

Priority Rankings from the Veg and Fruit IPM Regional Working Group Meeting

Dec. 17 18, 2018

States represented: Maine (4), New Hampshire (6), Vermont (5), Massachusetts (6), Connecticut (1), Rhode Island (1), New York (1)

How important is each of the following **EDUCATIONAL ACTIVITIES** in your opinion?

VEGETABLE		Extremely Important
1	Pest ID and management	67%
2	Pest management high tunnels	58%
3	Weed management	57%
4	Wildlife management	46%
5	Irrigation	46%
6	Crop nutrition	39%
7	Organic pesticides	38%
8	Labor management & recruitment & retention	38%
9	Soil health	33%
10	Sprayer calibration	29%
11	BMPs for beneficials	29%
12	Sprayer selection	26%
13	Pollinators	25%
14	Resistance management	25%
15	Variety recommendations	25%
16	Food safety	21%
17	Innovative new crops	21%
18	Biofumigants	21%
19	Neonicotinoid alternatives	21%
20	Record-keeping	17%
21	Marketing	17%
22	No-till	13%
23	Business management	13%
24	Language barriers	8%
25	Utility building and structures	0%

FRUIT		Extremely Important
1	Summaries of pesticide efficacy	63%
2	Pest identification	60%
3	Weed management: identification & timing	55%
4	Irrigation	45%
5	Scale-appropriate agricultural technologies	45%
6	Decision support systems (NEWA)	21%
7	Wildlife issues	20%
8	Impact of wild hosts on SWD	20%
9	Marketing	20%
10	Bee-safe pesticides/practices	15%
11	Resistance management	15%
12	Ag pollinator interface	10%

How important is each of the following **RESEARCH ACTIVITIES** in your opinion?

VEGETABLE		Extremely Important
1	Efficacy trials – organic	58%
2	Climate change adaption tools	58%
3	Cabbage aphid	43%
4	Extended season pests/problems	43%
5	Efficacy trials – conventional	38%
6	Irrigation	38%
7	High tunnel environmental management & engineering	33%
8	Postharvest storage	33%
9	Organic weed control	29%
10	Bee-safe pesticides	29%
11	Birds in sweet corn	27%
12	Spinach varieties w/ disease resistance	27%
13	Fertility of soil	26%
14	Bacterial disease mgmt.	25%
15	Climate change prediction models	25%
16	Basil downy mildew	23%
17	Cucurbit downy mildew	23%
18	Late blight management, esp. organic	22%
19	Variety testing	21%
20	Cover cropping and mulching between beds	17%
21	No-till production (and collateral damage)	17%
22	Sprayer technology	17%
23	Cover cropping for disease suppression	8%
24	Steam sterilization	4%
25	Biodegradable mulches	4%

FRUIT		Extremely Important
1	New and emerging pests – General	63%
2	Monitoring for new/emerging pests	60%
3	Efficacy of new products	55%
4	Validate IPM action thresholds	50%
5	Organic pesticide material research	45%
6	Climate resiliency	45%
7	New and emerging pests – SWD	45%
8	Monetizing BMPs – cost comparisons of	40%
9	Innovative pruning, mulching & training systems	40%
10	Scale-appropriate agricultural technology	40%
11	New and emerging pests – Spotted	35%
12	Wildlife management	35%
13	Bee-safe pesticides/practices	30%
14	Pests/diseases that follow winter injury	30%
15	Postharvest	30%
16	New variety evaluation – general	26%
17	New and emerging pests – BMSB	25%
18	New variety development	25%
19	New variety evaluation – strawberry	25%
20	Innovative new crops	25%
21	Establish baseline sensitivities for fungicides	25%
22	Climate change/food safety links (effects of)	20%
23	Climate change/strategies for protection from)	20%
24	Decision support systems (NEWA)	20%
25	Alternative marketing channels	20%
26	Microbiome research	20%
27	New variety evaluation - grape	15%
28	Symbiontides (e.g. JetAg, Oxidate)	15%
29	New and emerging pests – Scale	10%
30	New and emerging pests – Molluscs (snails)	10%
31	New and emerging pests – moss	5%

How important is each of the following **REGULATORY ISSUES**, in your opinion?

VEGETABLE		Extremely Important
1	Labor sourcing and regulation	42%
2	Pesticide packaging not compatible with small farmers' needs	38%
3	Food safety	33%
4	Pollinators	30%
5	Regional pesticide labelling (state variations)	26%
6	Worker protection & training compliance	25%
7	Nutrient management	21%
8	Wildlife Regulations	9%
9	Hemp	8%
10	Solar in agriculture	4%

FRUIT		Extremely Important
1	Pesticide packaging not compatible with small farmers' needs	60%
2	Labor sourcing and regulation	35%
3	Synergists to add in with SWD materials	30%
4	Regional pesticide labelling (state variations)	30%
5	CAPS surveys – cooperative agricultural	25%
6	Wildlife issues	25%
7	Ag pollinator interface	15%
8	Worker protection & training compliance	15%
9	PDMR – plant disease management reports	11%
10	Arthropod management tests	0%