

PMRA Approved English Label-RGilao
Sub. No. 2021-4399, 2021-10-08

GROUP	17	INSECTICIDE
-------	----	-------------

CYRUS Insecticide

INSECTICIDE

COMMERCIAL

Wettable powder for control of leafminer, fungus gnats and shoreflies in greenhouse ornamentals, leafminers on outdoor ornamentals, fungus gnats in greenhouse lettuce, sciarid flies in mushrooms, leafminer on celery and pea leafminer on members of Crop Group 4 (leafy vegetables except Brassica vegetables) and Crop Group 5B (leafy Brassica greens).

ACTIVE INGREDIENT:

Cyromazine 75%

**READ THE LABEL AND BOOKLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN**

**WARNING
EYE AND SKIN IRRITANT**

The CYRUS Insecticide inside the foil pouch is packaged in 6 "Water Soluble Bags". Each water-soluble bag contains 75 grams of CYRUS Insecticide.

Do not touch water-soluble bags with wet gloves, as the bags will dissolve. Do not open water-soluble bags.

Re-seal foil pouch if any water-soluble bags are left inside.

DO NOT SELL THE WATER-SOLUBLE BAG INDIVIDUALLY

REGISTRATION NO.: 34272
PEST CONTROL PRODUCTS ACT

Sharda Cropchem Limited
2nd Floor, Prime Business Park
Dashrathlal Joshi Road

Canadian Agent:
Sharda Cropchem Limited
63 Kingsview Blvd

Vile Parle (West)
Mumbai - 400056, India

Etobicoke, Ontario, CA

M9R1V1

1-844-810-5720

1-416-840-5639

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

FIRST AID

IN CASE OF POISONING, contact a physician or a poison control centre **IMMEDIATELY**. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

If swallowed, call a poison control centre or doctor **IMMEDIATELY** for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

If on skin or clothing, take off contaminated clothing. Rinse skin **IMMEDIATELY** with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

If in eyes, hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

If inhaled, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

TOXICOLOGICAL INFORMATION

Treat symptomatically.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Causes skin and eye irritation. Do not get on skin or in eyes. Avoid inhalation of dust. Wear chemical-resistant coveralls (e.g. TYVEK) over a long-sleeved shirt, long pants, chemical-resistant gloves, socks and chemical-resistant footwear during mixing, loading, application, clean-up and repair. Greenhouse growers should wear gloves when handling treated crops.

Do not eat, drink or smoke while mixing or during application. Change and wash clothing after use. Wash hands and face before eating, drinking, smoking or using the toilet. Store and wash all protective clothing separately from household laundry. Wash in detergent and hot water before reuse.

PMRA Approved English Label-RGilao
Sub. No. 2021-4399, 2021-10-08

If this pest control product is to be used on a commodity that may be exported and if you require information regarding Maximum Residue Limits for an importing country, please consult Sharda Cropchem Limited at 1-844-810-5720.

STORE IN A DRY PLACE.

Re-Entry Period

Do not re-enter treated areas within 12 hours following application.

ENVIRONMENTAL PRECAUTIONS

TOXIC to aquatic organisms and non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.

Toxic to certain beneficial arthropods (which may include predatory and parasitic insects, spiders, and mites). Minimize spray drift to reduce harmful effects on beneficial arthropods in habitats next to the application site such as hedgerows and woodland.

Toxic to bees. Minimize spray drift to reduce harmful effects on bees in habitats close to the application site. Avoid application during the crop blooming period. If applications must be made during the crop blooming period, restrict applications to the evening when most bees are not foraging. Avoid applications when bees are foraging in the treatment area in ground cover containing blooming weeds. To further minimize exposure to pollinators, refer to the complete guidance "Protecting Pollinators during Pesticide Spraying – Best Management Practices" on the Health Canada website (www.canada.ca/pollinators). Toxic to small wild mammals.

To reduce runoff from treated areas into aquatic habitats, avoid application to areas with a moderate to steep slope, compacted soil or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

The residues of cyromazine (melamine) are persistent and may carryover. It is recommended that any products containing cyromazine not be used in areas treated with this product during the previous season.

