

WARNING

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

LANCE 800 SG

PLANT GROWTH REGULATOR

ACTIVE CONSTITUENT: 800 g/kg GIBBERELIC ACID in the form of water soluble granule.

For foliar spray that stimulates production of dry matter in pasture; and to increase cherry firmness and quality and to provide inhibition of flowering of Satsuma mandarins.



NET CONTENTS: 500 g

Registered pursuant of ACVM Act 1997, Approval No. P009808
See www.foodsafety.govt.nz for registration conditions
Approved pursuant to HSNO Act 1996, Approval No. HSR000747
See www.epa.govt.nz for approval conditions

Registrant:
Kenso Corporation (M) Sdn Bhd
Lot 29, Jalan Sungai Pinang 5/4, Taman Perindustrian
Pulau Indah, 42920 Pelabuhan Klang, Selangor, Malaysia.

NZ Agent:
Kenso NZ Limited
2 Bond Crescent, Forrest Hill, Auckland 0620 New Zealand.
Ph: 0800 536 766

LANCE 800 SG PLANT GROWTH REGULATOR

This product must not be used for any purpose or in any manner, contrary to this label unless authorize under appropriate legislation.

HAZARD CLASSIFICATION

Eye irritation Category 2, Designed for biocidal action

STORAGE

Keep out of reach of children. Store in the closed, original container in a cool, dry, well-ventilated area.

SPILLAGE

Wear appropriate protective clothing. Sweep up solids without creating dust. Absorb liquid spills with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely in an approved waste receival facility.

DISPOSAL

Triple rinse empty container and add residue to spray tank. Recycle empty container through Agrecovery (0800 247 326, www.agrecovery.co.nz). Otherwise, submit empty containers to a local authority approved waste receival facility. I. DO NOT reuse this container for any other purpose.

PERSONAL PROTECTION

Avoid contact with skin and eyes. Wear waterproof gloves and eye protection when handling the concentrate or if eye/skin contact of diluted spray mix is likely.

FIRST AID

If swallowed do NOT induce vomiting. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If splashed in eyes, wash out immediately with water, if irritation persist get medical advice. If inhaled move the victim to fresh air immediately.

Batch No.:
Date of Manufacture:

SAFETY DATA SHEET

A Safety Data Sheet is available from the Kenso NZ website: www.kenso.co.nz

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.



EMERGENCY RESPONSE
Ring 0800 CHEMCALL, or
0800 243 622 (24 hours)

Product of China



9 421028 661331



WARNING

READ THE LABEL COMPLETELY BEFORE MIXING OR APPLYING

LANCE 800 SG

PLANT GROWTH REGULATOR

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in the form of a water soluble granule.**

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DIRECTIONS FOR USE

CROP	Use	RATE	CRITICAL COMMENTS
Pasture	To stimulate dry matter production under rotational grazing when cool soil temperatures limit natural pasture growth rates.	10 g/ha plus non-ionic surfactant at label rates	<p>Pastures should be well established (4-6 months old and fully tillered) prior to a Lance 800 SG Plant Growth Regulator application (e.g., autumn sown pasture can be treated the following spring). Apply to ryegrass based pastures within 5 days after grazing.</p> <p>Apply in 100-200 L water/ha.</p> <p>One or more applications can be made in all pasture grazing systems from autumn to spring.</p> <p>Moisture levels and soil fertility must be adequate for grass growth prior to application.</p> <p>A repeat application, applied as an adjunct to a rotational grazing strategy, may be applied three to four weeks after the first application. Where consecutive applications are applied to the same paddock fertility, particularly nitrogen, must be maintained at adequate levels to sustain the extra production and to realise the full benefit of Lance 800 SG Plant Growth Regulator.</p> <p>Lance 800 SG Plant Growth Regulator is not a substitute for adequate fertiliser.</p> <p>Lance 800 SG Plant Growth Regulator should normally be applied alone. Contact your agronomy adviser for further advice.</p> <p>Do not exceed 6 applications/hectare/year.</p> <p>Do not apply Lance 800 SG Plant Growth Regulator to pastures containing toxic weeds (e.g., ragwort or hemlock) as these are likely to become more palatable and may be grazed more readily.</p>
Cherries	Increase cherry firmness and quality	1.25g/100L plus non-ionic surfactant at label rates	<p>Apply approximately three weeks prior to expected harvest date, when the cherries are straw coloured.</p> <p>Use high water rates to obtain thorough coverage of the crop (1,500 to 2,000 L/ha) in high volume sprays.</p> <p>Apply during cool conditions or in the evening.</p> <p>Do NOT apply to trees under water stress.</p>
Citrus	Inhibition of flowering of Satsuma Mandarins		<p>Apply as a dilute spray in mid-June. Ensure complete wetting of the buds at the base of each leaf.</p> <p>The use of a non-ionic surfactant will improve coverage and efficacy but may increase the risk of fruit marking and downgrading where fruit is still present on the trees.</p>
	(a) to prevent cropping on young trees (1 to 2 years old)	6.25 g/100L plus non-ionic surfactant at label rates	Do NOT use organosilicone surfactants as these can cause overthinning and phytotoxicity.
	(b) to reduce flowering and subsequent hand thinning on cropping trees (3 years and over)	3.125 g/100L in 2,000 to 3,000 L water/ha plus non-ionic surfactant at label rates.	Commence with Lance 800 SG Plant Growth Regulator in a season of light crop. Do not treat trees in a heavy crop year.
	To improve rind strength and quality but delay fruit colour and harvest date of mandarins, lemons and navel oranges	1.25 g/100L in 2,000 to 3,000 L water/ha	Apply during February or March. Unless a reduction in flowering is desired, do not apply later than the end of March.
Other uses			Lance 800 SG Plant Growth Regulator is known to be effective in many other applications. At rates from 1.25g to 12.5g/100L it has resulted in stem elongation, breaking of seed dormancy, earlier flowering and setting of fruit under adverse weather conditions, when applied to a wide range of annual and perennial crops and ornamental plants, (e.g., Seedless grapes and Zantedeschia lilies).

