

Grower Ratings from SWD Workshop in Batavia, March 2015

		2015
Rank	SWD Research Priorities	Rating
1	Biological control	98.17
2	Know what to do - recommendations for next season	84.00
3	Optimize use of insecticides (# applications, etc.)	80.83
4	Early detection monitoring tools	80.48
5	Behavioral control (repellants, attract & kill, mass trapping, push/pull, trap crops)	78.71
6	New chemicals	76.45
7	Treatment thresholds	74.31
8	Optimizing sampling and management practices	70.36
9	Cultural control	70.33
10	Insecticide resistance management	69.84
11	Resistant varieties	69.83
12	Life cycle research and DD to better time control management	69.29
13	Life cycle and ecology	67.50
14	Spray materials - season long - ovicide materials	67.13
15	SWD genetic control	66.50
16	Curative control - systemic insecticides - kill maggot	66.17
17	Variety preferences	66.17
18	Collaborations with researchers from other countries	65.69
19	Overwintering biology	65.48
20	Insecticide residue degradation and modeling (weathering properties, rainfastness)	65.00
21	Damage to different crops (other than berries)	64.48
22	Early season hosts and refugia	63.97
23	Role of ground cover management	63.21
24	Identify characteristics of firm fruit for SWD oviposition and of fruit after oviposition/time when fruit softens	63.04
25	Symbionts associated with SWD (fungi, bacteria, spirochetes, etc.)	62.14
26	Identification of host-plant volatiles	61.79
27	Landscape ecology - better understanding	61.03
28	Insecticide application technology	60.69
29	Mechanisms for post harvest treatment, ie, defect sorting etc.	60.52
30	Organic research - materials	60.33
31	Sanitation	60.19
32	Feeding stimulants - synergists - adjuvants	59.83
33	Post-harvest management - packing houses	59.83
34	Full insecticide screening	59.48
35	Host resistance mechanisms	59.29
36	Developmental models - predictions, validation	56.03
37	Mechanical control in protected culture	55.56
38	Dispersal and migration / population genetics	55.34
39	Exclusion for small growers	53.40

		2015
Rank	SWD Extension Priorities	Rating
1	Continue working group, networking	87.96
2	Bring educational resources together for grower use	86.31
3	Education on monitoring, fields/berries, SWD identification	84.28
4	Develop recommendations for 2015 as part of an IPM program	82.00
5	Preparation for next year	80.21
6	IPM for invasive species, as well as detection	76.67
7	Grower awareness of problem and post harvest treatment	76.11
8	Train consultants	73.62
9	Grower education of full impact of problem and research efforts	70.59

10	Allow for unique properties of each insecticide in recommendations and management programs	67.12
11	Establish a clearing house for information - international; distill in user friendly form for SWD IPM	66.26
12	Call for summit: ext, research, govt, regulatory, policy, APHIS (national statement), industry (grower, chem)	64.80
13	Distinguish between large and small acreage grower needs	63.33
14	Info on sprayer technology	61.40
15	Training on invasive species	58.33
16	Overhead chemigation information	48.15
17	Education of master gardeners	47.12
18	Look at international education efforts	45.28

2015

Rank	SWD Regulatory Priorities	Rating
1	New chemicals	87.41
2	National sec 18 system and 2ee, expand 'me too'	75.00
3	Est. a working group - industry, growers, extension, for economic impact	66.88
4	As short as feasible PHI across crops	66.04
5	OMRI clearance of materials	62.61
6	Est. MRL's for export markets	57.73
7	Labels for chemigation	56.04
8	Pesticide container size in small amounts	55.68

2015

Rank	SWD Education Priorities	Rating
1	Educating policy makers/legislators/regulators on invasives/impacts	81.07
2	Info. for growers to respond to public on SWD or media [US Highbush council]	77.07
3	Consumer education	74.64
4	Company education on labeling and crop uses	68.65
5	Engaging/joining IPM voice	65.32
6	Media kit [use BMSB as example]	63.58

