Read the label before opening the container. For full particulars, see enclosed leaflet.

KEEP OUT OF REACH OF CHILDREN AND ANIMALS

CYGON

South Africa Reg. No: L7230 Act No. 36 of 1947

IRAC INSECTICIDE GROUP CODE: 17

A wettable powder systemic contact and stomach insect chitin synthesis inhibitor for the control of American leaf miner in tomatoes and green beans, potato leaf miner in potatoes and fungus gnats and mushroom flies in cultivated mushrooms

ACTIVE INGREDIENT:

Cyromazine.....750g/kg

Product Information: 072 678 8226
In case of poisoning: 082 446 8946



DANGER

HAZARD STATEMENTS

- Harmful if inhaled.
- May cause an allergic skin reaction.
- Causes serious eye damage.
- Very toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

- Avoid breathing mist, vapours and spray.
- Dispose of contents in accordance with local/regional/ national regulations.

enviro™ bio-chem

Registration holder: RT Chemicals CC
Co. Reg. No: CK87/21925
44 Kerk Street, Lichtenburg NW, South-Africa
Tel: +27 12 006 0063 | Fax: +27 86 541 7948
Web: www.envirobiochem.co.za

Expiry Date:
Batch No:
Date of Manufacture:

UN No. 3077

WARNINGS:

Withholding Period: Allow the following minimum number of days between last application and harvest:

Green Beans	3 days
Mushrooms	14 days
Tomatoes	3 days

- Harmful if inhaled.
- May cause an allergic skin reaction.
- Causes serious eye damage.
- Very toxic to aquatic life with long lasting effects.
- Store under lock and key, away from food and feedstuffs in a cool place.
- Re-entry: Do not enter treated area until spray deposit has dried unless wearing protective clothing.

Although this remedy has been extensively tested under a large variety of conditions the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal climatic and storage conditions; quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the pest to the remedy concerned as well as by the method, time and accuracy of application. The registration holder further does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in event of any uncertainty.

PRECAUTIONS:

- Wash hands, forearms, and face thoroughly after handling
- Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
- Avoid breathing mist, vapours and spray.
- Use only outdoors or in a well-ventilated area.
- After use and in case of accidental skin contact, wash thoroughly with soap and water.
- Prevent drift of spray mist onto other crops, grazing, rivers, dams or areas not under treatment.
- Triple rinse empty container in the following manner: Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the empty container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsings to the content of the spray tank. Empty containers should be taken for local recycling or waste disposal. Do not re-use empty containers.
- Prevent contamination of food, feeds, eating utensils and drinking water.

RELEVANT SUBSTANCES:

Cyromazine 76.5%
Sodium dodecyl sulfonate <5 %
Hexamine <1 %

FIRST AID TREATMENT:

INHALATION: Remove person to fresh air and keep comfortable for breathing.

INGESTION: If person is conscious administer 30 to 60 g activated charcoal in 150 to 300 ml water. Do not induce vomiting without medical advice. Do not give anything by mouth to an unconscious person Seek medical attention or call a poison control centre for treatment advice if the victim feels unwell.

EYE CONTACT: 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.

SKIN CONTACT: (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention.

RESISTANCE WARNING:
For resistance management, **CYGON** is a **group code 17** insecticide. Any insect population may contain individuals naturally resistant to **CYGON** and other **group code 17** insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by **CYGON** or any other **group code 17** insecticide.
To delay insecticide resistance:
- Avoid exclusive repeated use of insecticide from the same insecticide group code.
- Alternate or tank mix with products from different insecticide codes.
- Integrate other control methods (chemical, cultural, biological) into insect control programmes.

For specific information on resistance management contact the registration holder of this product.

A potential exists for poor control of American leaf miner due to **CYGON** resistant strains. Use **ABAMEC PLUS** (Reg. No. L5888) as an alternative on tomatoes.

DIRECTIONS FOR USE: Use only as indicated.

Compatibility:
The compatibility of **CYGON** has not been tested with other products and it may be influenced by the formulation of the products involved as well as quality of the water. A physical compatibility test should always be carried out prior to application.
NOTE: CYGON is not compatible with lufenuron and endosulfan.

Mixing Instructions:
Pre-mix the required quantity of **CYGON** with a small volume of clean water to form a slurry.
Half fill the spray tank with clean water and add the slurry while stirring.
Add water to the desired spray volume.
Keep the spray mixture agitated during mixing and spraying.

Application Techniques:
Apply by means of a mist blower or any low, medium or high volume spray equipment with efficient agitation that provides adequate and even distribution of the droplets on the target area.

<table>
<tr><th>CROPS</th><th>DOSAGE</th><th colspan="2">REMARKS</th></tr>
<tr><td rowspan="3">MUSHROOMS
Fungus Gnats
(method 1 only)
Lycoriella Auripilla

Phorid flies
(method 1 only)
Megaselia Halterata

Dung Flies
(method 1 only)
Pullimosina Heteroneura</td><td rowspan="3">0.4 - 0.8g/m^2</td><td colspan="2">Compost application (wet mass):
Method 1: Incorporation
Incorporate into the compost during filling as soon as possible after pasteurization according to the table below. Use sufficient water and a fine spray mist.
Adjust the rates in proportion for other fill masses.</td></tr>
<tr><td>FILL MASS</td><td>CYGON</td></tr>
<tr><td>60kg/m^2
90kg/m^2
120kg/m^2</td><td>0.4g
0.6g
0.8g</td></tr>
</table>

CROPS	DOSAGE	REMARKS
Only for low populations of fungus gnat	0.7g/m^2	**Compost application:** **Method 2:** Surface drench Apply **CYGON** in 1.5 to 2.0ℓ water per m^2 surface area.
	0.5g/m^2	**Casing application:** To prevent damage to the mushrooms in the casing layer. Apply **CYGON** as a surface drench to casing layer in 1.0 to 1.5ℓ water per m^2. Application must occur within the first two days after casing. **NOTE:** Follow up application in the cropping cycle and in between breaks is not recommended.
TOMATOES & GREEN BEANS American Leaf Miner *Liriomyza Trifolii*	Apply in a spray programme and repeat at 7 day intervals when the threshold levels are again reached. Do not use in nurseries.	
	20g/100ℓ water	Low to medium volume spray or mist blower (100 to 500ℓ spray volume per ha). Ensure complete coverage of plants.
	15g/100ℓ water	High volume spraying (500 to 1 000ℓ spray volume per ha). Apply as a full cover spray to point of runoff using up to 1 000ℓ spray mixture or more per hectare depending on plant size.
POTATOES Potato Leaf Miner *Liriomyza Huidobrensis*	30g/100ℓ water	Low to medium volume spray or mist blower (100 to 500ℓ spray volume per ha). Ensure complete coverage of plants.
	20g/100ℓ water	High volume spraying (500 to 1 000ℓ spray volume per ha). Apply as a full cover spray to point of runoff using up to 1 000ℓ spray mixture or more per hectare depending on plant size.