DANGER

KEEP OUT OF REACH OF CHILDREN

READ SAFTEY DIRECTIONS BEFORE OPENING OR USING

eNCAPS®

CyHELLA®

260219 v.2

INSECTICIDE

Contains: 250 g/litre lambda-cyhalothrin in the form of a capsule suspension

For insect control in Amenity Turf, Beans, Cereals, Citrus, Grapes, Field Tomatoes, Forage and Vegetable or Horticultural Brassicas, Fodder Beet*, Forage Herbs*, Kumara, Maize*,Onions, Ornamentals, Potatoes, Plantain*, Plantain & Plantain/Clover Swards, Pumpkins*,Sugar Beet*, Sweetcorn*, Winter Squash*,White Clover Seed Crops and Public Health situations. (*Seedlings only)

NZ Trialled Developed Manufactured

arxada

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Approved pursuant to the HSNO Act 1996, No: HSR000336. See www.epa.govt.nz for approval controls.
Registered pursuant to the ACVM Act 1997, No. P007641. See www.foodsafety.co.nz for registration conditions.

GHS CLASSIFICATION	HAZARD STATEMENT
Acute oral toxicity Cat. 3	Toxic if swallowed.
Acute inhalation toxicity Cat. 4	Harmful if inhaled.
Eye irritation Cat. 2	Causes serious eye irritation.
Carcinogenicity Cat. 2	Suspected of causing cancer
Reproductive toxicity Cat. 2	Suspected of damaging fertility or the unborn child
Specific target organ toxicity (repeated exposure) Cat. 1	Causes damage to organs through prolonged or repeated exposure
Hazardous to terrestrial vertebrates	Hazardous to terrestrial vertebrates.
Hazardous to terrestrial invertebrates	Hazardous to terrestrial invertebrates.
Hazardous to the aquatic environment acute & chronic Cat. 1	Very toxic to aquatic life with long lasting effects.

FIRST AID: IF EXPOSED or concerned: Get medical advice/attention.
IF SWALLOWED: Immediately call the National Poisons Centre 0800 POISON (0800 764 766) or a doctor/physician/first aider. Rinse mouth. Do not induce vomiting.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call the National Poison Centre or a doctor/physician/first aider/if you feel unwell.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
OTHER HAZARD STATEMENT: May cause temporary itching, tingling, burning or numbness of exposed skin, called paraesthesia. Pay special attention to the wearing of personal protection equipment and washing of any exposed skin after handling.
PERSONAL PROTECTION: Wash all exposed external body areas thoroughly after handling. Do not eat, drink or smoke while using this product. Do not breathe mist/vapours/spray. Use only in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.
STORAGE: Store locked up. Store in original container, tightly closed and in a dry, cool area away from foodstuffs. Store in accordance with NZS 8409 Management of Agrichemicals.
DISPOSAL: Avoid contamination of any water supply with product or empty container. Triple rinse empty container placing rinse water in the spray tank. If recycling, discard cap and deliver clean container to an Agrecovery depot or crush and bury in an approved landfill. Dispose of product only by using according to this label, or at an approved landfill or disposal facility.
SPILLAGE: Wear appropriate protective clothing. Exclude all bystanders from the vicinity of the spill and prevent material from entering waterways. Contain liquid spills and absorb 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 landfill.
SAFETY DATA SHEET: Additional information is listed in the Safety Data Sheet available from Arxada NZ Limited or www.arxada.co.nz
QUALIFICATION REQUIREMENTS: Persons mixing, loading, applying, or otherwise handling CYHELLA must meet qualification requirements set out in the EPA Hazardous Substances (Hazardous Property Controls) Notice 2017.

PLEASE READ ENTIRE LABEL BEFORE MIXING OR USE. SHAKE WELL BEFORE USE

GENERAL INFORMATION: CYHELLA is a fast acting stomach and contact insecticide. CYHELLA is relatively stable to degradation in sunlight and hence gives extended control of insects on plant surfaces. It has short persistence in the soil. As CYHELLA is primarily a contact insecticide, thorough coverage of plants is important for optimum results.
Pollinators: When applied during non-foraging periods such as early morning or evening, application will not interfere with the activity of honey bees once the spray has dried, other than causing a short 2-3 day reduced foraging effect.
DIRECTIONS FOR USE: The rates suggested are for high volume spraying to run-off. For concentrate spraying, adjust dilution rate accordingly.
It is an offence to use this product on animals.

