

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

KENSO AGCARE
LANCE
200 SG

PLANT GROWTH REGULATOR

ACTIVE CONSTITUENT: 200 g/kg GIBBERELLIC ACID

For foliar spray application to certain varieties of Grapes, Citrus and Prunes to promote desirable harvest effects, and to stimulate production of winter dormant grass-dominant, high intensity usage pastures.



Kenso Corporation (M) Sdn Bhd
Level 1, 98 Commercial Road,
Teneriffe QLD 4005
Phone (07) 3216 1188
www.kenso.com.au

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE

CONTENTS: 500 g APVMA Approval No.: 86286/ 124508

KENSO AGCARE LANCE 200 SG
PLANT GROWTH REGULATOR

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-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

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

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

Additional information is listed in the Safety Data Sheet, which can be obtained from www.kenso.com.au.

Batch No.:
Date of Manufacture:

CONDITIONS OF SALE

Kenso Corporation (M) Sdn. Bhd. will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Kenso Corporation (M) Sdn. Bhd. is limited to the replacement of the goods or (at the option of Kenso Corporation (M) Sdn. Bhd.) the refund of the price paid and where possible sufficient part of the goods to enable proper examination being returned to Kenso Corporation (M) Sdn. Bhd. within thirty days of delivery.

In a Transport Emergency
Dial **000**
Police or Fire Brigade



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agcare

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APVMA Approval No.: 86286/124508



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GENERAL INSTRUCTIONS:

FRUIT QUALITY (GRAPES)

Bunch elongation (Stretch): This product, sprayed onto bunch stems when bunches are half to two-thirds of their final 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 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: The product increases berry size when applied after commencement of flowering. The effect is greatest when applied at shatter.

Mixing:

Prepare a concentrate solution in 1 to 5L of water with sufficient products 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 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 a 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 100ppm of a non-ionic spreader.

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

PROTECTION OF LIVESTOCK, WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate wetlands or watercourses with this product or used containers.

STORAGE AND DISPOSAL

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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 maximise 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 management in "heavy crop" years or with age. Lance 200 SG, particularly at higher rates (20ppm) can delay colouring by 1-2 weeks, early in the season.

GRAZING MANAGEMENT

Application of Lance 200 SG should be made when pastures are ready to be rested. Rank pasture should be grazed down prior to application of Lance 200 SG. Remove all animals before applying product. Growth stimulation of pastures is usually seen within 7 days of application and ceases about 3-4 weeks after application. Stock should not be allowed to graze treated pasture for 3-4 weeks to ensure maximum pasture growth. Lance 200 SG mainly stimulates the growth of grasses and will have little effect on the growth of broad leaf pasture species such as clovers or on broad leaf weeds. Pastures treated with Lance 200 SG will grow rapidly with typical yellowing of foliage which reverts back to green after 3-4 weeks growth.

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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.

Citrus: Spray in the cool of the morning or after irrigation in the afternoon. Avoid product application within 4 weeks of any oil spray as oil restricts GA uptake.

Typical water volumes are 5,000L for small trees, 7,500L for medium trees and 10,000L for large trees. For creasing-reduction sprays to be effective, trees must be sprayed to run-off.

COMPATIBILITY

Lance 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.

Precautions:

Use all solutions on the day of preparation.

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.

DIRECTIONS FOR USE

RESTRAINTS:

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

Use with a non-ionic wetter.

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

DO NOT apply with aircraft.

