

2002 Grower Survey of NYS Onion Industry Research Needs

(1= low priority; 2 = medium priority; 3 = high priority)

	Total (15)	Elba (4)	Oswego (6)	Wayne (2)	Orange (3)
Insects					
Onion maggot	2.0	1.7	2.2 Need new materials	2.5	1.7 Look for new
Seed maggot	1.7	1.0	1.8	1.5	2.3 chemistry &
Onion thrips	2.7	3.0	2.7	2.5	2.3 alternative practices
Bulb Mites					
	0.7	0.5	0.5	1.0	1.3
Diseases					
Alternaria purple blotch	1.4	1.0	1.2	1.5	2.3
Botrytis leaf blight	1.8	1.0	2.0	2.0	2.3
Botrytis neck rot	2.3	2.0	2.5	3.0	2.0
Black mold	1.7	1.5	2.0	0.5	2.3
Bacterial diseases	1.9	2.5	1.8	1.5	1.7
Downy mildew	1.1	0.7	1.2	1.5	0.7
Smut	1.7	2.5	1.8	0.5	0.7
Nematodes					
Soil testing/determining need for control	1.7	1.3	1.7	1.5	2.3
Vydate and alternative controls	1.8	0.8	2.0	3.0	2.0
Weeds					
Frontier/Outlook use	2.2	1.7	2.3	2.5	2.3
Other herbicides (list and rate)	--	2.3	Prowl - 1,3 Goal -1 2 Starane	1.5	2.3
Problem weeds (list and rate)	--	1.7 Nutsedge -2 Groundsel-1,2	2 mustard -3 2 groundsel - grd sorrel-3 thistle -	3.0 nutsedge -3 mustard - 3 ragweed -1	2.0 thistle -2
Pesticide Application					
Reducing drift	1.0	1.0	0.8	1.5	1.0
Improving coverage	2.1	3.0	2.0	2.0	1.3
Seed					
Seed treatments (pest control)	2.5	3.0	2.2 test vigor quality	2.5	2.7
Varieties					
Early onions	1.1	0.5	0.8	1.0	2.3

Pungent yellow storage onions	1.7	0.7	2.0	2.0	2.3
Mild, moderate storage onions	1.1	0.5	1.0	1.5	1.7
Red onions	2.3	1.5	2.5	3.0	2.7
Disease resistance	2.5	2.5	2.2	2.5	3.0
Open-pollinated/synthetic yellow pungent storage onions	0.9	1.0	0.7	0.5	1.3?
High tech to speed results (doubled haploids, etc.)	1.7	2.0	1.5	1.0	2.0
Cultural Practices					
Fertilizers	1.5	0.8	1.7	2.0	1.7
Plant growth regulators/"miracle" products	1.3	0.5	1.3	1.5	2.0 Haven't seen any make much difference
Soils/Water					
Crop rotation/cover crops	1.7	1.0	1.5	2.0	2.7
For pest management	1.5	1.0	1.5	1.0	2.3
For soil/water management	1.5	1.3	1.5	1.0	2.0
Tillage	1.3	1.0	1.5	1.0	1.3
Irrigation	1.6	2.3	1.2	1.5	1.7

The results of this survey will help determine funding for onion research. A summary will be made available but individual names of respondents will be kept confidential. Thanks for your cooperation.
(Ken Datthyn, Chairman, NYS Onion Industry Council)