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Greenhouse use: Toxic to bees (brood) and other beneficial arthropods (which may include predatory and parasitic insects, spiders, and mites). May harm bees and other beneficial arthropods, including those used in greenhouse production. Avoid application when bees or other beneficial arthropods are in the treatment area.

DO NOT allow effluent or runoff from greenhouses or mushroom houses containing this product to enter lakes, streams, ponds or other waters.

STORAGE

Store this product away from food or feed. Store in a cool, dry area above freezing. Do not remove the water-soluble pouches from container except for immediate use.

DISPOSAL

1. When all the water-soluble bags are used, make the empty outer package unsuitable for further use.
2. Dispose of the outer package in accordance with provincial requirements.
For information on disposal of unused, unwanted product, contact the manufacturer and the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

GROUP	17	INSECTICIDE
-------	-----------	-------------

CYRUS Insecticide

INSECTICIDE

COMMERCIAL

Wettable powder for control of leafminer, fungus gnats and shoreflies in greenhouse ornamentals, leafminers on outdoor ornamentals, fungus gnats in greenhouse lettuce, sciarid flies in mushrooms, leafminer on celery and pea leafminer on members of Crop Group 4 (leafy vegetables except Brassica vegetables) and Crop Group 5B (leafy Brassica greens).

ACTIVE INGREDIENT:

Cyromazine 75%

**READ THE LABEL AND BOOKLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN**

**WARNING
EYE AND SKIN IRRITANT**

The CYRUS Insecticide inside the foil pouch is packaged in 6 "Water Soluble Bags". Each water-soluble bag contains 75 grams of CYRUS Insecticide.

Do not touch water-soluble bags with wet gloves, as the bags will dissolve. Do not open water-soluble bags.

Re-seal foil pouch if any water-soluble bags are left inside.

DO NOT SELL THE WATER-SOLUBLE BAG INDIVIDUALLY

REGISTRATION NO.: 34272
PEST CONTROL PRODUCTS ACT

Sharda Cropchem Limited
2nd Floor, Prime Business Park
Dashrathlal Joshi Road

Canadian Agent:
Sharda Cropchem Limited
63 Kingsview Blvd

Vile Parle (West)
Mumbai - 400056, India

Etobicoke, Ontario, CA
M9R1V1
1-844-810-5720
1-416-840-5639

Pamphlet

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

FIRST AID

IN CASE OF POISONING, contact a physician or a poison control centre **IMMEDIATELY**. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

If swallowed, call a poison control centre or doctor **IMMEDIATELY** for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

If on skin or clothing, take off contaminated clothing. Rinse skin **IMMEDIATELY** with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

If in eyes, hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

If inhaled, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

TOXICOLOGICAL INFORMATION

Treat symptomatically.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Causes skin and eye irritation. Do not get on skin or in eyes. Avoid inhalation of dust. Wear chemical-resistant coveralls (e.g. TYVEK) over a long-sleeved shirt, long pants, chemical-resistant gloves, socks and chemical-resistant footwear during mixing, loading, application, clean-up and repair. Greenhouse growers should wear gloves when handling treated crops.

Do not eat, drink or smoke while mixing or during application. Change and wash clothing after use. Wash hands and face before eating, drinking, smoking or using the toilet. Store and wash

PMRA Approved English Label-RGilao
Sub. No. 2021-4399, 2021-10-08

all protective clothing separately from household laundry. Wash in detergent and hot water before reuse.

If this pest control product is to be used on a commodity that may be exported and if you require information on acceptable Maximum Residue Levels, please consult Sharda Cropchem Limited at 1-844-810-5720.

STORE IN A DRY PLACE.

Re-Entry Period

Do not re-enter treated areas within 12 hours following application.

ENVIRONMENTAL PRECAUTIONS

TOXIC to aquatic organisms and non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.

Toxic to certain beneficial arthropods (which may include predatory and parasitic insects, spiders, and mites). Minimize spray drift to reduce harmful effects on beneficial arthropods in habitats next to the application site such as hedgerows and woodland.

