

Pennsylvania: Pest Management Practices - Percent of Acres Receiving Practice  
and Percent of Farms Utilizing Practice for Fall Potatoes, 2003

Practice	Percent of Acres Receiving Practice		Percent of Farms Utilizing Practice	
	PA	Program States <sup>1</sup>	PA	Program States <sup>1</sup>
	<i>Percent of Acres</i>		<i>Percent of Farms</i>	
<b>Prevention Practice:</b>				
No-till/minimum till used to manage pests	1	15	2	56
Remove or plow down crop residue	75	52	80	77
Clean implements after fieldwork	41	60	55	75
Field cultivated for weed control	97	94	94	97
Field edges/etc. chopped, mowed/etc.	50	81	55	86
Water management practices	5	43	7	64
<b>Avoidance Practices:</b>				
Adjust planting/harvesting dates	18	11	28	5
Rotate crops to control pests	94	85	96	93
Planting locations planned to avoid pests	36	30	31	63
Grow trap crop to control insects		3		2
Seed variety chosen for pest resistance	18	14	4	4
<b>Monitoring Practices:</b>				
Scouting by general observation	13	25	19	14
Deliberate scouting activities	86	74	80	86
Field was not scouted	*	1	1	1
Scouting due to pest advisory warning	11	19	12	59
Scouting due to pest development model	4	22	4	7
Scouted for weeds	93	94	94	95
Scouting for weeds was done by:				
Operator, partner, or family member	87	60	89	34
An employee	10	10	8	55
Farm supply or chemical dealer	1	8	1	3
Indep crop consultant or comm scout	2	22	2	7
Scouted for insects and mites	99	97	98	99
Scouting for insects/mites was done by:				
Operator, partner, or family member	88	57	90	33
An employee	9	9	8	53
Farm supply or chemical dealer	1	10	1	4
Indep crop consultant or comm scout	2	24	2	10
Scouted for diseases	96	97	96	98
Scouting for diseases was done by:				
Operator, partner, or family member	88	57	90	33
An employee	9	8	8	53
Farm supply or chemical dealer	1	11	1	4
Indep crop consultant or comm scout	2	24	2	10
Records kept to track pests	22	59	18	74
Field mapping of weed problem	1	18	1	5
Soil/plant tissue analysis to detect pests	9	59	7	70
Weather monitoring	59	74	52	85
Biological pest controls	*	1	*	1
<b>Suppression Practices:</b>				
Biological pesticides	6	3	9	2
Beneficial organisms		7		1
Scouting used to make decisions	34	50	18	74
Maintain ground cover or physical barriers	35	35	37	68
Adjust planting methods	2	10	4	3
Alternate pesticides with different MOA	81	65	79	80

\* Less than 0.5 percent. <sup>1</sup> The 12 Program States consist of: California, Florida, Georgia, Michigan, New Jersey, New York, North Carolina, Oregon, Pennsylvania, South Carolina, Texas, and Washington.