

MILAGRUM PLUS®

An OMRI-listed *Bacillus subtilis* formulation that prevents downy mildew, black rot (Northern), apple scab, potato and tomato early and late blight and other foliar diseases. Milagrums Plus® is a new generation strain of *Bacillus subtilis* (no less than 1 x 10⁷ CFU/mL), developed with Bioevology® Technology.



Bioevology® Technology

Synergistic co-formulants are added to the fermentation of *Bacillus subtilis* to create a complex formulation with increased efficacy

Features of MILAGRUM PLUS

- Three modes of action: Direct fungicidal activity, ISR activation, and competitive exclusion of fungal spores
- Can be applied as a foliar or soil application by all common application techniques. It can also be used as seed/tuber dip treatment.
- A high level of disease control makes it a perfect addition to a resistance management program
- *Bacillus subtilis* strain IAB/BSO3 is classified as a Plant Growth-Promoting Rhizobacteria (PGPR). PGPR's are free-living bacteria that have beneficial effects on plants as they increase plant productivity, enhance crop fertility, growth and root development
- 4-hour REI, O-Day PHI, MRL exempt, no visible residue

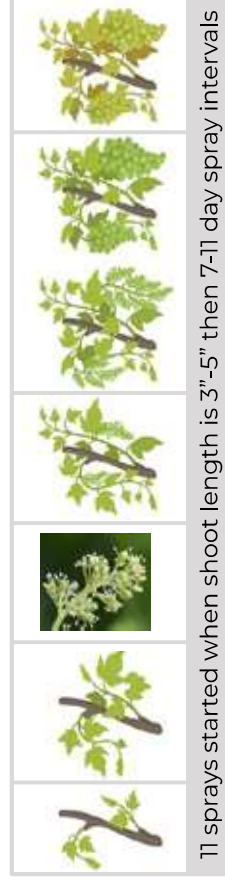
Use Rate

- Foliar and soil applications: 40 - 60 oz/100 g of spray solution
- Seed and tuber dip: 20 - 60 oz/100 g of solution

Trials at Michigan State University show MILAGRUM PLUS offers control comparable to a conventional pesticide spray program. It should be a key component in every spray program to combat disease resistance.

Disease Control on Niagara Grapes

Michigan State University, Clarksville, MI



Jun 4	Jun 16	Jun 24	Jul 1	Jul 8	Jul 15	Jul 23	Jul 29	Aug 5	Aug 12	Aug 19
Manzate Max 0.56 gal	Around 12 oz	Revus Top 7 oz	Pristine 23 oz	Pristine 23 oz	Revus Top 7 oz	Pristine 23 oz	Revus Top 7 oz	Revus Top 7 oz	Revus Top 7 oz	Revus Top 7 oz

Spray Dates:

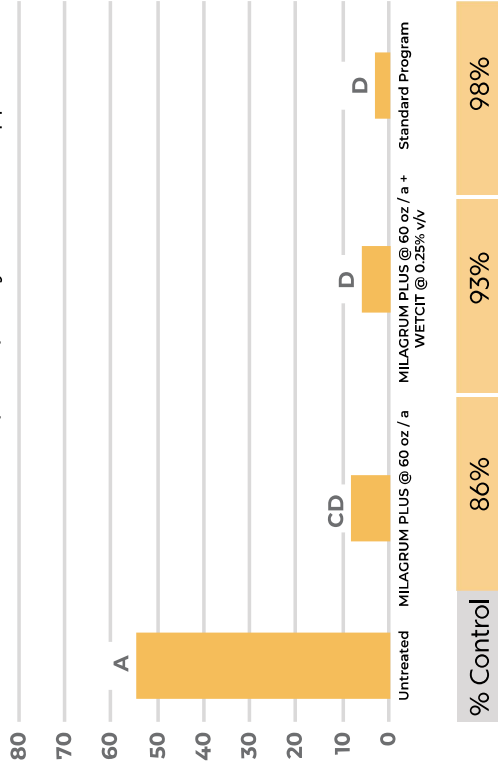
Standard Program:





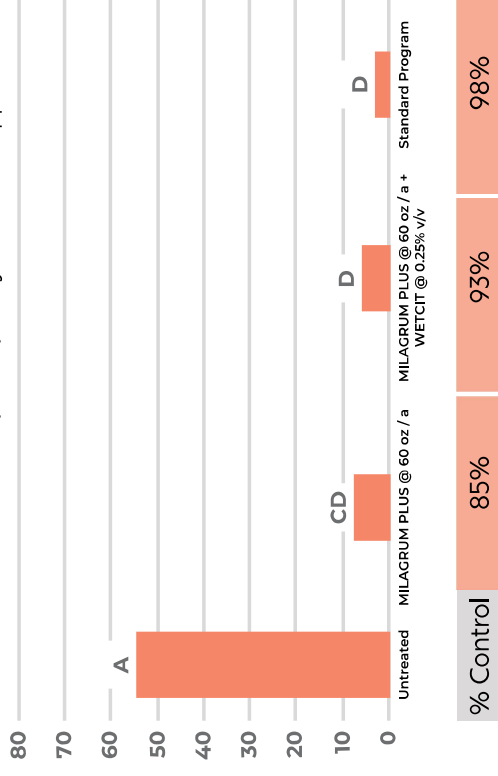
Control of Black Rot

Disease Index on Clusters (O-100) 7 Days After Last Application



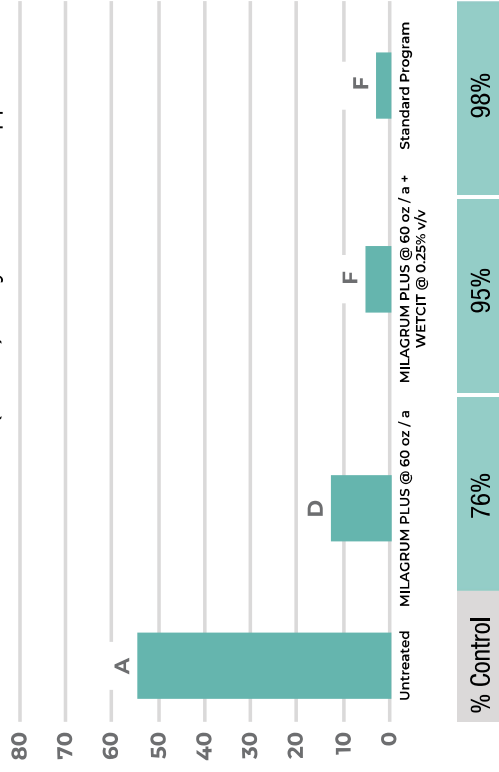
Control of Phomopsis

Disease Index on Clusters (O-100) 7 Days After Last Application



Control of Downy Mildew

Disease Index on Clusters (O-100) 7 Days After Last Application



For more information contact your local Rovensa Next representative or visit rovensanext-na.com

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