

For each category, please choose 5 and rank in order of importance (1 = most important)

**Apple/Pear Diseases (choose 5):**

Fire blight	27.8
Fruit Rots	15.9
Tree decline (--> RAD/SAD or other)	13.2
Apple scab	10.6
Cankers	9.9
Viruses	7.3
Apple leaf blotch (Marssonina)	7.3
Lenticel breakdown	3.3
Powdery mildew	2.6
Sooty Blotch/Flyspeck	2.0
Replant disease	0.0
(write in:)	0.0
	100.0

**Direct (Fruit) Apple/Pear Insect Pests (choose 5):**

Plum curculio	26.4
Internal leps (Codling moth, OFM, LAW)	25.0
Apple maggot	12.5
Stink bugs	11.1
Obliquebanded leafroller	7.6
Tarnished plant bug	5.6
Scales	4.9
Invasive species	4.2
Plant bugs	2.8
(write in:)	0.0
	100.0

**Pome Fruit Indirect Pests/Beneficials (choose 5):**

Woolly apple aphid	22.2
Borers: Dogwood borer, Black stem borer, others	19.4
San Jose Scale	16.0
Pear psylla	13.9
Aphids	8.3
European red mite/Two-spotted spider mite	4.2
Predator mites	4.2
Apple leafcurling midge	4.2
Parasitic wasps	4.2
Potato/White apple leafhoppers	1.4
Predator conservation	1.4
Spotted lanternfly	0.7
(write in:)	0.0
	100.0

**Additional Comments:****Cherry diseases/disorders (choose 5):**

Brown rot	29.8
Bacterial canker	19.1
Fruit cracking	13.7
Frost	13.0
Leaf spot	10.7
Phytophthora	6.9
Powdery mildew	3.8
Viruses	3.1
(write in:)	0.0
	100.0

**Cherry arthropod pests (choose 5):**

Spotted wing drosophila	18.3
Plum curculio	17.5
Cherry fruit flies	14.2
Japanese beetle	14.2
Aphids	10.0
Peachtree borers	8.3
European cherry fruit fly	8.3
Stink bugs	5.8
Scales	3.3
(write in:)	0.0

**Peach diseases & crop management (choose 5):**

Brown rot	27.1
Bacterial spot	18.1
Peach leaf curl	17.4
Spring frost	10.4
Winter kill	9.0
PGRs for thinning	8.3
Phytophthora rots	4.9
Powdery mildew	3.5
X-disease	1.4
PGRs to promote dormancy	0.0
(write in:)	0.0
	100.0

**Peach insect pests (choose 5):**

<b>Oriental fruit moth and Codling moth</b>	23.9
Plum curculio	17.2
Peachtree borers	16.4
Stink bugs	8.2
Japanese beetle (indirect)	8.2
Scales	7.5
Japanese beetle (direct/fruit)	6.7
Plant bugs	4.5
Tarnished plant bug	2.2
Green peach aphid	2.2
Mites	1.5
Spotted wing drosophila	0.7
Wasps	0.7
Wheel bug	0.0
(write in:)	0.0
	100.0

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<b>Postharvest issues (choose 5):</b>		<b>General IPM issues (choose 5):</b>	
Bitter Pit	29.4	Pesticide resistance	17.4
Post-harvest decay management	22.9	Weather/information delivery systems	14.6
Flesh browning	9.2	Climate change adaptation	13.9
Soft scald	9.2	<b>Pest monitoring &amp; thresholds</b>	9.7
Harvista vs. Retain	7.3	Impacts of product losses on mgt programs	9.0
Scald	4.6	Invasive/exotic species	8.3
Food safety/GAPS/FSMA	3.7	Pollinator conservation	7.6
Post-harvest drench alternatives	3.7	Cost reduction	4.9
Storage facilities sanitation (FSMA)	3.7	Nursery stock verification	4.9
Extreme wetness	2.8	OP/carbamate replacements	4.2
Small bin controlled storages (CAN)	1.8	Groundwater monitoring	2.1
Extreme drought	1.8	Multiple pest/disease economics/thresholds	2.1
Packing line sanitation	0.0	Beneficial insects	1.4
1-MCP	0.0	(write in:)	0.0
(write in:)	0.0		100.0
	100.0	<b>Regulatory issues (choose 5):</b>	
<b>Application technology issues (choose 5):</b>		Registration procedures/restrictions	23.7
Spray coverage vs. control	21.1	Labor Regulations	19.3
Phytotoxicity and fruit finish	21.1	Invasive species	15.6
Calibration	16.9	Clarification of labels	11.1
Tank mixes (synergistic or antagonistic effects)	12.7	Spanish labels	9.6
Drift management	9.2	Use of GRAS products	7.4
New sprayer technology	9.2	Pollinator protection	6.7
Adjuvants with thinners (instead of oil)	6.3	FSMA	3.7
Better herbicide application techniques	2.8	Smaller package sizes	1.5
Crop-adapted spraying	0.7	Updates on WPS	0.0
Herbicide shields	0.0	European cherry fruit fly quarantine	0.0
(write in:)	0.0	(write in:) regulation implementation support (help)	1.5
	100.0		100.0
<b>Ground cover management (choose 5):</b>		<b>Pest management education (choose 5):</b>	
Perennial weed management	25.2	Workshops for advisors/growers	15.9
Alternatives to herbicides, mulching, cultivation	14.8	Web-based delivery methods	10.3
Herbicide resistance	13.3	Consumer education	10.3
New herbicides	11.1	e-version of Guidelines; web or apps	9.0
Soil health	11.1	Pesticide training for H2A/Hispanic staff	9.0
Herbicide damage to trees/fruit	8.9	Climate change adaptation	8.3
Weed biology & ID	8.1	Production Guidelines publication	7.6
Nutrient competition	3.0	Orchard demos	6.2
Under-tree ground covers	2.2	Loss of institutional knowledge	6.2
Influence of broad leaf weeds	2.2	Training for pesticide applicator exams	4.1
Mulch types & adaptability	0.0	Biocontrol demos	3.4
(write in:)	0.0	On-farm scout training & certification	3.4
	100.0	Guidelines under NEWA	3.4
<b>Vertebrate Pests (choose 5):</b>		Smart phone apps	2.1
Deer	28.9	Pesticide safety programs	0.7
Voles	21.5	Virtual IPM workshops based on plant growth simu	0.0
Birds	20.7	Virtual programming - improving engagement	0.0
Rodents	8.9	(write in:)	0.0
Groundhogs	6.7		100.0
Rabbits	5.2		
Turkeys	3.0		
Raccoons	3.0		
Squirrels	1.5		
(write in:) people	0.7		
		<b>For more information or questions:</b>	
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