GENERAL INFORMATION

The gibberellins contained in Lance 800 SG Plant Growth Regulator consist of naturally occurring plant growth regulators. For optimum results apply under slow drying conditions which favour absorption, and ensure all parts of the pasture, tree or crop are covered. Water pH should be slightly acidic to neutral, and always below pH 8.5. Do not apply Lance 800 SG Plant Growth Regulator to plants under stress. Re-apply Lance 800 SG Plant Growth Regulator if significant rainfall occurs within 2 hours of spraying.

CROP MANAGEMENT

Cherries

To increase cherry firmness and quality apply approximately three weeks prior to expected harvest date, when the cherries are straw coloured. Apply 1.25 g per 100 litres of water plus non-ionic surfactant at label rates. Use high water rates to obtain thorough coverage of the

crop (1,500 to 2,000 litres/ha) in high volume sprays. Apply to trees during cool conditions or in the evening. Do not apply to trees under water stress.

Citrus

To inhibit flowering of Satsuma mandarins.

Apply a dilute spray of Lance 800 SG Plant Growth Regulator in mid-June. Ensure complete wetting of the buds at the base of each leaf. The use of a non-ionic surfactant will improve coverage and efficacy but may increase the risk of fruit marking and downgrading where fruit is still present on the trees. Organosilicone surfactants are not recommended as these can cause over-thinning and phytotoxicity.

i. To prevent cropping on young trees (1-2 years old) apply 6.25 g per 100 litres of water in 1,000 litres water/ha, plus non-ionic surfactant at label rates.

ii. To reduce flowering and subsequent hand thinning on cropping trees (3 years and over), apply 3.125 g per 100 litres of water in 2,000 to 3,000 litres water/ha, plus non-ionic surfactant at label rates. Commence with Lance 800 SG Plant Growth Regulator in a season of light crop. Do not treat trees in a heavy crop year.

To improve rind strength and quality but delay fruit colour and harvest date of mandarins, lemons and navel oranges.

Apply 1.25 g per 100 litres of water in 2,000 to 3,000 litres water/ha during February or March. Unless a reduction in flowering is desired, do not apply later than the end of March.

GRAZING MANAGEMENT Pastures

When applied correctly, Lance 800 SG Plant Growth Regulator will rapidly increase pasture growth over a 3 to 4 week period. Lance 800 SG Plant Growth Regulator is particularly suited from autumn to spring when pasture growth is insufficient to meet feed demand. The level of response to Lance 800 SG Plant Growth Regulator applications generally increases as soil temperatures rise in spring and decreases as soil temperatures fall in autumn/early winter.

The use of Lance 800 SG Plant Growth Regulator is ideally suited to rotationally grazed pastures. Lance 800 SG Plant Growth Regulator should be applied to pastures within 5 days following grazing. There must be some green leaf present for uptake. Growth stimulation is usually seen within 7 days of application and ceases around 3 to 4 weeks after application. Ideally perennial pastures should be grazed 3 to 4 weeks after application to ensure that the extra production is utilised. Earlier grazing will result in less dry matter production. However, if pasture is likely to become rank, stock may be reintroduced sooner.

Annual ryegrass responds more rapidly and may require grazing 2-3 weeks after treatment to maximise the benefit.

Applications made more than 5 days after grazing will likely result in a lower growth response. Do not apply Lance 800 SG Plant Growth Regulator to ungrazed pasture or to paddocks containing livestock. The response to Lance 800 SG Plant Growth Regulator on rank pastures will be minimal and they should be grazed prior to application.

For maximising growth response with Lance 800 SG Plant Growth Regulator on set-stocked pastures, remove stock prior to application and keep off for approximately 3 to 4 weeks.

Clovers and weeds also respond to Lance 800 SG Plant Growth Regulator application.

Lance 800 SG Plant Growth Regulator application to pastures containing high populations of weeds that may cause milk taint should be avoided.

Pasture grass may appear more yellowish after Lance 800 SG Plant Growth Regulator applications due to growth stimulation, but this does not affect pasture quality and is transient if soil fertility levels are sufficient to support pasture development.

MIXING

Fill tank to half the required volume, turn on agitation and add the measured amount of Lance 800 SG Plant Growth Regulator. Continue to agitate while completing filling. If using a non-ionic surfactant, add this last.

Precautions

Use all solutions on the day of preparation.