TRIGARD® 75 WP
A-6808 A

Pack size: Registration Number:

Wettable Powder
Insecticide

TRIGARD 75 WP is an insect growth regulator (IGR) for the control of dipterous and some coleopterous larvae in vegetables and potato.

Active Ingredient Content

750 g/kg cyromazine*

* 2-cyclopropylamino-4,6-diamino-s-triazine (CA)

Physical Properties
White to beige powder

First Aid / Antidote

If any indisposition occurs, call a physician and apply First Aid measures as described on page 3. No specific antidotes is known. Apply symptomatic therapy.

Hazard Classification

WHO Class III (The product is unlikely to present acute hazard in normal use.)

Warning: Mixing/loading: Application: Environment:

KEEP LOCKED UP OUT OF REACH OF CHILDREN. KEEP AWAY from food, drink and animal feeding stuff. WEAR suitable protective clothing, gloves.

Telephone Johnson Controls, Basel, Switzerland: +41 61 696 33 33

Note: Registration number and pack size must appear on all local labels.
For more information on the directions for use, refer to the Product Profile.
This ILT serves as a basis for local label texts.
**Product Information**

**Mode of Action**
- TRIGARD 75 WP inhibits the development of fly larvae. Emergence of adults is suppressed or incomplete. Adults are not killed but reduced egg hatch has been observed after oral uptake.
- TRIGARD 75 WP penetrates the leaves when applied as foliar spray and is rapidly absorbed by the roots (systemic action) when applied to the soil.

**Spectrum of Activity**
- TRIGARD 75 WP is effective on dipterous larvae (Liriomyza spp.), mushroom flies (sciarids, phorids), onion root maggots (Delia antiqua), and larvae of the Colorado potato beetle (Leptinotarsa decemlineata).
- Very effective also on insect strains resistant to classical insecticides.

**IPM-Fitness**
- TRIGARD 75 WP is safe for most beneficials. It is highly recommended for advanced IPM.

**Insect Resistance Management (IRM)**
Leaf miners (Liriomyza spp.) with many generations per year are especially prone to resistance development. In order to delay resistance development it is strongly recommended to alternate TRIGARD 75 WP and AGRIMEC®/VERTIMEC® (abamectin).

**Crop Tolerance**
In general, crop tolerance is not affected by foliar or soil applications of TRIGARD 75 WP. In case of sensitive or new varieties check crop tolerance first.

**Directions for Use**

**Main Target Crops:**
Beans, carrot, celery, cucurbits, lettuce, melon, mushroom, onion, ornamentals, pea, peppers, potato, tomato.

### Dosage Table

<table>
<thead>
<tr>
<th>CROPS</th>
<th>Target Insects</th>
<th>Dosage kg/ha</th>
<th>g/100 l</th>
<th>PHI* in days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vegetables</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• foliar</td>
<td>Leaf miners (Liriomyza spp.)</td>
<td>0.1 - 0.3</td>
<td>10-30</td>
<td>3-14</td>
</tr>
<tr>
<td></td>
<td>Leaf miners (Liriomyza spp.)</td>
<td>0.25 - 0.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• soil</td>
<td>Treatment</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potato</td>
<td>Leaf miners (Liriomyza spp.)</td>
<td>0.1 - 0.3</td>
<td>14-35</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Leaf miners (Liriomyza spp.)</td>
<td>0.185 - 0.37</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ornamentals</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• foliar</td>
<td>Leaf miners (Liriomyza spp.)</td>
<td>0.1 - 0.25</td>
<td>10-30</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Leaf miners (Liriomyza spp.)</td>
<td>0.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• soil</td>
<td>Treatment</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Onions</td>
<td>Onion root maggot (Delia antiqua)</td>
<td>66 g/kg of seeds</td>
<td>seed treatm.</td>
<td></td>
</tr>
<tr>
<td>Mushrooms</td>
<td>Mushroom flies (sciarids, phorids)</td>
<td>6-12 g/10m2</td>
<td>14</td>
<td></td>
</tr>
</tbody>
</table>

**Note**
- **Timing:** Follow local thresholds. If not established, start the spray programme as soon as the first 2 - 3 mines are visible or when the presence of adults is monitored. In mushrooms apply at or up to 3 days after casing to pre-wetted surface or incorporate into the compost.
- Repeat application at 7 - 14 days intervals.

- The pre-harvest intervals (PHI*) are general recommendations and do not necessarily correspond with local requirements.

**Tank Mixtures**
TRIGARD 75 WP is miscible with most standard insecticides and fungicides of neutral reaction. In case of doubt carry out a physical compatibility test.

