

Adria Crop Protection Solutions

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Lustre® 120SC

Controls pests in fruit, vines, vegetables
and fodder brassicas.



Active Ingredient: 120g/litre spinosad
Chemical Group: GROUP 5 INSECTICIDE
Formulation: Suspension concentrate (SC)
Pack Size: 5L

- ✓ Highly effective against Lepidoptera spp.
- ✓ IPM friendly.
- ✓ High degree of environmental and user safety.
- ✓ Effectively controls Diamondback moth, White butterfly, Tomato fruitworm and Potato tuber moth.
- ✓ Unique mode of action and important resistance management tool.

About Lustre® 120SC

Lustre® 120SC enters the insect primarily through contact and ingestion. Contact occurs by direct application or by insect movement on a treated surface. Ingestion occurs from feeding on treated surfaces. Following entry, Lustre® 120SC acts on a unique neuro-receptor site of the insect. Symptoms appear almost immediately and complete mortality occurs within a few hours. Lustre® 120SC is not systemic but does have translaminar activity.



APPLICATION: Lustre 120SC can be applied with conventional spraying equipment. Application shall be limited to ground-based application only. Must not be applied when wind speeds are less than 3km/hr or more than 20km/ha as measured at the application site. Flush equipment thoroughly with clean water after use.

BOOM SPRAYING: Use a minimum 200 L/ha water applied as a medium quality spray as defined by the British Crop Protection Council (BCPC) system or the American Society of Agricultural Engineers (ASAE - S572).

IMPORTANT: In order to select the appropriate nozzles for the required spray quality and to operate the equipment to minimize spray drift, this product must be applied in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS 8409).

MIXING: Pour the required quantity of Lustre 120SC into the partly filled spray tank and then add the remainder of the water, agitating thoroughly during filling. Agitate thoroughly during spraying and before spraying after a stoppage.

RAINFASTNESS: Avoid applications when rain is expected within 6 hours of spraying.

Resistance to this product may develop from excessive use. To minimise this risk use strictly in accordance with label instructions. Lustre 120SC has a unique mode of action and controls pests that may be resistant to other insecticides. To help prevent the development of resistance DO NOT apply more than 4 applications of Lustre 120SC to any crop in any one season. Use insecticides from alternative chemical groups if more than 4 applications are required.

BRASSICAS: To minimise the development of insect resistance, refer to the Diamondback Moth Resistance Management Strategy for the appropriate application timing window.

POTATOES: To minimise the development of resistance, DO NOT apply more than 4 applications in any one season. DO NOT use Lustre 120SC exclusively all season.

COMPATIBILITY: Lustre 120SC is compatible with most other commonly used pesticides including lime sulphur. DO NOT use other adjuvants with Lustre 120SC unless proven to be safe.

POLLINATORS: When applied during non-foraging periods Lustre 120SC will not interfere with the activity of honey bees once the spray has dried. At least 3 hours drying time should occur before bee foraging is expected. At times when bees aggregate in large numbers outside the hive, ensure they are not directly contacted by the spray.

IT IS AN OFFENCE for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.

WITHHOLDING PERIODS:

Avocados, Vegetable Brassicas and Tomatoes: 3 days.

Citrus: 14 days

Grapes: 42 days

Potatoes: 7 days

Note: Refer to export industry withholding period charts for export produce.

GRAZING RESTRICTION:

ORCHARDS: DO NOT graze.

FODDER BRASSICAS: DO NOT allow livestock to graze treated crop or foliage for 7 days after application.

VINEYARDS: DO NOT graze stock other than sheep in vineyards which have been treated with Lustre 120SC. Sheep may be grazed in vineyards for the purpose of leaf plucking providing they are not slaughtered for 2 months after leaving the vineyard.

IT IS AN OFFENCE TO USE THIS PRODUCT ON ANIMALS.

DIRECTIONS FOR USE: Lustre 120SC controls certain pests in avocados, citrus, grapes, potatoes, vegetable brassicas, fodder brassicas and field tomatoes. It works by both contact and ingestion activity. Exposed larvae stop feeding immediately but can take up to 3 days to die.

Crop	Pest	Use Rate	Critical Comments
Avocados	Leafroller	40ml/100L as a dilute spray	Apply at 21 day intervals as part of an IPM programme or when the pest threshold is reached. Ensure thorough coverage.
Fodder Brassicas	Diamondback moth, White butterfly	400ml/ha	Always apply in mixture with Uptake Spraying Oil. Ensure thorough coverage of the target foliage. Repeat application as necessary.
Vegetable Brassicas	Diamondback moth, White butterfly	400ml/ha plus a non-ionic wetting agent at label rate	Closely monitor pest populations and time sprays to coincide with egg hatch. Repeat applications at 7-10 day intervals as new infestations occur. Use a minimum spray volume of 250 L/ha water. Ensure thorough coverage of the target area by increasing water volume with crop growth stage.
Citrus	Kelly's Citrus Thrips	40ml/100L as a dilute spray	Add Latron B-1956 at 40mL/100 litres of spray mix. Apply at 100% petal fall with up to three further sprays at two week intervals depending on larval appearance. Ensure thorough coverage.
Field Tomatoes	Tomato fruitworm	400ml/ha plus a non-ionic wetting agent at label rate	Closely monitor pest populations and time sprays to coincide with egg hatch. Repeat applications at 7-10 day intervals as new infestations occur. Use a minimum spray volume of 250 L/ha water. Ensure thorough coverage of the target area by increasing water volume with crop growth stage.
Grapes	Leafroller	40ml/100L plus a non-ionic wetting agent at label rate, as a dilute spray	Apply at capfall and again at pre-bunch closure when pest thresholds are reached. Ensure thorough coverage.
Potatoes	Potato tuber moth	400ml/ha plus a non-ionic wetting agent at label rate	Only target foliar infestations of tuber moth. Potato tuber moth larvae in tubers or below the soil surface will not be controlled. Carefully monitor crops for eggs and larvae by regular field scouting. Target sprays at first sign of larvae in foliage. Repeat applications at 14-21 day intervals as new infestations occur. Use a minimum spray volume of 500 L/ha water. Adequate soil moisture as well as covering exposed tubers with soil will assist in reducing infestation of Potato tuber moth in tubers.

RESISTANCE MANAGEMENT: Lustre 120SC is a spinosyn insecticide (Group 5). Some naturally occurring individual insects may become resistant when excessive use of the same insecticide occurs. To maximize the effectiveness of insecticides, products containing alternate modes of action should be used in the spray program. Read the label below and consult <http://resistance.nzpps.org/> for alternate modes of action and the details of resistance management strategies (if any) for the crops listed on the label.