

Pennsylvania: Pest Management Practices - Percent of Acres Receiving Practice  
and Percent of Farms Utilizing Practice for Barley, 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	22	34	21	27
Remove or plow down crop residue	30	25	33	29
Clean implements after fieldwork	14	43	11	30
Field cultivated for weed control		27		
Field edges/etc. chopped, mowed/etc.	26	4	17	25
Water management practices				3
<b>Avoidance Practices:</b>				
Adjust planting/harvesting dates	2	7	1	7
Rotate crops to control pests	72	67	70	58
Planting locations planned to avoid pests	4	11	3	9
Grow trap crop to control insects				
Seed variety chosen for pest resistance	8	11	9	8
<b>Monitoring Practices:</b>				
Scouting by general observation	33	46	36	44
Deliberate scouting activities	34	49	28	44
Field was not scouted	32	5	36	12
Scouting due to pest advisory warning	*	4	*	8
Scouting due to pest development model	7	3	7	3
Scouted for weeds	68	94	64	87
Scouting for weeds was done by:				
Operator, partner, or family member	71	86	67	88
An employee		*		*
Farm supply or chemical dealer	10	7	10	6
Indep crop consultant or comm scout	19	6	24	6
Scouted for insects and mites	34	64	36	58
Scouting for insects/mites was done by:				
Operator, partner, or family member	68	84	69	89
An employee		1		*
Farm supply or chemical dealer	6	7	3	5
Indep crop consultant or comm scout	26	8	28	6
Scouted for diseases	34	63	36	53
Scouting for diseases was done by:				
Operator, partner, or family member	69	84	70	89
An employee		1		*
Farm supply or chemical dealer	5	7	2	5
Indep crop consultant or comm scout	26	9	28	6
Records kept to track pests	16	18	14	14
Field mapping of weed problem	4	8	4	6
Soil/plant tissue analysis to detect pests	4	3	4	2
Weather monitoring	15	44	16	34
Biological pest controls				
<b>Suppression Practices:</b>				
Biological pesticides		1		*
Beneficial organisms				
Scouting used to make decisions	16	12	20	9
Maintain ground cover or physical barriers	17	21	20	18
Adjust planting methods				
Alternate pesticides with different MOA	4	25	6	18

\* 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.