



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

February 26, 2020

Sarah K. Caffery  
Pesticide Product Registration Specialist  
Office of Indiana State Chemist  
175 South University St.  
West Lafayette, IN 47907

Subject: Corrections to Registration Action Under FIFRA Section 24(c)  
Use of Venerate XC on Outdoor and Field-grown Hemp in Indiana to Manage Thrips, Aphids, Mites,  
Wireworms and Caterpillars  
EPA Special Local Need (SLN) No. IN200009  
Your Submission Dated January 31, 2020

This will acknowledge receipt of your notification to the Agency of a registration, pursuant to section 24 (c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as follows:

Product Name: Venerate XC  
EPA Registration No.: 84059-14  
24(c) Registrant: Marrone Bio Innovations  
1540 Drew Ave.  
Davis, CA 95618

The Agency has reviewed the submitted materials and determined that the subject SLN registration for use of Venerate XC on hemp to manage European corn borers, corn earworms, wireworms, thrips, aphids and mites (including two-spotted spider mite, russet mite and broad mite), from attacking hemp is acceptable.

If you have any questions concerning this letter, please contact Joseph Mabon of my team by telephone at (703) 347-0177 or via email at [mabon.joseph@epa.gov](mailto:mabon.joseph@epa.gov).

Sincerely,

A handwritten signature in cursive script, appearing to read "Susanne Cerrelli".

Susanne Cerrelli, Acting Product Manager 92  
Microbial Pesticides Branch  
Biopesticides and Pollution Prevention  
Division (7511P)  
Office of Pesticide Programs

**Special Local Need FIFRA Section 24(c) Label**

VENERATE XC  
HEMP  
STATE OF INDIANA



SPECIAL LOCAL NEED FIFRA 24(C) LABEL  
FOR THE USE OF VENERATE® XC BIOINSECTICIDE  
On Hemp in Indiana

This label and the federal label for this product must be in the possession of the user at the time of pesticide application. Follow all applicable directions, restrictions, Worker Protection Standards (WPS) and precautions on this supplemental label and the main EPA-registered label.

FOR DISTRIBUTION AND USE ONLY IN THE STATE OF INDIANA.

**This supplemental labeling expires on 12/31/2025 and must not be used or distributed after this date.**

VENERATE® XC  
EPA Reg. No. 84059-14  
SLN no. IN-200009

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**Active Ingredient:**

Heat-killed *Burkholderia* spp. strain A396 cells and spent fermentation media\* ..... 94.46%  
Other Ingredients: ..... 5.54%  
Total: ..... 100.00%

\*Contains not less than 1,500 Beet Armyworm Killing Units (BAWKU)/mg. Note: The percent active ingredient does not indicate product performance and potency measurements are not federally standardized.

**ENVIRONMENTAL HAZARDS**

For terrestrial uses: Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. See the Directions for Use section of this label for application instructions that minimize risk to bees and other beneficial insects, *including those used in Integrated Pest Management (IPM) programs or organic agriculture.*

**Pre-harvest Interval (PHI) = 0 days**

Crop	Target Pest(s)	Application
Hemp, Outdoor field- grown	Thrips Aphids Mites, including twospotted spider mite, russet mite, broad mite European corn borer Corn earworm	Foliar, 2-4 quarts Venerate ® XC per acre in water volume sufficient to provide complete coverage of all above ground foliage. Minimum water volume is 10 gallons per acre, increased water volume may be necessary to provide complete coverage. Repeat application at an interval sufficient to maintain control, usually 3-10 days.
	Wireworm	In-furrow, drench, or drip irrigation. 4 quarts Venerate ® XC per acre. Where wireworms are present, apply at planting, after transplant or during the growing season.

**Special Local Need FIFRA Section 24(c) Label**

VENERATE XC  
HEMP  
STATE OF INDIANA



**All applicable directions, restrictions and precautions on the EPA-registered label are to be followed.**

This FIFRA Section 24(c) supplemental label contains new or additional directions for use of this product, which may not appear on the package label. Read and carefully observe the cautionary statements plus all the other information appearing on the product label.

The User assumes all risks related to the use, performance and crop tolerances arising, and agrees to hold Marrone Bio Innovations Inc. harmless from any claims in connection with the uses described.

**This supplemental label and the federal label for this product must be in the possession of the user at the time of pesticide application.**

Venerate® XC is a registered trademark of Marrone Bio Innovations, Inc.

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[www.marronebioinnovations.com](http://www.marronebioinnovations.com)