CROP	Rate per 100L	CRITICAL COMMENTS
CITRUS		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 & Valencia Oranges	5 – 10 g	For reduction in Ceasing: Prior to applying Lance 200 SG, remove all previous season Valencia oranges. Apply Lance 200 SG when Navel/Valencia oranges are between 30-50mm fruit size or golf-ball stage (generally January-February). Rates lower than 10g: <ul style="list-style-type: none"> Should be used when it is anticipated that fruit will be harvested for early markets. May be used on application to late navel selections.
Navel Oranges	5 g	To delay rind aging 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. Lance 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 aging for late marketing and reducing rind blemish apply at three-quarters to full colour.
Grapefruit		To delay rind aging, apply the spray when grapefruit turn from green to silver (colourbreak) for grapefruit to be harvested up to mid-November, or apply the spray mid-June for grapefruit to be harvested in December or January.
Lemons		To delay rind aging, apply 4-6 weeks ahead of maturity of fruit.
GRAPES		
Currants – dried fruit	0.5g + 100ppm Cycocel	To achieve berry thinning: Apply single, combined application (commonly used in NSW and SA) at 100% capfall. Ensure thorough coverage of bunches.
	100 ppm Cycocel followed by 0.5g Lance 200 SG	To achieve berry thinning: Split application (commonly used in Vic): (a). Apply Cycocel 7 days after bunch droop. (b). Apply Lance 200 SG at 80-100% capfall.
	200 ppm Cycocel followed by 0.5g Lance 200 SG	Use the 200ppm rate of Cycocel on vigorous vines.
	300 ppm followed by 0.5g Lance 200 SG	Use the 300 ppm rate of Cycocel on excessively vigorous Carina vines only. Ensure thorough coverage of bunches.
Sultanas – dried fruit	5 g	To achieve berry thinning: Apply when bloom or blossom is at 100% capfall stage (full flowering).
Sultanas – fresh fruit		Prune according to 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 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	To achieve bunch elongation (stretch): Apply when bunches are half to two-thirds of their final length (when bunches are between 10-15cm in length). This application is usually applied 10-14 days before the first sight of bloom.

CROP	Rate per 100L	CRITICAL COMMENTS
Sultanas – fresh fruit	5 g	To achieve thinning, two separate applications of 5g within the same season are required: Apply first application of 5g at 40% capfall. Apply second application of 5g at 80% capfall (usually 2-3 days later).
	5 g	
	15 g	To achieve increase in berry size, two separate applications of 15g within the same season are required: Apply first application of 15g when smallest berry size is 4mm and larger berries up to 6mm (berry shatter may be incomplete at this size). Apply second application of 15g 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	10 g	To achieve increase in berry size: Apply when berries reach 4mm in diameter. Excessively vigorous vines should be cinctured 3-5 days before treatment with this product.
Perlette	6 g	To achieve thinning: Apply at 70% capfall.
	10 g	To achieve increase in berry size: Following the 6g application for thinning, apply the 120g application when berries reach 4-5mm in diameter. Trim bunches as required.
Flame Seedless	5 g	To achieve thinning: Apply at 70% capfall.
	15 g	To achieve increase in berry size, two separate applications of 15g within the same season are required: Apply first application of 15g when berries have reached 7-9mm in diameter. Apply second application of 15g when berries have reached 9-10mm in diameter.
	15 g	
PRUNES	5 g	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 dry-out ratio.
PASTURE (Winter dormant grass-dominant, high intensity usage)	5 to 40 g	To stimulate production of winter dormant grass-dominant pastures for high intensity grazing. Stimulation of winter pastures is dose dependent with higher dose rates giving greater stimulation of growth. As a starting point, lower rates of 5 to 20 g/100 L may be used on pastures dominant in phalaris as this grass is highly responsive to Lance 200 SG. Higher rates of 10 to 40 g/100 L may be needed on pastures dominant in perennial ryegrass, annual ryegrass or cocksfoot. A single application can be made at any time from the beginning of June until early September. Multiple applications can be made every 3 to 4 weeks with the final application no later than early September. Ensure pasture is grazed before application. However, Lance 200 SG is foliar absorbed so ensure that pasture has adequate leaf coverage prior to application. Growth stimulation is usually seen within 7 days of application and ceases around 3 to 4 weeks after application. Responsive grasses usually become yellow-green in colour as the rapid growth occurs. The pasture returns to a normal darker green after about 3 weeks. Animals should be returned to the pasture no later than 4 weeks after application to ensure pasture does not become rank. Pastures should be a least 1 year old prior to Lance 200 SG application. Ensure that soil moisture is sufficient to support rapid plant growth and that soil fertilizer levels are sufficient to allow for the increase in pasture production.

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.