Toxic to bees. Minimize spray drift to reduce harmful effects on bees in habitats close to the application site. Avoid application during the crop blooming period. If applications must be made during the crop blooming period, restrict applications to the evening when most bees are not foraging. Avoid applications when bees are foraging in the treatment area in ground cover containing blooming weeds. To further minimize exposure to pollinators, refer to the complete guidance "Protecting Pollinators during Pesticide Spraying – Best Management Practices" on the Health Canada website (www.canada.ca/pollinators). Toxic to small wild mammals.

To reduce runoff from treated areas into aquatic habitats, avoid application to areas with a moderate to steep slope, compacted soil or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

The residues of cyromazine (melamine) are persistent and may carryover. It is recommended that any products containing cyromazine not be used in areas treated with this product during the previous season.

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Greenhouse use: Toxic to bees (brood) and other beneficial arthropods (which may include predatory and parasitic insects, spiders, and mites). May harm bees and other beneficial arthropods, including those used in greenhouse production. Avoid application when bees or other beneficial arthropods are in the treatment area.

DO NOT allow effluent or runoff from greenhouses or mushroom houses containing this product to enter lakes, streams, ponds or other waters.

STORAGE

Store this product away from food or feed. Store in a cool, dry area above freezing. Do not remove the water-soluble pouches from container except for immediate use.

DISPOSAL

1. When all the water-soluble bags are used, make the empty outer package unsuitable for further use.
2. Dispose of the outer package in accordance with provincial requirements.

For information on disposal of unused, unwanted product, contact the manufacturer and the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

GENERAL INFORMATION

CYRUS Insecticide is an insect growth regulator type of insecticide to control leafminers, fungus gnats and shoreflies in greenhouse ornamentals, sciarid flies in mushrooms, leafminer on celery and pea leafminer on members of Crop Group 4 (leafy vegetables except Brassica vegetables), Crop Group 5B (leafy Brassica greens) and leafminers on outdoor ornamentals. When applied according to the directions given below, CYRUS Insecticide will provide control of leafminers, fungus gnats, shoreflies and sciarid flies by inhibiting the larval stages of these pests. CYRUS Insecticide may adversely affect some species of predatory mites and leafminer parasitoids. Use with caution in a pest management program utilizing these beneficial arthropods.

MIXING INSTRUCTIONS

CYRUS Insecticide is a wettable powder formulation to be mixed with water and applied as a spray. Be sure sprayer is clean; if it is contaminated with any material, crop injury or sprayer clogging may result.

Mixing Steps:

1. Fill the tank $\frac{1}{4}$ to $\frac{1}{2}$ full with clean water and start agitation.
2. Add the correct amount of product.
3. Complete filling tank with water, maintaining sufficient agitation at all times.
4. Do not leave spray mixtures in the tank without adequate agitation. Always maintain agitation to avoid separation and build-up of residues.

PMRA Approved English Label-RGilao
Sub. No. 2021-4399, 2021-10-08

5. Immediately after use, clean sprayer thoroughly by flushing system with water containing a detergent and rinse with clean water.
6. If a residue starts to build up in tank, drain and clean with strong detergent and ammonia solution. Then rinse thoroughly with clean water.

USE LIMITATIONS

CYRUS Insecticide will control the larval stages of the leafminer but does not prevent the initial damage caused by the adult stage. CYRUS Insecticide is only effective on leafminer of the *Liriomyza* genus.

DIRECTIONS FOR USE

To protect pollinators, follow the instructions regarding bees in the Environmental Precautions section.

For ornamentals, excluding coniferous evergreens (pine, fir, juniper, spruce, arborvitae, hemlock, cypress, yew, live Christmas trees): Toxic to bee brood. DO NOT apply during the crop blooming period.

For all other crops: Toxic to bee brood. Avoid application during the crop blooming period. If applications must be made during the crop blooming period, restrict applications to evening when most bees are not foraging. When using managed bees for pollination services, DO NOT apply during the crop blooming period.

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

DO NOT contaminate irrigation or drinking water supplied or aquatic habitats by cleaning of equipment or disposal of wastes.

