



THE UNIVERSITY OF VERMONT
EXTENSION



THE UNIVERSITY OF VERMONT
FRUIT PROGRAM



**NORTHEAST
EXTENSION
RISK
MANAGEMENT
EDUCATION**

POLLINATION AND POLLINATOR MONITORING IN APPLE ORCHARDS

**UVM Horticulture Research and Education Center (HREC) and Catamount Educational Farm
65 Green Mountain Drive, South Burlington, VT 05403
Wednesday May 10 from 4:30 to 6:30pm**

Join the Vermont Vegetable and Berry Growers Association, The University of Vermont Tree Fruit Program, Vermont Center for Ecostudies, and the University of Vermont Extension at this free hands-on workshop to increase your understanding of wild pollinators, their habitat, pollination in apple production, and pesticide applicator updates. This event is free and is geared to commercial growers and people that work with them. **Pesticide applicator credits available: 2 credits for categories 1A, 2A, 3A, 3B, 7A, 7B, 10, 1, 2, 3, 4, 5, and 6. Certified Crop Adviser CEUs available: 1 Integrated Pest Management credit and 0.5 Crop Management credit.**

AGENDA

4:30pm: Welcome, introductions

4:40pm: Overview of UVM Horticulture Research and Education Center and Catamount Educational Farm, management practices in apples and future goals. Basics about apple flowers and pollination requirements. Timing of flower and fruit development, pollen characteristics, differences among varieties, factors to decide using managed bees or not, IPM considerations. (Terry Bradshaw, UVM)

5:00pm: New pesticide rules, application updates for the protection of bees, above and beyond the label. (Brooke Decker, VAAFM)

5:15pm: "Know your 5", introduction to wild pollinators and top bee species likely to be found pollinating your apple crop and how to support them. (Spencer Hardy, VCE)

5:30pm: Hands-on monitoring for crop pollination exercise: Practice protocol, observe, count, and identify on farm pollinators using record sheet provided. (Laura Johnson, UVM Extension)

6:00pm: Activity reflection. Share your results with the group. What types of pollinators were observed on apple blooms? How did it go? Anything surprising? (Laura Johnson, UVM Extension)

6:15pm: Questions/Resources/Closing/Evaluation/Feedback (All)

6:30pm: See you next time and thanks for coming!

For more information or if you require a disability-related accommodation to participate, please contact Laura Johnson at 802-656-4827 or laura.o.johnson@uvm.edu so we may assist you.



National Institute of Food and Agriculture

U.S. DEPARTMENT OF AGRICULTURE

This material is based upon work supported by USDA/NIFA under Award Number 2021-70027-34693.