

## 2016 SWD IPM WG Priorities — summarized from 2015 ranked priorities, Northeastern IPM Center

Rank	SWD Research Priorities
1	Insecticide resistance management
2	Management recommendations for next season (optimize sampling, management practices, economic analysis)
3	Overwintering biology (dispersal, migration, refugia)
4	Biological control (predators, parasitoids, symbionts of SWD, genetic control)
5	Post-harvest management (packing house, sorting, refrigeration)
6	Life cycle research (degree days, developmental models, predictions, validation, landscape ecology, host plants, population genetics)
7	Timing and optimization of insecticide applications (# of applications, spray technology, residue weathering, synergists, adjuvants, feeding stimulants)
8	Treatment thresholds (economic analysis, monitoring)
9	Behavioral control (repellants, attract & kill, mass trapping, trap crops, host plant volatiles)
10	Exclusion methods (protected culture)
11	Resistant varieties (fruit susceptibility characteristics, host resistance mechanisms, variety preferences)
12	Early detection monitoring tools
13	Horticultural management (sanitation, groundcover management, pruning)
14	New chemicals (larvacides, ovicides, insecticide trials, organic materials)
Rank	SWD Extension Priorities
1	Develop recommendations for yyyy as part of an IPM program (IPM tactics, detection, prep for next year, large vs. small acreage, insecticide properties)
2	Advances in application technology (sprayer technology, overhead fixed spray systems, unique insecticide properties)
3	Develop educational resources ( <i>what format?</i> ) (bring together for grower, international efforts, clearing house, SWD IPM)
4	Education on SWD management and research findings (identification, crops at risk, monitoring, impact, awareness, post harvest treatments, invasive species)
5	Education of growers, scouts, consultants, and master gardeners
6	Summarizing research findings for next year (grower awareness, SWD impact, research efforts, post harvest treatments)
7	Working group for discussion of findings and next steps
Rank	SWD Regulatory Priorities
1	New chemicals (OMRI clearance, chemigation)
2	Re-assessment of pre-harvest intervals (PHI's) and maximum residue levels (MRL's)
3	Identification of and application for US EPA & state special registrations (section 18, 2ee, 24c)
Rank	SWD Education Priorities
1	Education of policy makers/legislators/regulators/companies on invasive species impacts, labeling, and crop uses
2	Consumer education (media kit, grower information to respond to the public and media)
3	Engaging and joining IPM Voice



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