

**New York State Department of Environmental Conservation**  
**Division of Solid and Hazardous Materials**  
**Bureau of Pesticides Management**  
**Pesticide Product Registration Section**  
625 Broadway, Albany, New York 12233-7257  
**Phone:** (518) 402-8788 • **Fax:** (518) 402-9024  
**Website:** [www.dec.ny.gov/chemical/298.html](http://www.dec.ny.gov/chemical/298.html)  
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Alexander B. Grannis  
Commissioner

March 5, 2009

Dr. Anthony Shelton  
Department of Entomology  
Cornell University  
New York State Agricultural Experiment Station  
630 W. North Street  
Geneva, NY 14456

Dear Dr. Shelton:

**Re: FIFRA 2(ee) Recommendation for the Use of Warrior Insecticide with Zeon Technology  
(EPA Reg. No. 100-1112)**

The New York State Department of Environmental Conservation has approved your FIFRA 2(ee) Recommendation for the use of Warrior Insecticide with Zeon Technology (EPA Reg. No. 100-1112) to control the unlabeled pest swede midge on cabbage, cauliflower, broccoli, and Brussels sprouts.

Enclosed is the stamped “accepted” copy of the recommendation. If you have any questions regarding this letter, please contact me at 518-402-8768.

Sincerely,

*Shaun Peterson*

Shaun Peterson  
Environmental Chemist 1  
Pesticide Product Registration Section

Enclosure

ecc w/enc: W. Smith, Cornell University, PMEP  
R. Mungari, NYS Department of Agriculture and Markets

Mar 5, 2009

Classified for  
"RESTRICTED USE"  
in New York State  
under 6NYCRR Part 326

**FIFRA 2(ee) Recommendation**  
**Warrior Insecticide with Zeon Technology**  
**EPA Reg. No. 100-1112**

New York State Department  
of Environmental Conservation  
Division of Solid & Hazardous Materials  
Pesticide Product Registration

Researcher and Title: A. M. Shelton, Professor of Entomology, Cornell/NYSAES

Target Crops: Cabbage, Cauliflower, Broccoli, and Brussels Sprouts

Target Pest: Swede midge, *Contarinia nasturtii*

Proposed Application Rate: 2.56-3.84 oz Product/Acre

Nature of 2(ee) Variation from Product Label: The current label does not include swede midge as a labeled pest. This pest was first discovered in New York in 2004 and has caused considerable damage in some areas of the state. Our past work has shown that it can be an effective insecticide against this pest (Wu, Q., J. Z. Zhao, A. G. Taylor and A. M. Shelton. 2006. Evaluation of insecticides and application methods against swede midge, a new invasive pest in the US. J. Econ. Entomol. 99:117-122).

Complete recommendation as it will appear in Cornell Recommends:

Trade name: Warrior Insecticide with Zeon Technology

Rate/A Product: 2.56-3.84 oz Product/A

PHI (days): 1

REI (hours): 24