

New York State Berry Growers Association
Spotted Wing Drosophila Winter Regional Workshops

TIME	TOPIC SECTION	SPECIFIC TOPIC
8:30	Registration	Workshop sign-in, DEC credits sign-in, announcements
9:00	Introduction	Welcome (10 min)
9:10	SWD Biology -	An overview of Spotted Wing Drosophila (SWD) biology including recent findings that impact management decisions throughout the year, seasonal population dynamics, winter survival, seasonal use of wild hosts, late season fruit infestation. (30 min)
9:40	SWD Management- Early Warning	A report of recent research findings examining the use of adult SWD trapping to 1) provide early warning for fruit infestations and 2) inform early season pest management decisions. The report will be followed by a demonstration of trap content processing and a hands-on activity focused on identifying SWD adults from trap contents. (50 min)
10:30	SWD Management- insecticides	A presentation on the most up to date information on insecticide efficacy and recommendations for spray rotations for various markets. The talk will also include a discussion of: 1) how to improve insecticide efficacy with the addition of sugar as a feeding stimulant, 2) a review of insecticide classes in relation to resistance management strategies, 3) reduced risk materials for pollinator health and 4) findings from a fixed sprayer system for tunnel raspberries (45 min)
11:15	SWD Management- insecticides	A 15 minute discussion of important information regarding spray application and equipment options for farms of all sizes followed by a hands-on activity using water sensitive spray cards to assess spray coverage. (45 min)
12:00	Lunch	<i>Introduction of SWD working group priorities survey; workshop evaluation.</i>
1:00	Management- cultural	Cultural control strategies for SWD including exclusion netting, daily harvest, pruning, and post-harvest practices will be discussed. (30 min)
1:30	Management- bio control	An overview of biological control agents that are currently being investigated for management of SWD, including parasitoids and entomopathogens. (30 min)
2:00	Management- behavioral modification	Findings from a mass trapping approach to SWD management will be presented and the potential for use of an attract and kill or push-pull management approach will be discussed. (15 min)
2:15	Getting ready for 2015 – recognizing SWD signs and symptoms	An overview of SWD symptoms, recognizing infested fruit and assessing larval infestations in order to make management decisions to include a hands-on activity using salt floatation to assess larval infestations of fruit. (45 min)
3:00	Getting ready for 2015 – SWD resources	A review of findings from the SWD monitoring network. How the network and other online resources can be used for making pest management decisions will be discussed. (30 min)
3:30	Getting ready for 2015 – Educating your customer base	Tips on how to talk to the media and public about SWD (15 min)
3:45	Getting ready for 2015	Wrap up discussion, NYSBGA membership, funding, etc. (15 min)
4:00	End session	Safe travels

Speakers: Juliet Carroll (Cornell, NYS IPM), Penny Heritage (NYS Berry Growers Association), Peter Jentsch (Cornell, Entomology), Andrew Landers (Cornell, Entomology), Greg Loeb (Cornell, Entomology), Laura McDermott (Cornell CCE), Dale Ila Riggs (Grower & NYS Berry Growers Association), Anna Wallingford (Cornell, Entomology)