

ACTIVE INGREDIENT:

Chromobacterium subtsugae strain PRAA4-1^T 30% w/w
(Contains no less than/bevat nie minder as 1000 cabbage looper killing units CLKU/mg)
(Microbial / mikrobiese)

A water dispersible granule biological insecticide for the suppression and control of False Codling Moth (*Thaumatotibia leucotreta*), Rust mite (*Phyllocoptruta oleivora*), thrips (*Scirtothrips aurantii*) and Psylla (*Trioza erytreae*) on citrus.

MIXING INSTRUCTIONS:

Fill the spray tank to 75% capacity with clean water and start agitation. Add the required volume of **GRANDEVO®** then continue to fill the spray tank. Maintain agitation during spraying and use the spray mixture without delay. Do not allow the mixture to stand overnight. Use a strainer with no finer than 50 mesh. Apply with medium or coarse spray nozzles.

In conditions of low humidity and high temperatures use a coarser droplet size in order to reduce drift and ensure good coverage.

Do not apply during a temperature inversion when drift potential is high.

Do not combine in the spray tank with other pesticides, surfactants, adjuvants or fertilizers unless a prior test for physical compatibility, effectiveness and non-injury to the crop has been performed and no problems have been experienced.

CROP / PEST	DOSAGE	REMARKS
CITRUS False Codling Moth <i>(Thaumatotibia leucotreta)</i> Rust Mite <i>(Phyllocoptruta oleivora)</i>	200 g / 100 l spray mixture Add a suitable adjuvant	Apply as a full cover preventive spray in 500–3000 l spray mix per hectare. Ensure complete coverage of the foliage and developing fruit. Avoid carrier volumes and/or adjuvant combinations that result in spray runoff or drip accumulation on fruit bottoms. Make the first application when larvae first appear and/or not later than 28 days before expected harvest. Follow up with further applications (up to 3) at 7-day intervals.
Thrips <i>(Scirtothrips aurantii / Scirtothrips citri)</i>	2 kg/ha Add a suitable adjuvant	Apply as a full cover spray to new growth flushes when first signs of thrip infestation are noticed on leaves or during blossoming and just prior to petal fall when thrip larvae attack the developing fruit. Follow up with up to 2 further applications at 7-day intervals.
Psylla <i>(Trioza erytreae)</i>	3 kg/ha Add a suitable adjuvant	Apply as a full cover spray to new growth flushes or when eggs hatch (predicted or observed) and symptoms of damage are first noticed, and repeat after 7 days.

Notes:

- Proper timing of application, targeting new populations or recently hatched larvae and nymphs is important for optimal results. Apply when pest populations are low.
- Add a suitable adjuvant (wetter, spreader, penetrant eg. Villa 51, Break-Thru, Wetcit) to improve coverage on leaves and on newly developing fruit.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED.**This product is suitable for use in organic production.**

GRANDEVO WDG is a biological insecticide containing cells of *Chromobacterium subtsugae* strain PRAA4-1T and spent fermentation media that functions primarily as a stomach poison for the control or suppression of many foliar feeding pests including caterpillars and certain sucking insects and mites. It has multiple effects including reducing fecundity and oviposition, deterring feeding and acting as a stomach poison on Homoptera and Hemiptera. GRANDEVO WDG should be mixed with water and applied as a foliar spray with conventional pesticide ground spray equipment.

Apply in sufficient quantity of water, depending on crop size, to ensure thorough coverage of infested plant parts.

FIRST AID MEASURES:

INHALATION: Remove person to fresh air. If the person is not breathing, call an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for treatment.

EYES: Hold eye open and rinse slowly and gently with water for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Do not use an eye ointment. Call poison control center or doctor for treatment advice.

SKIN: Remove contaminated clothing. Rinse skin immediately with plenty of water for at least 15–20 minutes. Call a poison control center or doctor for treatment advice.

INGESTION: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or physician. Do not give anything by mouth to an unconscious person.

WARNINGS:

CAUSES EYE IRRITATION HARMFUL TO AQUATIC LIFE HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS

- Handle with care.
- Store in a cool place, away from food and feedstuffs.
- Re-entry: Do not enter treated area until spray deposit has dried unless wearing suitable 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 against the remedy concerned as well as by the method, time and accuracy of application. The registration holder furthermore 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 the event of any uncertainty.
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PRECAUTIONS:

Wash exposed areas thoroughly after handling Avoid release to the environment. 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 attention Dispose of contents / container to an approved waste disposal plant
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- Avoid inhalation of spray mist.
- Avoid contact with skin and eyes. The product may cause irritation to eyes and skin.

- Wear suitable protective clothing, rubber gloves and face protection when preparing and applying the spray.
- Do not eat, drink or smoke during the spraying operation or before washing hands and face and changing clothing.
- Avoid drift onto adjacent fields where spray may land on unprotected personnel, livestock, edible crops which are soon to be harvested, grazing, rivers or dams.
- Clean applicator before using for other remedies and dispose of wash water where it will not contaminate crops, rivers, dams and grazing.
- Clean up any spillage of concentrate with inert absorbent material and wash area thoroughly with plenty of water.
- Keep away from and prevent contamination of food, feedstuffs, drinking water and eating utensils.
- 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 container three times with a volume of water equal to 10% of that of the container. Add the rinsings to the contents of the spray tank.
- Destroy the empty container by perforation and do not use for any other purpose.

**READ THE LABEL BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

Registered by / Geregistreer deur:

Pro Farm Group, Inc.

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Reg. No. 2009/0009/07

Manufactured by / Vervaardig deur:

Pro Farm Group Inc.

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WARNING

Hazard statements	Precautionary statements
Causes eye irritation Harmful to aquatic life Harmful to aquatic life with long lasting effects	ash exposed areas thoroughly after handling Avoid release to the environment. 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 attention Dispose of contents/ container to an approved waste disposal plant

UN No/VN Nr: UNB

Emergency Number: 0861-555-777

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