DO NOT allow effluent or runoff from greenhouses or mushroom houses containing this product to enter lakes, streams, ponds or other waters.

Field sprayer application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Boom height must be 60 cm or less above the crop or ground.

Airblast application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. **DO NOT** apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

Buffer zones:

Spot treatments using hand-held equipment do not require a buffer zone.

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands), and sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands).

Cyromazine has the potential to persist in soil and to carry-over into the subsequent year. Use of CYRUS on the same field in consecutive years should be avoided.

Method of application	Crop		Buffer Zones (meters) Required for the Protection of:		
			Freshwater Habitat of Depths:		Terrestrial Habitat:
Field sprayer	All crops		1	1	1
Airblast	Outdoor ornamentals	Early growth stage	3	1	2
		Late growth stage	2	1	1

For tank mixes, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

The buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Buffer Zone Calculator on the Pest Management Regulatory Agency web site.

CYRUS The following plant-back intervals must be observed when planting rotational crops after an application of CYRUS insecticide to a crop:

- All labelled crops, and tomatoes, peppers, cucumbers, melons: **1 day**
- Hay, wheat, barley, oats: **300 days**

READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS.

NOTE TO USER

The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than Sharda Cropchem Limited under the User Requested Minor Use Label Expansion program. For these uses, Sharda Cropchem Limited has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) under all environmental conditions or for all crop varieties when used in accordance with the label. The user should test the product on a small area first, under local conditions and using standard practices, to confirm the product is suitable for widespread application.

DIRECTIONS FOR USE – DO NOT APPLY BY AIR. apply using aerial application equipment.

Greenhouse Ornamentals - Spray Schedule														
INSECT	RATE/HA	REMARKS												
Leafminer	188 grams of product/ha; (1 water soluble bag per 400 L of water per 0.4 ha)	Apply as a foliar spray to runoff: Use 75 grams of product (1 water soluble bag) per 400 L of water per 0.4 ha; If applied with low volume application equipment, ensure the rate of 188 grams of product per ha is followed (1 water soluble bag per 0.4 ha).												
Fungus Gnats	133 grams of product/ha; (1 water soluble bag per 570 L of water per 0.57 ha)	<ol style="list-style-type: none"> 1. Apply as a spray to all surfaces where fungus gnats may breed. This includes potting media surfaces, bench tops, undersides of benches, and areas under benches which may be contaminated with potting media or algae. Use 75 grams of product (1 water soluble bag) per 570 L of water per 0.57 ha. 2. Apply as a drench to potted plants using 133 grams of product per 1,000 L of water (1 water soluble bag per 570 L of water) as follows: <table border="1" data-bbox="711 1094 1256 1297"> <thead> <tr> <th><u>Pot Size (cm)</u></th> <th><u>Volume of Drench (mL)</u></th> </tr> </thead> <tbody> <tr> <td>10</td> <td>90</td> </tr> <tr> <td>13</td> <td>120</td> </tr> <tr> <td>15</td> <td>180</td> </tr> <tr> <td>20</td> <td>240</td> </tr> <tr> <td>25</td> <td>300</td> </tr> </tbody> </table> 	<u>Pot Size (cm)</u>	<u>Volume of Drench (mL)</u>	10	90	13	120	15	180	20	240	25	300
<u>Pot Size (cm)</u>	<u>Volume of Drench (mL)</u>													
10	90													
13	120													
15	180													
20	240													
25	300													
Shoreflies	133 grams of product/ha; (1 water soluble bag per 570 L of water per 0.57 ha)	<ol style="list-style-type: none"> 1. Apply as a spray to all surfaces where shoreflies may breed. This includes areas under benches that may be contaminated with potting media or algae, undersides of benches, bench tops and potting media surfaces. Use 75 grams of product (1 water soluble bag) per 570 L of water per 0.57 ha. 2. Apply as a drench to potted plants using 133 grams of product per 1,000 L of water (1 water soluble bag per 570 L of water). 												

