

Outstanding Control of Lepidopteran Pests

DiPel® DF Biological Insecticide Dry Flowable is a proven insecticide derived from a soil bacterium that selectively targets destructive caterpillars and worms. *DiPel* DF delivers excellent control of lepidoptera larvae in vegetables. In addition, the zero days pre-harvest interval and tolerance exempt profile (no global MRLs restrictions) make *DiPel* DF an excellent choice for application before and during harvesting.

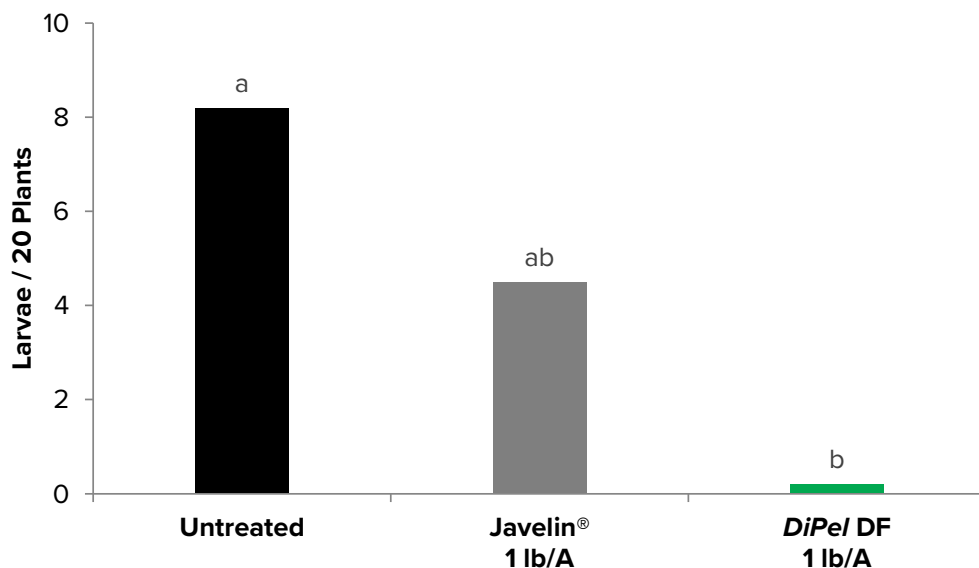
- ▶ **Proven Lepidopteran Larvae Control:** Data shows *DiPel* DF is highly effective against lepidopteran larvae in vegetables
- ▶ **Excellent Fit for Resistance Management Programs:** *DiPel* DF is a great rotational partner to reduce the potential of worms developing resistance to insecticides with other modes of action
- ▶ **Quality is Critical:** *DiPel* DF is backed by a strict quality assurance process with live insect bioassays to ensure growers receive consistent and certified product that meets specifications before, during and after an application is made
- ▶ **Highly Selective—Won't Harm Beneficial Insects:** *DiPel* DF does not diminish or harm valuable beneficials
- ▶ **Apply Up to Harvest:** Short 0-day PHI and 4-hour REI
- ▶ ***DiPel* DF is NOP Compliant and OMRI Listed for Use in Organic Production**

DiPel DF Demonstrates Superior Lepidoptera Control

In a Florida lettuce field trial, *DiPel* DF showed excellent broad spectrum control with fewer Southern armyworm larvae on plants treated with *DiPel* DF.

Means followed by the same letters are not significantly different ($P \leq 0.10$)

Source: Better Crops, LLC (2019CCAM2005)

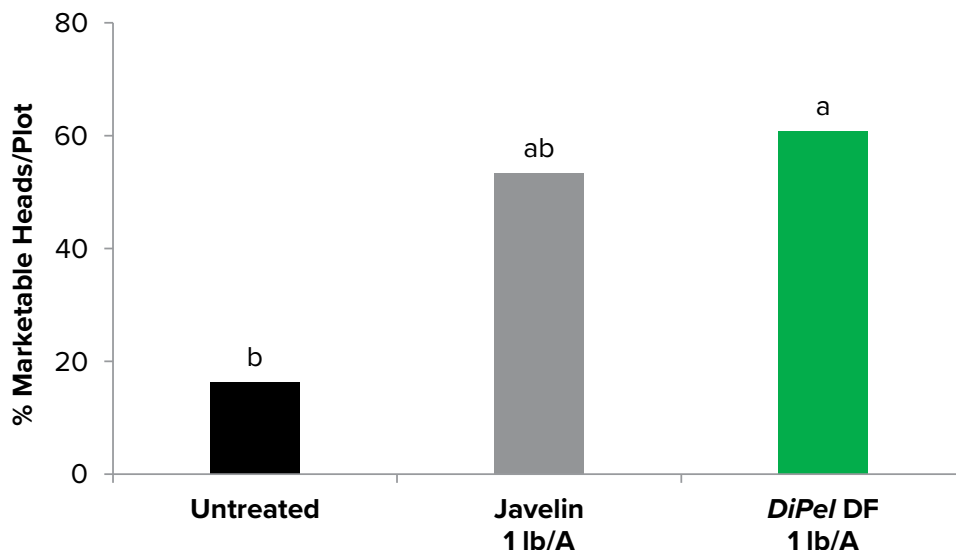


DiPel DF Yields A Higher Percentage of Marketable Product

The lettuce fields that were treated with *DiPel* DF produced more marketable heads per plot.

Means followed by the same letters are not significantly different ($P \leq 0.10$)

Source: Better Crops, LLC



How To Use

Rate	0.5–2 lb/A
Timing	Treat when larvae are young (early instars) before the crop is damaged
Method	Ground or air
Spray Volume	Coverage is key to control. Use sufficient spray volume. For optimal results, use at least 20 gallons of water per acre for ground application; for aerial application, use at least 3 gallons of water per acre.
Adjuvant	Use a spreader-sticker for hard-to-wet crops or to improve weather fastness
REI	4 hours
PHI	0 days—no MRL restrictions

Other Important Information

- ▶ Larvae must be actively feeding on treated, exposed plant surfaces
- ▶ Thorough spray coverage is needed to provide a uniform deposit of *DiPel* DF at the site of larval feeding. Use overhead and drop nozzles to obtain good spray coverage on both sides of foliage.
- ▶ Under heavy pest population pressure, use the higher label rates, shorten the spray interval, and/or raise spray volume to improve spray coverage



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[†]DiPel® DF Biological Insecticide Dry Flowable is NOP compliant and OMRI Listed for organic production.



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