

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



Curatol 120 SC

INSECTICIDE

ACTIVE CONSTITUENT: 120 g/L SPINOSAD

GROUP	5	INSECTICIDE
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For the control of Argentine Stem Weevil in Bentgrass.

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USING THIS PRODUCT.



Indigo Specialty Products Pty Ltd

ABN 15 631 459 660
3/49 Donaldson Road,
Rocklea QLD 4106
Ph: 0491 201 694

Contents
5 L



Curatol 120 SC

INSECTICIDE

STORAGE AND DISPOSAL

KEEP OUT OF REACH OF CHILDREN

Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight.

The container can be recycled if it is clean, dry, free of visible residues and has the **drumMUSTER** logo visible. Triple-rinse container for disposal. Dispose of rinsate or any undiluted chemical according to state legislative requirements. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any **drumMUSTER** collection or similar container management program site. The cap should not be replaced, but may be taken separately. 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.

For refillable containers: Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

May irritate the eyes. Avoid contact with eyes. Wash hands after use.

FIRST AID

First aid is not generally required. If in doubt, contact a Poisons Information Centre (phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor.

SDS

Additional information is listed in the safety data sheet (SDS). A safety data sheet for ProForce CURATOL 120 SC Insecticide is available from Indigo Specialty Products Pty Ltd on request.

CONDITIONS OF SALE:

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. No warranty (other than non-excludable statutory warranties) of merchantability or fitness for a particular purpose, express or implied, extends to the use of product contrary to label instructions, or under off-label permits not endorsed by Indigo Specialty Products Pty Ltd or under abnormal conditions. Indigo Specialty Products Pty Ltd accepts no liability for any loss or damage arising from incorrect storage, handling or use.



LIFT
HERE

	IN A TRANSPORT EMERGENCY DIAL 000 POLICE OR FIRE BRIGADE
	SPECIALIST ADVICE IN AN EMERGENCY ONLY 0417 653 654 ALL HOURS – AUSTRALIA WIDE



5L

Batch No.

Date of
Manufacture

APVMA Approval No.: 93107/149339



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Curatol 120 SC

DIRECTIONS FOR USE
RESTRAINTS

DO NOT apply if heavy rains or storms are forecast within 3 days.
DO NOT irrigate to the point of water runoff from the treatment area for at least 3 days after application.

SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at apvma.gov.au/spraydrift.
DO NOT allow bystanders to come into contact with the spray cloud.
DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. The buffer zones in the relevant buffer zone table/s below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.
DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.
DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

DO NOT apply by a boom sprayer unless the following requirements are met:
- spray droplets not smaller than a COARSE spray droplet size category

- minimum distances between the application site and downwind sensitive areas (see 'Mandatory downwind buffer zones' section of the following table titled 'Buffer zones for boom sprayers') are observed.

Buffer zones for boom sprayers

Application rate	Boom height above the target canopy	Mandatory downwind buffer zones (metres)				
		Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
Up to maximum label rate	0.5 m or lower	0	0	110	0	0
	1.0 m or lower	0	15	400	0	10

Situation	Pest	Rate	Critical Comments
Bentgrass (including Golf Courses, Sports Fields, and other sport and recreational Bentgrass areas)	Argentine Stem Weevil (<i>Listronotus bonariensis</i>)	4 L/ha	See Insect Monitoring in the General Instructions. Spray when peak adult numbers are observed, when larvae are first detected in clippings or first visual symptoms appear typically around late September to January. Early application is essential to minimise damage to turf due to feeding. Apply up to three applications of ProForce CURATOL 120 SC per season. ProForce CURATOL 120 SC has not been tested on all turf species.

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

WITHHOLDING PERIODS
DO NOT GRAZE TREATED LAWN OR FEED LAWN CLIPPINGS FROM ANY TREATED AREA TO POULTRY OR LIVESTOCK

GENERAL INSTRUCTIONS
ProForce CURATOL 120 SC is formulated as a suspension concentrate that is suitable for application in water by ground rig or knapsack. It has a unique mode of action and controls insect pests that are resistant to conventional insecticides. The active constituent is derived from the fermentation of a naturally occurring micro-organism. It has low toxicity to mammals, birds, fish, crustacea and many predatory insect species. ProForce CURATOL 120 SC may be used in integrated pest management (IPM) and conventional insect control programs. ProForce CURATOL 120 SC works by both contact and ingestion. Exposed insects stop feeding almost immediately but may take up to three (3) days to die.

MIXING
Agitate or shake the container immediately prior to use. Half fill the spray tank with water, add the appropriate amount of accurately measured ProForce CURATOL 120 SC, then complete filling the tank. Ensure thorough agitation by mechanical or hydraulic action at all times during mixing and application. Use only clean water within the range pH 5-9 to dilute ProForce CURATOL 120 SC.

STORAGE OF DILUTED SPRAY MIX Whenever possible the spray mix should be used immediately after it is prepared. However, if weather conditions or mechanical breakdown prevent immediate use, the spray mix

may be stored for up to 72 hours without loss of activity. The spray mix should be agitated thoroughly by mechanical or hydraulic action at regular intervals during storage to prevent sedimentation. Ensure that the stored spray mix is thoroughly agitated at least once every eight (8) hours. The spray mix must be stored out of direct sunlight.

APPLICATION

Apply by ground boom sprayer, low pressure hand wand or hand gun sprayer. To be effective ProForce CURATOL 120 SC requires thorough spray coverage. Ensure that equipment is properly calibrated to give an even distribution at the correct volume. Application volume should be adequate to ensure thorough and even coverage of turf leaves with penetration into the crowns. Total application volume should be 400 to 800 L/ha. Use coarse droplets (e.g. Air Induction flat fan 025 to 04 nozzles). In higher cut Bentgrass (> 15 mm) a significant spray shielding effect can occur, impacting negatively on spray penetration and even coverage at low application volumes.

INSECTICIDE RESISTANCE WARNING

For insecticide resistance management ProForce CURATOL 120 SC Insecticide is a Group 5 insecticide. Some naturally occurring insect biotypes resistant to ProForce CURATOL 120 SC and other Group 5 insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if ProForce CURATOL 120 SC or other Group 5 insecticides are used repeatedly. The effectiveness of ProForce CURATOL 120 SC on resistant individuals could be significantly reduced. Since the occurrence of resistant insects is difficult to detect prior to use, Indigo Specialty Products Pty Ltd accepts no liability for any losses that may result from the failure of ProForce CURATOL 120 SC to control resistant insects.

GROUP 5 INSECTICIDE

RE-ENTRY PERIOD

Do not allow entry to treated areas until the product has dried.

PROTECTION OF HONEY BEES AND OTHER INSECT POLLINATORS

Highly toxic to bees. DO NOT spray while bees are actively foraging. DO NOT allow spray drift to flowering weeds in the vicinity of the treatment area. Before spraying, notify beekeepers to move hives to a safe location with an untreated source of nectar and pollen, if there is potential for managed hives to be affected by the spray or spray drift. Risk to bees is reduced by spraying in early morning and late evening while bees are not foraging.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers.

INTEGRATED PEST MANAGEMENT

Toxic to beneficial arthropods. Minimise spray drift to reduce harmful effects on beneficial arthropods outside the treatment area.

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