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READ SAFETY DIRECTIONS BEFORE OPENING OR USING



## Festival 100

### PLANT GROWTH REGULATOR

ACTIVE CONSTITUENT: 100 g/L GIBBERELIC ACID

For foliar spray application to certain varieties of Grapes, Citrus and Prunes to promote desirable harvest effects as specified in the Directions for Use.

**IMPORTANT: Read this booklet before use.**

APVMA Approval No: 83226/107762

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**DIRECTIONS FOR USE****RESTRAINT:**

Use with a non-ionic wetter.

Crop	State	Rate/100 L
<b>CITRUS</b>		
Navel Oranges	Qld, NSW, Vic, SA, WA only	10mL + 10 ppm 2,4-D sodium salt
Ellendale Mandarins	Qld, WA only	10 mL
Grapefruit	NSW, WA only	
Lemons		
<b>GRAPES</b>		
Currants – dried fruit	NSW, SA only	1 mL + 100 ppm chlomequat 780
	Vic only	100 ppm chlomequat 780 followed by 1 mL Apparent Festival 100
		200 ppm chlomequat 780 followed by 1 mL Apparent Festival 100
		300 ppm chlomequat 780 followed by 1 mL Apparent Festival 100
Sultanas – dried fruit	NSW, Vic, SA and WA only	10 mL
Sultanas – fresh fruit	NSW, Vic, SA and WA only	10 mL
		10 mL
		10 mL plus 10 mL

**Critical Comments**

Apply in a minimum volume of 5000 L/ha to ensure thorough coverage of fruit.

DO NOT use where blemish is a problem.

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 stage (colour break).

To delay rind ageing for late marketing and reducing rind blemish apply at three-quarters to full colour.

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 mid-June for grapefruit to be harvested in December or January.

To delay rind ageing, apply 4 to 6 weeks ahead of maturity of fruit.

**To achieve berry thinning:**

Apply both chemicals at 100% capfall. Ensure thorough coverage of bunches.

**To achieve berry thinning: Split application**

(a). Apply chlomequat 780 7 days after bunch droop.

(b). Apply Apparent Festival 100 at 80 - 100% capfall.

Use the 200 ppm rate of chlomequat 780 on vigorous vines.

Use the 300 ppm rate of chlomequat 780 on excessively vigorous Carina vines.

Ensure thorough coverage of bunches.

**To achieve berry thinning:**

Apply when bloom or blossom is at 100% capfall stage (full flowering).

Prune according to the vigour 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 bunches per vine. Bunch trimming should be carried out after 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.

**To achieve bunch elongation (stretch):**

Apply 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.

**To achieve thinning, two separate applications of 10 mL within the same season are required:**

Apply first application of 10 mL at 40% capfall.

Apply second application of 10 mL at 80% capfall (usually 2 - 3 days later).

Crop (cont)	State	Rate/100 L	Critical Comments
Sultanas – fresh fruit (cont)	NSW, Vic, SA and WA only	30 mL plus 30 mL	<b>To achieve increase in berry size, two separate applications of 30 mL within the same season are required:</b> Apply first application of 30 mL 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 30 mL at 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.
Early Madeleine	WA only	20 mL	<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		12 mL	<b>To achieve berry thinning:</b> Apply at 70% capfall.
		20 mL	<b>To achieve increase in berry size:</b> Following the 12 mL application for thinning, apply the 20 mL application when berries reach 4 – 5 mm in diameter. Trim bunches as required.
Flame Seedless		10 mL	<b>To achieve berry thinning:</b> Apply at 70% capfall.
		30 mL	<b>To achieve increase in berry size, two separate applications or: 30 mL within the same season is required:</b> Apply first application of 30 mL when berries have reached 7 – 9 mm diameter. Apply second application of 30 mL when berries have reached 9 – 10 mm diameter.
PRUNES	NSW, SA and WA only	10 mL	Apply 3 to 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 a 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

Apply in water.

Note: 10 mL product per 100 L = 10 ppm.

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

#### MIXING

Add this product to spray vat and agitate. Add the non-ionic wetter at label rates. DO NOT allow solution to stand for more than 24 hours.

#### 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.

#### 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 thinning should be carried out after fruit set to reduce the incidence of tight bunches.

## **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 Gibberellic acid (GA).**

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

## **COMPATIBILITY**

Apparent Festival 100 can be combined in the spray vat with 2,4-D as a cling spray, as well as with products containing chlormequat, certain insecticides, fungicides 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 WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

DO NOT contaminate streams, rivers or waterways with this product or used containers.

## **STORAGE AND DISPOSAL**

Store in the closed, original container in a dry, cool, well-ventilated area out of 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 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 regulations. DO NOT burn empty containers or product.

## **SAFETY DIRECTIONS**

Will irritate the eyes and skin. Avoid contact with the eyes and skin. When opening the container, preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length PVC gloves. Wash hands after use. After each day's use wash gloves and contaminated clothing.

## **FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

## **SAFETY DATA SHEET**

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

## **CONDITIONS OF SALE**

The use of Apparent Festival 100 Plant Growth Regulator being beyond the control of the manufacturer, no warranty expressed or implied is given by AIRR Apparent Pty Ltd regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and AIRR Apparent Pty Ltd accepts with no responsibility for any consequences whatsoever resulting from the use of this product.