SITUATION	PEST	RATES	CRITICAL COMMENTS
Beans	Tomato fruitworm	40 ml/ha in at least 500 litres of water/ha	Apply when insects first appear and if necessary 2 to 3 weeks later.
Beans, Forage and Vegetable, Brassicas, Kumara, Maize*, Onions, Tomatoes Sweetcorn*, Pumpkins*, Winter squash*, Fodderbeet*, Sugar beet*, Forage Herbs* Plantain* ***For use on seedlings only**	Cutworm	40 ml/ha in at least 300 litres of water/ha. Aerial: Use 100 to 150 litres of water/ha	Apply immediately as damage occurs, preferably in the evening as a directed spray to thoroughly cover the base of the plants and the surrounding soil.
Cereals	Cereal aphid, Rose grain aphid	20 to 40 ml/ha in at least 200 litres of water/ha	Apply at first sign of aphids. Apply the lower rate when aphid pressure is low and shorter residual activity is required. A second application may be needed if aphids continue to migrate into the crop. Ensure sufficient water volume is used to give thorough crop penetration and coverage.
Citrus	Fullers rose weevil	300 ml/100 litres as a directed trunk spray	Apply sufficient spray to form a complete band around the trunk from the base to 30cm high, using up to 300 ml/trunk. Apply at monthly intervals, using directed spray equipment. Commence prior to adult weevil emergence from ground and continue over duration of pest activity, usually December to June unless otherwise ascertained by monitoring. Ensure trees are well skirted up and tree rows are free of weeds to assist in control.
Field Tomatoes	Tomato fruitworm	40 ml/ha in at least 1000 litres of water/ha	Apply at three week intervals from transplanting or thinning.
Forage & Horticultural Brassicas	Diamondback moth, White butterfly caterpillars	40 ml/ha in at least 700 litres of water/ha	Apply to seedbeds and following transplanting at two week intervals or as indicated by pest activity.
Grapes	Thrips	4 ml/100 litres	Apply at early flowering. Apply in sufficient water to achieve good coverage of flower clusters. **Note:** Rates are for high volume to the point of runoff. For water rates less than this adjust concentration to apply the per ha rate that would have been applied via high volume methods.
	Bronze beetle, Grass grub beetle	4 ml/100 litres	Apply at dusk, when beetle flights begin. Apply in sufficient water to achieve good coverage. Repeat after 14 days if flights are still continuing.
Kumara	Adult Black Beetle, Adult White Fringed Weevil, Caterpillars (eg Tropical Armyworm)	40 ml/ha in a minimum of 500L water/ha	Apply at first sighting of pests, then at 2 weeks intervals based on pest activity. Maintain adequate soil moisture and soil cover over developing tubers to assist prevention of tuber damage. **Do not apply more than 3 applications per season.**
Onions	Onion thrips	40 ml/ha in at least 500 litres of water/ha	Apply at first sighting of onion thrips and repeat as necessary.
Potatoes	Potato tuber moth	40 ml/ha in at least 500 litres of water/ha	Apply at first sighting of moths then at 2 week intervals. Maintain adequate soil moisture and soil cover over developing tubers to assist prevention of tuber mining.
	Tomato/Potato Psyllid	80 to 100 ml/ha in at least 500 litres of water/ha	Apply at first sign of psyllid then at 7 to 14 day intervals. Use the closer interval and or the high rate under high pest pressure. Ensure sufficient water volume is used to give thorough crop penetration and coverage. Ensure a suitable surfactant is used.
Plantain and plantain/clover swards	Plantain Moth	20 ml/ha in 150-200L water/ha.	Apply as soon as caterpillars are first noticed. **DO NOT spray when clover is flowering**
White Clover Seed Crops	Blue-green aphid, Potato mirid, Thrips	40 ml/ha in at least 200 litres of water/ha	Apply at first flower initiation, and repeat again 10 to 14 days later if required.
Amenity Turf	Tasmanian grass grub, Sod webworm, adult Black beetle, Red legged earth mite	4 ml/100 litres or 40 ml/ha	Apply at first sign of pest infestation and repeat as necessary if pest activity continues. Good coverage is necessary to provide most effective level of control.
Ornamentals	Aphids, Caterpillars, Thrips, Bronze beetles, Grass grub beetles, Black beetles, Weevils	4 ml/100 litres water	Apply at first sign of pest infestation and repeat as necessary if pest activity continues. Good coverage is necessary to provide most effective level of control. Phytotoxicity – it is advised to pre-spray a selection of plants and observe for 7-10 days prior to treating large areas if local experience is unavailable.

