

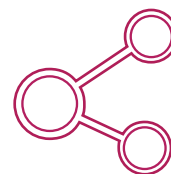


FIVE REASONS TO TRUST MAINSPRING[®] GNL INSECTICIDE TO PREVENT PESTS

1

Truly unique chemistry

- Powered by the active ingredient *cyantraniliprole*
- Novel class of chemistry in IRAC Group 28
- Not susceptible to cross-resistance with neonicotinoids
- MPS Sustainable Quality certification: Green



2

Practical worker safety

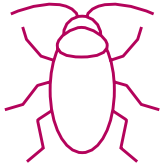
- Minimal PPE - gloves and coveralls are not required for application
- Four-hour REI (restricted-entry interval) and no signal word on label
- Registered by the U.S. EPA under its Reduced Risk Program*

3

Long-lasting, broad-spectrum control

- Prevents damage caused by multiple insect pests including thrips, aphids, whiteflies, leafminers, caterpillars, leaf-feeding beetles (adult and larval stages), lace bugs and soft scales
- Feeding stops within minutes after ingestion
- **Drench** application residual: 6-9 weeks of protection
- **Spray** application residual: 14-21 days of protection





4

Compatible with beneficial insects

- Ideal for use with Integrated Pest Management programs and beneficial insects including predatory mites, parasitoids and other predators:
 - Thrips – *Amblyseius cucumeris*, *Orius spp.*
 - Whiteflies – *Amblyseius swirskii*, *Eretmocerus eremicus*, *Encarsia formosa*
 - Two-spotted Mites – *Phytoseiulus persimilis* or *Amblyseius californicus*
- Research has shown overlapping stages of *Amblyseius swirskii* eggs and mobiles found 4 weeks after the last mite release, indicating good compatibility with Mainspring GNL drench treatment**

5

Proven performance - What growers are saying

- “If we want 100% coverage, we drench with Mainspring GNL. We were not seeing any caterpillars, thrips, aphids or leafminers on our outdoor mums. With poinsettias, we drenched 8 weeks prior to shipping and found it held perfectly.”
– **Amy Morris, head grower, N.G. Heimos Greenhouses**
- “Mainspring GNL was very effective for controlling whitefly on our poinsettias. We appreciate that it can be applied as a drench and provides at least 6-8 weeks of control. We also use a lot of beneficial insects and it did not have a negative impact on them.”
– **Kevin Pennings, grower, Van Vugt Greenhouse**
- “All our hanging baskets are treated with Mainspring GNL about three weeks after transplant. This has provided very effective aphid control. I appreciate the low REI and the ability to incorporate it into my IPM strategy.”
– **Marybeth Martin, head grower, Michael’s Greenhouses**



For more information about how Mainspring GNL can shield your greenhouse and nursery crops, please visit GreenCastOnline.com/MainspringGNL

*A reduced risk pesticide use is defined as one which may reasonably be expected to accomplish one or more of the following; (1) reduces pesticide risks to human health; (2) reduces pesticide risks to non-target organisms; (3) reduces the potential for contamination of valued, environmental resources, or (4) broadens adoption of IPM or makes it more effective. Mainspring GNL qualifies under one or more of the above criteria.

** Research conducted in 2016 at the University of Florida-Apopka and USDA-ARS Lab in Ft. Pierce, FL.



Mainspring® GNL
Insecticide

syngenta®

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