

**READ SAFETY DIRECTIONS BEFORE OPENING OR  
USING**

# **ADGIBB**

**GROWTH REGULANT**

**Active Constituent: 100g/L GIBBERELLIC ACID**

**For Foliar Spray Application to Certain Varieties of Grapes, Citrus and Prunes to  
Promote Desirable Harvest Effects as per Directions for Use.**  
IMPORTANT: Read the attached booklet before opening or using.



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## Directions for Use

**RESTRAINTS:** Do NOT apply to plants under pest, nutritional or water stress.

CROP	RATE/ 100L	CRITICAL COMMENTS
<b>CITRUS</b>		Apply in a minimum volume of 5000L/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	10 - 20mL	<b>For reduction in Creasing:</b> Prior to applying ADGIBB, remove all previous season Valencia oranges. Apply ADGIBB when the Navel/Valencia oranges are between 30 - 50mm fruit size or golf ball stage (generally January-February). Rates lower than 20mL - should be used when it is anticipated that the fruit will be harvested for early markets -may be used on applications to late navel selections.
Navel Oranges	10mL	To delay rind ageing for late market (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 green to silver (color-break). If fruit drop is a problem then apply a stop-drop spray. ADGIBB is compatible with stop-drop sprays containing 2,4-D sodium salt. Use the 2,4-D at 10ppm.
Mandarin	10mL	To delay rind ageing for late marketing and reducing rind blemish apply at three-quarters to full color.
Grapefruit		To delay rind ageing, apply the spray when grapefruit turn from green to silver (color-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.
Lemon		To delay rind ageing, apply 4-6 weeks ahead of maturity of fruit.
<b>GRAPES</b>		
Currants - dried fruit	1 mL + 100ppm Cycocel.	<b>To achieve berry thinning:</b> Apply a single, combined application ( <b>commonly used in NSW and SA</b> ) at 100% cap fall. Ensure thorough coverage of bunches.
	100ppm Cycocel followed by 1 mL ADGIBB	<b>To achieve berry thinning:</b> <b>Split Application (commonly used in VIC):</b> a) Apply Cycocel 7 days after bunch droop. b) Apply ADGIBB at 80 - 100% cap fall.
	200ppm Cycocel followed by 1 mL ADGIBB	For excessively vigorous vines
	300ppm Cycocel followed by 1 mL ADGIBB	Use on excessively vigorous Carina vines only. Ensure thorough coverage of bunches.
Sultanas ~dried fruit		<b>To achieve berry thinning:</b> Apply when bloom or blossom is at 100% cap fall stage (full flowering)

CROP	RATE/ 100L	CRITICAL COMMENTS
Sultanas ~ fresh fruit	10mL	Prune according to vigor of the vine- avoid exceeding 8 canes (except in special circumstances). Commence thinning late October. Thin bunches to leave one bunch per shoot (the largest). Do NOT exceed 30 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 2250L/ha directed at the bunch area.
	10mL	<b>To achieve bunch elongation:</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
	10mL	<b>To achieve thinning, two separate applications of 10mL within the same season are required:</b>  Apply first application of 10mL at 40% cap fall.
	10mL	Apply second application of 10mL at 80% cap fall (usually 2-3 days later).
	30mL	<b>To achieve increase in berry size, two separate applications of 30mL within the same season are required:</b>  Apply first application of 30mL when smallest berry size is 4mm and larger berries up to 6mm (berry shatter may be incomplete at this size).
	30mL	Apply second application of 30mL 5 to 7 days later. Trim bunches within two weeks of shatter to leave 3 or 4 shoulder sprigs. All spray timing stages should be judged on the top part of the bunch, as the bottom is removed at trimming.
Early Madeleine	20mL	<b>To achieve increase in berry size:</b> Apply when berries reach 4mm in diameter. Excessively vigorous vines should be cinctured 3 -5 days before treatment with this product.
Perlette	12mL	<b>To achieve thinning:</b> Apply at 70% cap fall.
	20mL	<b>To achieve increase in berry size:</b> Apply when berries reach 4 - 5mm in diameter. Trim bunches as required.
Flame Seedless	10mL	<b>To achieve thinning:</b> Apply at 70% cap fall.
	30mL	<b>To achieve increase in berry size, two separate applications of 30mL within the same season are required:</b>  Apply first application of 30mL when berries have reached 7 - 9mm in diameter.
	30mL	Apply second application of 30mL when berries have reached 9 - 10mm in diameter.
<b>PRUNES</b>	10mL	Apply 3 - 4 weeks before normal harvest date (when fruit shows approximately 14% soluble solids) to delay harvest 14 - 17 days. This delayed maturity will result in increased sugar content and thus higher dry-out ratio.

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

**WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED.**

## General Instructions

### FRUIT QUALITY (GRAPES)

**Bunch Elongation (Stretch):** This product sprayed onto bunch stems when bunches are half to two thirds of their length (usually 10 – 15cm), 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, ie: 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 pHs with suitable acidifying solution and recheck pH after 5 minutes agitation.

### Wetting agent:

Use with a non-ionic wetter. Note: 10mL product per 100L=10ppm.

Citrus only: If using an adjuvant which includes a spreader, do not add additional spreader.

### PRECAUTION:

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 ADGIBB, particularly at higher rates (20ppm) can delay coloring by 1 – 2 weeks, early in the season.

### WA ONLY

This product may be applied in some uses with PCPA. The PCPA is recommended for the setting of currants (dried fruit) but should not be applied to Early Madeleine or sultana grapes. PCPA has been shown to reduce bud fruitfulness with these varieties.

### 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 bunches are missed they will not react to gibberellic acid.**

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 four weeks of any oil spray as the oil restricts GA 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.

## **COMPATIBILITY**

ADGIBB 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, CRUSTACEA 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 (below 32°C), dry well-ventilated area out of direct sunlight and away from foodstuffs and drink containers. 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 bury the empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

## **SAFETY DIRECTIONS:**

Wash hands after use.

## **FIRST AID:**

If poisoning occurs, contact a doctor or the Poisons Information Centre on 13 11 26.

## **MATERIAL SAFETY DATA SHEET:**

Additional information is listed in the Material Safety Data Sheet (MSDS). A material safety data sheet on Gibberellic Acid is available on request.

In a Transport Emergency Dial 000, Police or Fire Brigade.  
Class 3 UN No. 1170 HAZCHEM 2[Y]E Packaging Group II



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