CYRUS Insecticide has been evaluated for safety to many greenhouse ornamental plants as a foliar spray and a soil drench. No phytotoxicity has been observed at the rates recommended on this label on chrysanthemum, gerbera, ageratum, dahlia, marigold, salvia, verbena, zinnia, baby's breath, petunia, Easter lily, or poinsettia. While many plant species and cultivars have been evaluated, each species and/or cultivar should be evaluated for phytotoxicity prior to making applications to the entire crop. To evaluate for possible phytotoxic effects for ornamental crops not listed above, the grower should test CYRUS Insecticide, for at least two weeks, on a small group of plants under the same conditions in which they will be grown. Do NOT allow effluent or runoff from greenhouses containing this product to enter lakes, streams, ponds or other waters.

Outdoor Ornamentals - Spray Schedule

INSECT	RATE/HA	REMARKS
Leafminer (<i>Liriomyza</i> spp.)	188 grams of product/ha (1 water soluble bag per 400 L of water per 0.4 ha)	Apply as a foliar spray to runoff. 1000 L of water per ha (400 L water per 0.4 ha) is recommended, or sufficient water to ensure thorough coverage using conventional ground application equipment, including foliar airblast or horizontal boom. Apply when leafminer larvae first appear. Reapply based on monitoring. Allow 7 days between applications. Do not make more than 5 applications per growing season.

While many plant species and cultivars have been evaluated, each species and/or cultivar should be evaluated for phytotoxicity prior to making applications to the entire crop. To evaluate for possible phytotoxic effects, the grower should test CYRUS Insecticide, for at least two weeks, on a small group of plants under the same conditions in which they will be grown.

Mushrooms - Spray Schedule

INSECT	RATE	REMARKS
Sciarid Fly	5 parts per million of cyromazine in compost	Using no more than 1 application per cycle, apply CYRUS Insecticide when preparing the mushroom substrate using a coarse drenching spray with low pressure to minimize the formation of mists. Apply in sufficient water for uniform distribution to the compost according to the Table below. These rates result in a concentration of 5 parts per million of active ingredient. Thoroughly incorporate during substrate preparation or spawning operation.

Compost Fill: Wet Weight @ 66.6% Water		Compost Fill: Dry Weight		Grams of Insecticide		Area Treated By One 75 Gram Water Soluble Bag of SHARDA CYRUS CYROMAZINE- 75WP Insecticide	
kg/m ²	lb/ft ²	kg/m ²	lb/ft ²	100 m ²	1000 ft ²	m ²	ft ²
58.59	12	19.53	4	41.07	38.15	182.61	1965.70
68.36	14	22.79	4.67	47.56	44.18	157.71	1697.65
73.24	15	24.41	5	51.88	48.19	144.57	1556.18
83.01	17	27.67	5.67	56.20	52.21	133.45	1436.48
87.89	18	29.30	6	60.52	56.23	123.92	1333.87
97.65	20	32.55	6.67	67.01	62.25	111.92	1204.79
102.54	21	34.18	7	71.33	66.27	105.14	1131.77
112.30	23	37.43	7.67	75.66	70.28	99.13	1067.10
117.18	24	39.06	8	82.14	76.31	91.31	982.85
126.95	26	42.32	8.67	86.46	80.32	86.74	933.71
131.83	27	43.94	9	92.95	86.35	80.69	868.57

Example: When applying CYRUS Insecticide to a wet compost bed weighing 112.3 kg/m² at 66.6% moisture, use 75 grams (one water soluble bag) per 99.13 m² of compost (one water soluble bag per 1,067 ft.²). To adjust for varying moisture rates, first convert to a dry matter basis using the following formula:

Wet weight of compost (kg/m²) x (1 – [x% compost moisture/100]).

Locate the closest “Dry Weight (Kg/m²)” from the table and use the appropriate rate of CYRUS Insecticide.

INSECT	RATE	REMARKS
Sciarid Fly	5 parts per million of cyromazine in wet casing or 18.7 grams of CYRUS Insecticide in sufficient casing material to cover 100 m ² of production surface that is approximately 5-8 cm in depth	Apply as a single low volume drench spray to the casing material. Do not apply within 14 days of harvest.