DIRECTIONS FOR USE - PUBLIC HEALTH SITUATIONS
Domestic, commercial, public and industrial premises e.g. hospitals, food processing plants, outdoor surfaces.
PESTS: Ants, Carpet beetles, Cockroaches, Fleas, Flies, Silverfish, Spiders, Woodlice (slaters).
RATE: 20 ml per 10 litres of water.
APPLICATION: When spraying, sufficient diluent should be applied to wet all surfaces or to give approximately 40 ml spray per square metre. All surfaces frequented by pests should be sprayed including floors, walls and ceilings, with particular attention to areas where insects breed and hide such as cracks, crevices and warm areas surrounding equipment. Avoid spraying windows, highly polished surfaces or dark stained and painted surfaces, as visible spray deposits may remain upon drying. When treating carpets it is advisable to brush the treated area (ie back side of a broom) once spray deposits have dried, to work product into the pile where adult fleas and nymphs reside. Residual control up to 3 months may be achieved depending on the pest, the surface to be treated and the influence of climatic weathering. More regular treatment may be necessary where washing or rain removes insecticide residues and on alkaline surfaces such as plaster or unpainted surfaces.

TOXIC TO BEES. Spray must not contact plants in flower if they are likely to be visited by bees.
MIXING: Pour the measured quantity of CYHELLA into a partly filled tank and agitate the spray mixture while adding the remaining water. Maintain agitation during spraying. If applying CYHELLA in mixture, always add the CYHELLA last.
ADJUVANT: Add a suitable spreader-sticker at label rates for spraying difficult to wet crops. Use caution when tank mixing with herbicides in sensitive crops. Do not use an adjuvant in public health situations.
APPLICATION: CYHELLA may be applied through all conventional ground and aerial spray equipment, calibrated to ensure thorough coverage of the crop.
COMPATIBILITY: CYHELLA mixes readily with water and is compatible with commonly used fungicides except strong alkaline materials such as Bordeaux mixture and lime sulphur. CYHELLA may be tank mixed with Beetrix™ when applied to seedling fodder beet and sugar beet.
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:
Beans - 3 days
Citrus - Avoid contamination of fruit
Cereals (grain) - 70 days
Cereals (Barley and wheat forage) - 28 days
Field Tomatoes - 3 days
Forage Brassicas - DO NOT allow stock to graze within 14 days of last application
Grapes - DO NOT use after capfall
Kumara - 14 days
Maize, Sweetcorn, Pumpkins, Winter squash, Fodder beet, Sugar beet, Forage Herbs, Plaintain - Seedlings only
Onions - 14 days.
Potatoes -14 days
Plantain or plantain/clover swards - DO NOT allow stock stock to graze within 14 days of last application
Vegetable Brassicas - 3 days
White Clover seed crops - DO NOT allow stock to graze within 70 days of last application
GRAZING WITHHOLDING PERIODS: Leaf plucking in vineyards. After being removed from the vineyard, sheep must be placed on clean feed and not be sent for slaughter or milked for 2 months.
Restricted Entry Intervals (REI'S):
Unless wearing appropriate personal protective equipment (PPE), the following REI'S apply;
Beans, forage brassica, tomatoes, sweetcorn, clover seed crops, cereals, maize: 48 hrs
Vegetable brassica: 7 days
Onions: 3 days
Grapes: 5 days
Amenity Turf, Ornamentals: Do not re-enter treated areas until spray has dried.
Public Health Situations: After CYHELLA has dried , usualy 4 - 6hrs after application, aerate domestic dwellings before allowing re-entry of people and pets.

BATCH NO:

D.O.M:

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CYHELLA 260219 v.2

RESISTANCE MANAGEMENT: GROUP 3 INSECTICIDE
CYHELLA contains a synthetic pyrethroid insecticide with the sodium channel modulation mode of action. Individual members of a pest population could be resistant to this and other group 3 insecticides due to natural genetic variation. To minimise the risk of these resistant pests dominating the population use CYHELLA strictly in accordance with label instructions and resistance management strategies that exist for any insect pests listed on this label. Avoid using group 3 insecticides exclusively all season, and avoid unnecessary spraying. Maintain good cultural control practices. See www.nzpps.org for more information.
NOTICE TO BUYER: The manufacturer and vendors of **CYHELLA** warrant the formulation to contain the specified active ingredient within accepted tolerance but make no warranty of any kind on the uses of material and accept no responsibility, whether the material is used in accordance with the label directions or not.
REGISTERED TO: Arxada NZ Limited, Hudson Rd, New Plymouth, NZ Tel: 06 755-9234 Fax: 06 755-1174 **EMERGENCY PHONE: 0800 CHEMCALL 0800 243 622**