

BROAD SPECTRUM GREENHOUSE PEST MANAGEMENT

Greenhouse



LALGUARD M52 GR (formerly Met52) is an effective and versatile **bioinsecticide for foliar and soil pest management**. Composed of spores of the fungus *Metarhizium brunneum* strain F52 (formerly *Metarhizium anisopliae*), this bioinsecticide provides proven pest control efficacy with minimum impact to applicators, non-targets, and the surrounding environment.

LALGUARD M52 GR offers growers and landscape professionals **proven efficacy** against **the most destructive** pests infesting greenhouse and nursery crops, which include:

- ✓ **Black Vine Weevil**
- ✓ **Strawberry Root Weevil**
- ✓ **Thrips pupae**

Refer to the product label for the complete list of pests.

ADVANTAGES

- **Broad spectrum** control
- No known risks for resistance
- **Compatible with IPM programs** using beneficial insects
- Tolerance exempt

MODES OF ACTION

LALGUARD M52 GR causes the target insect to die in 3 to 5 days after application. When in contact with the pest, spores of the active ingredient:

- Adhere to the insect's body
- Germinate and penetrate the insect cuticle (3 to 4 hours)
- Colonize and kill the insect

CHARACTERISTICS

Reg. No. 29147

Active Ingredient

Metarhizium brunneum strain F52

Package Size

10 kg (22 lbs)

Storage information

12 month shelf-life in a cool, dry place $\leq 23^{\circ}\text{C}$ (73°F).

0-hour REI soil incorporated

0-day PHI

Always read and follow label instructions.

RECOMMENDED CROPS



Greenhouse Berry Fruits & Strawberry



Greenhouse Leafy Vegetables



Greenhouse Ornamentals

PRODUCT USE RECOMMENDATIONS

Apply LALGUARD M52 GR prior to or during planting by thoroughly mixing the product into the growing medium, ensuring even distribution.

APPLICATION RATES

CROP	PEST	APPLICATION	RATE
Container-grown ornamentals, including flowering, and foliage plants, shrubs, and shade, and forest tree seedlings	Black Vine Weevil (all growth stages) Strawberry Root Weevil (all growth stages)	Growing medium/ soil incorporation	500 g to 1.5 kg/m ³ of moist soil medium*
	Thrips pupae	Growing medium/ soil incorporation	1.5 kg/m ³

* Use higher rates for higher pest pressures.

About Lallemand Plant Care

For over 100 years, Lallemand has been an expert in yeast and bacteria manufacturing. It is now a global leader in the development, production, and marketing of microorganisms for various industries. Using sound science and know-how, Lallemand Plant Care provides effective microbial-based solutions that deliver agronomic, economic, and sustainable value to growers.

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