CELERY: For control of Leafminer

For control of leafminers, apply 188 g of CYRUS Insecticide (2.5 soluble bags) per hectare as a foliar spray when leafminer larvae first appear. Five soluble bags will treat 2 ha. Apply by ground in a minimum of 300 L of water per hectare, using sufficient carrier to achieve adequate coverage. Reapply based on monitoring. Allow at least 7 days between applications.

USE RESTRICTIONS – CELERY

- Do not apply more than five applications per growing season.
- Do not apply within 7 days of harvest.
- Do not apply in less than 300 L of water per hectare.
- Do not apply this product through any type of irrigation equipment.
- Do not graze treated crop.
- ~~Do not apply by air.~~ **DO NOT apply using aerial application equipment.**
- Do not re-enter treated areas within 12 hours following application.

CROP GROUP 4 (LEAFY VEGETABLES EXCEPT BRASSICA VEGETABLES)**CROP GROUP 5B (LEAFY BRASSICA GREENS)**

CROP	INSECT	RATE/HA	REMARKS
Crop Group 4 (leafy vegetables except Brassica vegetables) including leafy amaranth, Chinese spinach, tampala, arugula (roquette), cardoon, celery, Chinese celery, celtuce, chevril, edible-leaved chrysanthemum, corn salad, garden cress, upland cress (yellow rocket, winter cress), dandelion, dock (sorrel), endive (escarole), Florence fennel (finocchio), head and leaf lettuce, orach, parsley, garden purslane, winter purslane, radicchio (red chicory), rhubarb, spinach, New Zealand spinach, vine spinach (Malabar spinach, Indian spinach) and Swiss chard	Pea leafminer (<i>Liriomyza huidobrensis</i>)	Apply 188 g product (2.5 soluble bags) per hectare in a minimum of 200 L of water per hectare, using sufficient water to achieve adequate coverage. Five soluble bags will treat 2 hectares.	Apply when pea leafminer larvae first appear. Reapply based on monitoring. Do not make more than 5 applications per growing season. Allow 7 days between applications. Do not apply within 7 days of harvest.
Crop Group 5B (leafy Brassica greens) including broccoli raab (rapini), Chinese cabbage (bok choy), collards, kale, mizuna, mustard greens, mustard spinach, rape greens			

GREENHOUSE LETTUCE

PEST	RATE	REMARKS
Fungus Gnats (<i>Bradysia</i> sp.)	75 g of product (1 water soluble bag)/570 L of water. Apply sufficient amount of mixture for thorough coverage. Do not exceed 1010 L spray solution/ha.	Allow 7 days between applications. Apply when pest monitoring indicates the need. Apply to the foliage and moist surfaces where the insects breed and feed.

USE RESTRICTIONS – GREENHOUSE LETTUCE

- Do not apply more than 4 applications per growing season.
- Do not apply within 14 days of harvest.
- Do not apply this product through any type of irrigation equipment.
- Do not re-enter treated areas within 12 hours following application.
- Do NOT allow effluent or runoff from greenhouses containing this product to enter lakes, streams, ponds or other waters.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, please note that CYRUS Insecticide contains a Group 17 insecticide. Any insect population may contain individuals naturally resistant to CYRUS Insecticide and other Group 17 insecticides. The resistant individuals may dominate the insect population if this group of insecticide is used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance:

Where possible, rotate the use of CYRUS Insecticide or other Group 17 insecticides with different insecticide groups that control the same pests.

Use tank mixtures with insecticides from a different group that is effective on the target pest when such use is permitted.

Insecticide use should be based on an IPM program that includes scouting and record keeping, and considers cultural, biological and other chemical control practices.

Monitor treated pest populations for resistance development.

Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.

For further information and to report suspected resistance, contact Sharda Cropchem Limited at 1-844-810-5720.

Refer to and retain booklet and label for DIRECTIONS FOR USE, MIXING INSTRUCTIONS, USE LIMITATIONS, STORAGE and DISPOSAL.