**Application Information**

### Application technique / parameters

**Equipment and Spray Volume**

#### Field crops - ground application
- Tractor sprayers with boom and nozzles, knapsack sprayers and motorised mistblowers are recommended. Use at least 200 l/ha; thorough coverage of dense foliage requires 500 l/ha.
- For the control of onion root maggots, seed treatment is recommended.

**Field crops - aerial application**
- For LV treatments boom and nozzles or Mini-Micronair AU-5000 are suitable. Use 20-50 l/ha.

**Greenhouses**
- Use HV portable equipment or hose and gun for foliar or soil sprays. According to crop size, apply 500-1500 l/ha.
- Where drip irrigation is used TRIGARD 75 WP can be added to the irrigation water.

**Mushrooms**
- Portable HV sprayers are recommended. The spray volume should be in accordance with local practice. Incorporation into the compost (preferably with a spawning machine) is also possible.

**Mixing**
- Fill the sprayer 1/10 - 1/4 with water and add the required amount of product. Ensure thorough agitation while topping up and during spraying.
- If tank mixes with other products are made, add water-soluble bags first.
- Apply within a few hours after mixing. Prepare no more spray mixture than is needed for the immediate operation.

**Note**
- Wet the whole plant thoroughly but avoid run-off and spray drift to non-target sites. Treat only when there is little or no wind.
- Do not overdose by overlapping applications or by exceeding the recommended rate.

**Compatibility**
TRIGARD 75 WP can be tank-mixed with most standard insecticides of neutral reaction. In case of doubt, a physical compatibility test should be carried out.

**Safety Aspects**

**Precautionary measures**
KEEP LOCKED UP OUT OF REACH OF CHILDREN and other unauthorised persons, and animals.

**Operator safety**
AVOID any contact with skin, eyes or clothing with concentrate or spray mixture. DO NOT breathe vapour or spray mist. DO NOT eat, drink or smoke while handling the product or wash hands and face before doing so. If indisposition occurs, stop work, follow First Aid measures and call a physician.

WEAR protective clothing i.e.: for preparation; Impermeable gloves; for application: overalls, hat or cap and solid footwear. IF CONTAMINATION OCCURS with concentrate or spray mixture, immediately wash skin thoroughly, flush eyes several times with abundant fresh water, remove contaminated clothing. AFTER USE, thoroughly clean protective equipment and wash entire body and change clothing. Wash contaminated clothing before re-use.

Re-entry interval: Do not enter treated areas before the spray deposit has completely dried.

First Aid
If any indisposition occurs stop work immediately and call a physician.

Skin contact: Remove contaminated clothing and thoroughly wash the affected parts of the body with soap and water.

Eye contact: Rinse eyes with clean water for several minutes and immediately call a physician.

Antidote
No specific antidote is known; apply symptomatic therapy.

Environment and wildlife
- At the recommended rates TRIGARD 75 WP is practically non-toxic to fish, other aquatic organisms, and birds.
- Do not contaminate soil, stagnant or running water by disposal of waste.
- The treated area must not be grazed; no food or feed should be collected from it for a period corresponding to the pre-harvest interval.

Spillage and leakage
Remove heavily contaminated soil layer and bury in a safe place away from water supplies. Collect up spilt material thoroughly and bury it in a safe place or put it in a waste bin or in a plastic bag and dispose of on a landfill-site approved for pesticides. Rinse spill area with plenty of water.

Note: Spilt product must not be re-used.

Product and container disposal
Provided there are no legal or other rules and regulations, the following procedure is recommended:
- Dispose of surplus product on a landfill site approved for pesticides or bury in a safe place away from water supplies. Dilute surplus application mixture, pour it broadcast on fallow land.
- Dispose of containers made of cardboard, paper or plastic on a landfill site or burn in a safe place. If burned, stay out of smoke. DO NOT re-use empty containers for any other purpose.

Note: ALWAYS comply with local legal requirements.

Storage conditions
Store away from sun and damp, in a well ventilated area apart from food and feed, under lock and key. DO NOT contaminate water, food or feed.

AVOID storage below -10°C and above +35°C.

DO NOT stack containers in piles more than 2 m high, in order to avoid product compaction.

Shelf-life
Shelf life: at least 2 years

Legal Aspects
Before applying the product read the attached package leaflet.

User's risk
The user bears the risk for damage resulting from factors beyond the manufacturer's control.

All recommendations for use of the product are based on the current state of the manufacturer's knowledge. Since the manufacturer cannot control the application, use, storage or processing of the product, the manufacturer cannot accept responsibility therefor.

Since the occurrence of resistance cannot be foreseen, the manufacturer accepts no responsibility for any loss of or damage to crops resulting from the failure of TRIGARD 75 WP to control a resistant strain of the target pest.

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Syngenta Crop Protection AG, Basel, Switzerland

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