

## Pest Priorities Developed by the Vegetable IPM Working Group for Northeastern Vegetable Growers Updated for 2004

Highlighted cells indicate additions or changes from 2004 meeting of the Northeast IPM Working Group.

Total score is a sum of scores for each category. Highest scores represent level of priority

RATINGS:							
Pest	Regionality	Crops affected	Influence on yield/qual	Influence on pesticide reliance	Availability of controls	Pesticide use patterns	total score
Phytophthora of all the cucurbits, beans, and solanaceous crops	3	3	3	3	2		14
Corn Worm (corn ear worm, fall army worm, ECB) complex in sweet corn, potato, beans, leafy greens, peppers,	3	2	3	2	3		13
White mold in beans, lettuce, tomato, potato, cabbage	3	3	2	3	2		13
Fungal pathogens on solanaceous crops	3	1	3	2	3		12
Difficulty in using no-till due to weed control problems	3	3	1	2	3		12
Increase post-emergence options both chemical and cultural	3	3	1	2	3		12
Striped cucumber beetle/ bacterial wilt	3	1	2	2	3		11
Bacterial pathogens on tomatoes and peppers	3	1	2	2	3		11
Deer	3	3	2	2	1		11
Potato leafhopper in beans and potatoes especially in organic systems	3	2	3	2	1		11
Better understanding of crop rotations	3	3	2	Na	3		11
Powdery mildew, downy mildew and other disease management on cucurbits	3	1	2	2	3		11
Wire worm on potatoes	3	1	2	2	2		10
Canadian thistle and other perennial weeds	3	3	1	2	1		10
Mushroom pests – see pest management strategic plan	1	1	3	2	3		10
aphid vectored virus in snap beans	2	1	3	3	1		10
Tarnished plant bug in beans, tomatoes, eggplant, pepper, strawberry	3	2	1	2	1		9
Flea beetle in brassicas	3	1	2	2	1		9
Galinsoga	3	2	1	2	1		9
Stink bug on tomato, pepper, and bean	2	2	1	2	2		9
Sweet corn leaf diseases	2	1	2	2	2		9
Solanaceous weeds in solanaceous	3	1	1	2	1		8
Aphid control on leafy vegetables	2	1	1	2	2		8
Sap beetle on corn	2	1	2	2	1		8

aphid and thrips vectored virus in snap beans, cucurbits, potatoes, brassicas, tomatoes and spinach	3	3	2			8
Integration of the transgenic sweet corn to control worms pest management and public policy	3	1	Na	Na	3	7
Squash bug	2	1	1	2	1	7
Plectosporium or microsporidium in pumpkin and summer squash	2	1	1	2	1	7
soybean rust on dry, lima and snap beans						
Mexican bean beetle on snap beans						
sweet corn -triazine resistance in weeds						
sweet corn -- foxtail						
pollination in vine crops						
symphylans (high tunnels)						
(ranking under discussion)						
biocontrol, leaf mold and powdery mildew and aphid transmitted viruses in high tunnels						

**RATINGS:**

**regionality**

3=across entire region

2=parts of the region

1= only limited region

**crops affected**

3=most

2=many

1=few

**influence on crop yield and quality**

3=historically devastating crop loss in one or more crop

2=significant reduction in quality or yield for part of the season

1= some loss in yield or quality

**Availability of controls (both chemical and non-chemical) Pesticide use patterns**

3=few or none or cost prohibitive

2=some

1=adequate

3=high

2=medium

1=low