

GH Grower Advisor

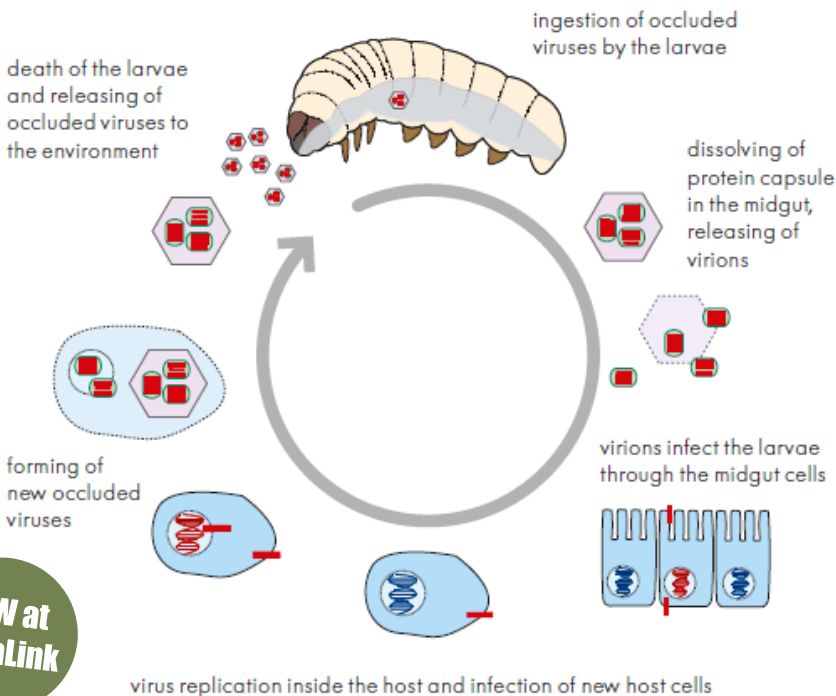
Newsletter for the Greenhouse Industry

New Product Announcement

Loopex



Loopex is a new bio insecticide available for control of Cabbage Loopers (*Trichoplusia ni*) in Greenhouse cucumbers, tomatoes and peppers. Loopex contains the active ingredient, Baculovirus which is new to the market in Canada. Cabbage Loopers ingest the virus which then replicates inside the gut. Infection of the host happens quickly resulting in slowed feeding. After around 4-5 days the host dies from the infection and releases more virus into the environment to infect more Loopers. Baculovirus is very host specific and has no effect on beneficial insects. Loopex also has certification for use in organic production systems. Next time you need to control Cabbage Loopers, Loopex is the best new Bio-Insecticide for the job.



Now at TerraLink

Miticide - Insecticide

Pylon® for Fall Insect Clean-up

This fall, vegetable and ornamental greenhouse growers should try Pylon as a great way to control various pests in the greenhouse. Pylon miticide / insecticide is a new class of chemistry, belonging to the Pyrolles (Group 13). Pylon is registered for control of a broad spectrum of greenhouse insect and mite pests. Pylon's active ingredient, Chlorfenapyr, is still fairly new in the Canadian market, which should make pests quite susceptible to it. To date, growers have reported excellent results on Two Spotted mites and Western Flower Thrips.

Pylon is quickly absorbed into the leaf within 1 hour and will not wash off, however, coverage is very important as it is not systemic. Once in the plant, Pylon provides 14 – 21 days of residual control and with the cooler, shorter days ahead should carry us to when insect and mite pressure is much lower. Pylon has a 12 hour REI and 0 Days to harvest which makes it easy to implement in your spray program.

Pylon is not safe with bees and most beneficial insects, so product should be used when pollination is completed for the season

Pylon®
miticide-insecticide



Rooted in your community.

TerraLink

and introductions of biological parasites and predators is finished. Pylon may be used on non-edible ornamental plants and listed greenhouse fruiting vegetables. DO NOT apply to greenhouse cut flowers.

Pylon is conveniently sold in 475 mL bottles with 4 bottles per case.

- Pests Controlled: Alfalfa looper, Cabbage looper, Foliar nematodes, Spider mite, Two-spotted spider mite, Tobacco budworm, Tomato hornworm, Western flower thrip (ornamentals only)
- Crops: Fruiting Greenhouse Vegetables, Ornamentals

Get a clean start... and finish with PYLON.®

Always consult the label for instructions and limitations.

Sanitation Keys

Virkon Greenhouse

Virkon Greenhouse is a non corrosive germicide (viricide, fungicide & bactericide) for disinfection of hard surfaces and equipment in greenhouses.

