



# Northeastern IPM Center Partnership Grant Impacts



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## Next-Generation Support for Northeast Tree Fruit IPM Working Group (2021–2023)

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### THE NEED

- In the past decade, retirements at Land Grant and other partner institutions have compromised the collective institutional memory of IPM practitioners in the region. With the continuing retirements of faculty and extension educators devoted to tree fruit IPM, it is clear that in the Northeast region, university and Extension expertise in individual disciplines, including entomology, plant pathology and horticulture, has significantly decreased.
- In addition, after retirements, a smaller number of next-generation tree fruit IPM experts are being hired and more expectations are placed on them, so there is a clear need for networking to facilitate the transfer of IPM knowledge.



The Northeast Tree Fruit IPM Working Group Annual Meeting:



Fireblight infections in older limbs leading to death of shoot growth. Photo: Jaime Pinero



Characteristic salmon colored sporulating concentric rings of bitter rot on developing Honeycrisp. Photo: Jaime Pinero



Plum Curculio (PC) *Conotrachelus nenupha* causes damage on apples in New York's Hudson Valley. Photo: Peter Jentsch



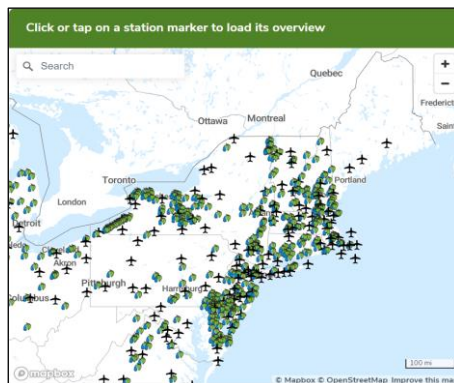


## IMPACTS

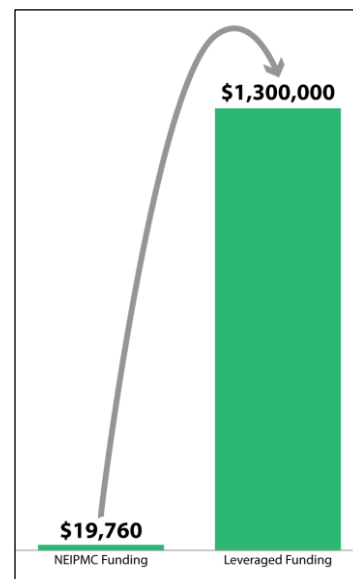
- For every \$1 received from the Northeastern IPM Center, \$67 were awarded to the Northeast Tree Fruit IPM Working Group from additional funding sources. Building on initial USDA-NIFA funding of \$19,760 from 2021-2023 awarded by the Northeastern IPM Center, the working group obtained **5 additional grants, which leveraged about \$1.3 million (see infographic below).**
- The Northeast Tree Fruit IPM Working Group successfully networked to facilitate the transfer of knowledge to the next generation of tree fruit IPM experts in the Northeast utilizing advances in information technology and program delivery. For example, the group created a listserv, a webinar, and 2 [videos](#), which reached 1,259 people about the state of Northeastern Tree Fruit IPM. This work included tutorials on cutting edge tree fruit IPM decision tools such as the Network for Environment and Weather Applications ([NEWA](#) 3.0).
- It is clear that the Northeast Tree Fruit Working Group is an impactful network of collaboration:
  1. In total, over \$2.6 million in collaborative projects were reported by group members and attributed to working group collaborations.
  2. 95% of group members indicated they were more connected to their peers as a result of group activity.
  3. The group complete a list of [Priority Needs Northeast Tree Fruit IPM Research and Extension 2021](#) and posted to NEIPM website.



The Northeast Tree Fruit Working Group participants represent CT, MA, ME, NH, NJ, NY, PA, RI, VA, VT, WV, and Canada.



The Northeast Tree Fruit IPM Working Group utilizes Network for Environment and Weather Applications ([NEWA](#)) Apple IPM Tools to 1) better manage pests; and 2) to facilitate the transfer of knowledge to the next generation of tree fruit IPM experts in the Northeast.



The working Northeast Tree Fruit Working Group leveraged \$19,760 of Northeastern IPM Center funds into \$1,300,000 additional grant dollars.

## WEBSITES

<https://www.northeastipm.org/working-groups/tree-fruit/>  
<https://www.youtube.com/@northeasttreefruitipm3841/videos>