to 4 weeks before normal harvest date (when fruit shows approximately 14% soluble solids) to delay harvest 14 to 17 days. This delayed maturity will result in increased sugar content and hence a higher dryout ratio.
Pasture Winter dormant grass- dominant for high intensity usage	5 - 40 g	<p>To stimulate production of winter dormant, grass- dominant pastures for high intensity grazing such as dairy pasture or sheep lambing paddocks. Stimulation of winter pastures is dose dependant. Higher dose rates give higher stimulation of growth however, too high a dose rate in a given situation may reduce the optimal balance between Total Dry Matter and Total Nutritional Value.</p> <p><b>CAUTIONS:</b></p> <ul style="list-style-type: none"> <li>• Pasture should be at least 1 year old before applying ACCELERATE 200 SG.</li> <li>• Applications in late winter or early spring may lead to suppression of spring growth.</li> </ul> <p><b>Determine local condition based on the following starting dose rates:</b></p> <ul style="list-style-type: none"> <li>• Phalaris dominant pasture – 5 to 20 g/100 L, this grass is highly responsive to ACCELERATE 200 SG.</li> <li>• Perennial ryegrass and annual ryegrass dominant pasture – 20 to 40 g/100 L.</li> </ul> <p><b>Applications – Apply in a minimum of 100 L/ha.</b></p> <ul style="list-style-type: none"> <li>• <b>Single:</b> A single application can be made at any time from the beginning of June to the middle of August.</li> <li>• <b>Multiple:</b> If adopting a rotational grazing strategy, multiple applications can be made every 3 to 4 weeks, with the final application being made no later than the middle of August.</li> </ul> <p><b>Fertilizer</b></p> <ul style="list-style-type: none"> <li>• Ensure there is a sufficient soil fertilizer level to allow for the increase in pasture production.</li> <li>• Addition of a nitrogen based fertilizer such as urea may give added pasture growth.</li> </ul>

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

WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED.

## GENERAL INSTRUCTIONS

For use in pastures a suitable plant nutrition program is recommended with the use of this product to ensure the quality of feed produced, and to safeguard against possible grazing animal health issues.

## FRUIT QUALITY

**Bunch Elongation (Stretch):** This product sprayed onto bunch stems when bunches are half to two-thirds of their final length (usually 10-15 cm) causes them to grow longer than normal and may prevent over-tightness of bunches. This application is usually applied 10-14 days before the first sign of bloom.

**Thinning:** If sprayed on flowers as they are beginning to open this product reduces the number of berries on the bunch, i.e. it has a thinning effect.

**Berry size:** This product increases berry size when applied after the commencement of flowering. The effect is greatest when applied at shatter.

## MIXING

Determine the rate of spray needed for the crop. Prepare a concentrate solution in 1 to 5 L of water with sufficient product for the required vat volume and strength of spray, add solution to water in the spray vat and agitate.

**Citrus only:** Ensure the spray mix is in the pH range of 4.0-6.0, however optimum results occur when the spray mix is in the pH range of 4.0-4.5. Use a portable pH meter or calibrated pH strips to determine the spray mix pH. Sample 2 or 3 times and average the reading. Adjust high pH's with a suitable acidifying solution and recheck the pH after 5 minutes agitation.

**Wetting agent:** Add a maximum of 100 ppm of a non-ionic spreader.

**Citrus only:** If using an adjuvant which includes a spreader, DO NOT add additional spreader.

## PRECAUTIONS

Use all solutions on the day of preparation.

## CROP MANAGEMENT

**(Fresh Sultanas):** Prune according to the vigour of the vine. Avoid exceeding 8 canes except in special circumstances. Commence thinning in late October. Thin bunches to leave one bunch per shoot (the largest). DO NOT exceed 30 bunches per vine. Bunch trimming should be carried out after fruit set to reduce the incidence of tight bunches.

**(Citrus):** To maximize product effectiveness and fruit quality, ensure good penetration of spray by skirting and pruning the inside of trees. Hand thinning of fruit may also be of benefit. Even trees with a history of little creasing may require treatment in "heavy crop" years or with age. Use of Accelerate 200 SG, particularly at higher rates (20 ppm) can delay colouring by 1-2 weeks, early in the season.

## APPLICATION

### (Fresh Sultanas)

Make sure vines are watered prior to application of this product. Apply in cool conditions or at night. Where this product is used for dried fruit production drive-past overall spraying is adequate. For fresh fruit production good results depend on the thorough wetting of bunches and spraying at the correct stage.

**If the bunches are missed they will not react to Accelerate 200 SG.**

**FOR RECOMMENDATIONS FOR OTHER GRAPE VARIETIES CONSULT YOUR LOCAL DEPARTMENT OF AGRICULTURE.**

**(Citrus):** Spray in the cool of the morning or after an irrigation in the afternoon. Avoid product application within 4 weeks of any oil spray as the oil restricts Accelerate 200 SG uptake. Typical water volumes are 5,000 L for small trees, 7,500 L for medium trees and 10,000 L for large trees. For creasing-reduction sprays to be effective, trees must be sprayed to point of runoff.

### **COMPATABILITY**

Accelerate 200 SG can be combined in the spray vat with 2,4-D as a cling spray, as well as with products containing Cycocel, certain insecticide, fungicide or nutritional sprays. Always carry out a small test mix to check compatibility before spraying larger areas. Always check the label instructions for all products used.

### **PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS**

DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

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

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

### **STORAGE AND DISPOSAL**

Store in the closed original container in a cool, well-ventilated area, as cool as possible. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure 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 recycle 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 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulation. Do not burn empty containers or product.

### **SAFETY DIRECTIONS**

Avoid contact with eyes and skin. Wash hands after use.

### **FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126.

### **SDS**

Additional information is listed in the safety data sheet (SDS). A safety data sheet for FARMALINX ACCELERATE 200 SG Growth Regulant is available from FARMALINX Pty Ltd on request. Call Customer Service on 02 9389 2455.

### **NOTICE TO BUYER**

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. No warranty (other than non-excludable statutory warranties) of merchantability or fitness for a particular purpose, express or implied, extends to the use of the product contrary to label instructions, or under off-label permits not endorsed by FARMALINX Pty Ltd or under abnormal conditions. FARMALINX Pty Ltd accepts no liability for any loss or damage arising from incorrect storage, handling or use.

APVMA Approval No.: 69753/106321