Some of the keys to its effective use is to first clean all surfaces with an appropriate cleaner or detergent to remove as much organic matter as possible prior to disinfection. Do not apply Virkon Greenhouse directly to plants, seed or soil.

Thoroughly wet all cleaned surfaces with a 1% w/v solution and leave on the surface for minimum 10 minutes. For metal surfaces do not leave on longer than 30 minutes. Rinse any metal surfaces with clean water after disinfection.

Virkon has been used effectively for years in footbaths and as a disinfectant spray in the greenhouse prior to planting new crops; the PCP number now allows for its legal usage with efficacy, safety and rates approved by government regulation. Virkon is also effective for disinfecting harvest bins, pruning/picking knives during harvest to prevent disease transmission in the crop and other greenhouse equipment.

Here is an example of some organisms effectively controlled: *Alternaria* (early blight), *Botrytis* (grey mould), *Clavibacter* (bacterial canker), *Collectotrichum* (black dot root rot), *Didymella* (black stem rot), *Fusarium* (wilt), *Penicillium* (stem rot), *Phomopsis* (black root rot), *Pseudomonas* (bacterial speck), *Pyrenochaeta* (corky

root rot), *Pythium* (damping off), *Rhizoctonia* (damping off), *Sclerotinia* (white mould), *Thielaviopsis* (root rot), *Verticillium* (wilt) and *Xanthomonas* (bacterial spot). Sanitation is the best preventative measure against most pathogens. Start clean wherever possible.

To earn other benefits from your Virkon purchases, visit <http://vetoquinolclub.ca/> and join up for the Vetoquinol Club. You will earn points for your purchases that can be used toward rewards for yourself or donate your points to charity to help others.

Water Soluble Fertilizers

Precision Fertility with Plant Prod



With Plant-Prod you are assured of premium high quality raw materials, purity and high solubility. All are formulated with chelated micronutrients that are at higher levels than typical agricultural grade blends making them fully available to the plant. All blends are tested for quality control and are production stamped for traceability. Due to the absence of contaminants and fillers, the EC levels are consistently low and uniform. The purity of Plant-Prod sets it apart from the competition.

Solubility is a sign of the quality and purity of the materials used in creating fertilizer. If a fertilizer is not completely soluble, material may settle at the bottom of your tank and create an imbalance of nutrients for your plants. All Plant-Prod fertilizers stay completely dissolved as only technical grade raw materials are used. No fillers or chemical reagents are added. Strict attention to uniformity assures growers that each bag of Plant-Prod will be the same year after year.

Can't find a fertilizer that's right for you? Plant-Prod is dedicated to producing the most innovative, highest quality water soluble fertilizers on the market. If we do not have a blend in our inventory to suit your needs, a custom blend may be right for you.

Popular blends:

- **17-5-17 Complete** – An all-in-one program containing high levels of nitrate with no urea. Available over a wide pH range. 5 macros in one bag so there is not need to alternate formulas for a complete nutritional program. N, P, K, Ca & Mg plus fortified micronutrients. Neutral formulation with minimal impact on pH. Perfect for Spring feeding.
 - **High Nitrate 20-8-20** – Backbone of many greenhouse grower's nutritional programs. Over 60% of N is in nitrate form. Use in rotation with Cal Mag 14-0-14 or Optimum Cal Mag 12-2-14.
 - **Optimum Cal Mag 12-2-14** – Designed for plug production but can also be a Cal/Mag supplement for many crops. Contains all 5 macronutrients and a complete micronutrient package.
 - **Starter 10-52-10** – For young plants to initiate rapid root development.
 - **Finisher 12-0-44** – Ideal for uniform growth, better color and improved plant tone in winter months and when finishing crops.
 - **Classic 20-20-20** – Use when a general formulation is required and rapid green up is needed. With or without dye.
 - **High K 15-15-30** – Recommended when plants are setting bud, as well as during maturation and blooming.
- If you are looking for a specialty blend which is crop specific, contact us. A couple of options we carry are:
- **18-6-20 Poinsettia Plus** – Contains over 60% of the nitrogen in the nitrate form and a high level of magnesium and increased molybdenum as required by poinsettias. Chelated micros for the best availability.
 - **7-11-27 Hydro Veg** – With mostly nitrate nitrogen and 3.75% magnesium for an extremely high quality water soluble fertilizer designed to be applied with calcium nitrate to produce a complete fertilizer. For rockwool, nutrient film technique and other types of hydroponic culture.

Many more blends available. For excellent results in greenhouse production or foliar feeding you can rely on Plant-Prod water soluble fertilizers.