BT NOW®

Biological Insecticide

BT NOW is a water-based, liquid, that offers highly effective control of lepidoptera on a wide variety of crops. Utilizing a new strain of the *Bacillus thuringiensis* ssp. *kurstaki* (Btk) bacteria, BT NOW quickly incapacitates a pest's ability to feed, resulting in death from starvation or septicemia days after.

ACTIVE INGREDIENTS:

***Bacillus thuringiensis* ssp. *kurstaki* strain EVB-113-19 fermentation solids, spores, and insecticidal toxins..... 14.49%**

OTHER INGREDIENTS..... 85.51%

TOTAL..... 100.00%

LEPIDOPTERA PESTS

Armyworms, loopers, leafrollers, skippers, moths, caterpillars, fruitworms, cutworms, hornworms, budworms, webworms, and many others

KEY FEATURES & BENEFITS

- Easy-to-use, water-based liquid formulation
- Stabilized with UV inhibitors for better performance
- Four-hour REI; zero-day PHI
- Low residue; MRL exempt
- Not harmful to beneficials/pollinators
- Ideal for IPM programs; low resistance potential (IRAC group: 11A)
- Tank mix compatible with many commonly used pesticides, fertilizers, adjuvants

MODE OF ACTION

BT NOW is composed of bacterial spores and protein crystals containing insecticidal cry toxins which are only activated when consumed by lepidoptera and solubilized in the insect's alkaline gut. The activated cry toxins bind to specific gut receptors and quickly disrupt and paralyze certain digestive functions and halt feeding activity. While the insect larvae will not immediately die from these spores and toxins, plant tissue will be protected from damage as the pest halts all feeding within minutes. Insect death occurs 2-5 days later, as the activated toxins disrupt membrane integrity in the midgut leading to a break down allowing Bt spores to enter the body, proliferate, and kill the pest.

HOW SHOULD BT NOW BE USED?

For optimal results, employ early scouting programs to identify infestations for best application timings. BT NOW is most effective during the active feeding stages of early instar lepidoptera. Apply at first signs of feeding or when scouting program identifies pest presence. Ensure thorough coverage of foliage, as product must be consumed.

APPLICATION NOTES

- For best performance, apply in the morning, evening, or during overcast conditions 24-48 hours before forecasted rainfall.
- Do not make applications during heavy periods of morning dew. Dry weather will allow larvae to ingest a lethal quantity of spray deposits.

OMRI LISTED For Organic Use

MADE IN THE USA

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Contact BioSafe Systems for specific application and tank-mixing instructions. See label for full list of crops and pests. Not all products are registered in every state, call 1-888-273-3088 for details.

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