Grower Ratings from SWD Workshop in Albany, January 2015

		2015
Rank	SWD Research Priorities	Rating
1	Early detection monitoring tools	91.81
2	Know what to do - recommendations for next season	91.54
3	Biological control	87.43
4	Behavioral control (repellants, attract & kill, mass trapping, push/pull, trap crops)	85.38
5	Cultural control	84.54
6	Life cycle research and DD to better time control management	84.50
7	New chemicals	83.52
8	Resistant varieties	82.43
9	Treatment thresholds	81.64
10	Overwintering biology	81.33
11	Optimize use of insecticides (# applications, etc.)	81.10
12	Optimizing sampling and management practices	80.79
13	SWD genetic control	80.50
14	Symbionts associated with SWD (fungi, bacteria, spirochetes, etc.)	79.68
15	Life cycle and ecology	79.64
16	Variety preferences	79.41
17	Dispersal and migration / population genetics	78.85
18	Collaborations with researchers from other countries	78.08
19	Insecticide resistance management	78.04
20	Identification of host-plant volatiles	77.88
21	Early season hosts and refugia	77.81
22	Developmental models - predictions, validation	77.72
23	Spray materials - season long - ovicide materials	77.34
24	Sanitation	75.96
25	Curative control - systemic insecticides - kill maggot	75.92
26	Host resistance mechanisms	75.92
27	Feeding stimulants - synergists - adjuvants	75.68
28	Insecticide residue degradation and modeling (weathering properties, rainfastness)	75.48
29	Identify characteristics of firm fruit for SWD oviposition and of fruit after oviposition/time when fruit softens	75.40
30	Organic research - materials	74.04
31	Role of ground cover management	73.38
32	Full insecticide screening	72.73
33	Mechanisms for post harvest treatment, ie, defect sorting etc.	72.26
34	Insecticide application technology	71.64
35	Landscape ecology - better understanding	71.54
36	Post-harvest management - packing houses	71.08
37	Exclusion for small growers	70.65
38	Damage to different crops (other than berries)	70.20
39	Mechanical control in protected culture	69.81

		2015
Rank	SWD Extension Priorities	Rating
1	Develop recommendations for 2015 as part of an IPM program	91.20
2	Continue working group, networking	90.83
3	Establish a clearing house for information - international; distill in user friendly form for SWD IPM	88.64
4	Education on monitoring, fields/berries, SWD identification	87.50
5	Bring educational resources together for grower use	85.87
6	Preparation for next year	84.57
7	Grower education of full impact of problem and research efforts	84.32
8	Training on invasive species	82.05
9	Education of master gardeners	82.05

10	IPM for invasive species, as well as detection	81.74
11	Train consultants	79.55
12	Call for summit: ext, research, govt, regulatory, policy, APHIS (national statement), industry (grower, chem)	76.82
13	Distinguish between large and small acreage grower needs	76.46
14	Grower awareness of problem and post harvest treatment	75.68
15	Allow for unique properties of each insecticide in recommendations and management programs	74.78
16	Look at international education efforts	74.32
17	Overhead chemigation information	73.41
18	Info on sprayer technology	70.63

2015

Rank	SWD Regulatory Priorities	Rating
1	National sec 18 system and 2ee, expand 'me too'	88.95
2	As short as feasible PHI across crops	86.11
3	Est. a working group - industry, growers, extension, for economic impact	82.14
4	New chemicals	81.67
5	Pesticide container size in small amounts	75.68
6	OMRI clearance of materials	74.71
7	Est. MRL's for export markets	70.31
8	Labels for chemigation	69.21

2015

Rank	SWD Education Priorities	Rating
1	Info. for growers to respond to public on SWD or media [US Highbush council]	89.78
2	Educating policy makers/legislators/regulators on invasives/impacts	89.57
3	Consumer education	77.05
4	Engaging/joining IPM voice	75.43
5	Media kit [use BMSB as example]	74.29
6	Company education on labeling and crop uses	71.82

Grower Ratings from SWD Workshop in Syracuse, December 2014

		2014
Rank	SWD Research Priorities	Rating
1	Know what to do - recommendations for next season	93.27
2	New chemicals	91.54
3	Early detection monitoring tools	89.46
4	Biological control	88.27
5	Insecticide resistance management	87.88
6	Insecticide application technology	86.20
7	Curative control - systemic insecticides - kill maggot	85.80
8	Optimize use of insecticides (# applications, etc.)	85.38
9	Behavioral control (repellants, attract & kill, mass trapping, push/pull, trap crops)	85.19
10	Treatment thresholds	85.00
11	Life cycle research and DD to better time control management	83.80
12	Spray materials - season long - ovicide materials	82.88
13	Resistant varieties	82.20
14	Identify characteristics of firm fruit for SWD oviposition and of fruit after oviposition/time when fruit softens	82.00
15	Overwintering biology	80.80
16	Full insecticide screening	80.63
17	Optimizing sampling and management practices	80.00
18	SWD genetic control	80.00
19	Feeding stimulants - synergists - adjuvants	79.48
20	Cultural control	79.23
21	Insecticide residue degradation and modeling (weathering properties, rainfastness)	78.40
22	Early season hosts and refugia	76.30
23	Developmental models - predictions, validation	75.00
24	Life cycle and ecology	74.62
25	Identification of host-plant volatiles	74.62
26	Host resistance mechanisms	73.00
27	Symbionts associated with SWD (fungi, bacteria, spirochetes, etc.)	72.71
28	Variety preferences	71.40
29	Damage to different crops (other than berries)	70.21
30	Collaborations with researchers from other countries	70.00
31	Dispersal and migration / population genetics	69.81
32	Landscape ecology - better understanding	69.60
33	Role of ground cover management	69.23
34	Sanitation	63.96
35	Organic research - materials	62.31
36	Mechanisms for post harvest treatment, ie, defect sorting etc.	61.40
37	Exclusion for small growers	60.24
38	Post-harvest management - packing houses	59.40
39	Mechanical control in protected culture	56.00

		2014
Rank	SWD Extension Priorities	Rating
1	Develop recommendations for 2015 as part of an IPM program	95.58
2	Education on monitoring, fields/berries, SWD identification	90.96
3	Preparation for next year	90.63
4	Continue working group, networking	89.44
5	Bring educational resources together for grower use	88.27
6	Grower education of full impact of problem and research efforts	85.80
7	IPM for invasive species, as well as detection	85.37
8	Allow for unique properties of each insecticide in recommendations and management programs	81.67
9	Training on invasive species	80.00

10	Grower awareness of problem and post harvest treatment	79.81
11	Info on sprayer technology	79.20
12	Train consultants	78.46
13	Distinguish between large and small acreage grower needs	76.80
14	Establish a clearing house for information - international; distill in user friendly form for SWD IPM	70.19
15	Call for summit: ext, research, govt, regulatory, policy, APHIS (national statement), industry (grower, chem)	68.20
16	Look at international education efforts	65.60
17	Overhead chemigation information	60.80
18	Education of master gardeners	59.20

2014

Rank	SWD Regulatory Priorities	Rating
1	New chemicals	90.20
2	As short as feasible PHI across crops	76.36
3	Est. a working group - industry, growers, extension, for economic impact	74.23
4	Pesticide container size in small amounts	71.20
5	National sec 18 system and 2ee, expand 'me too'	70.91
6	Labels for chemigation	70.83
7	OMRI clearance of materials	69.79
8	Est. MRL's for export markets	54.17

2014

Rank	SWD Education Priorities	Rating
1	Educating policy makers/legislators/regulators on invasives/impacts	93.27
2	Consumer education	81.40
3	Info. for growers to respond to public on SWD or media [US Highbush council]	80.74
4	Company education on labeling and crop uses	77.80
5	Engaging/joining IPM voice	75.00
6	Media kit [use BMSB as example]	72.92