

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

Practice	Percent of Acres Receiving Practice		Percent of Farms Utilizing Practice	
	PA	Program States ¹	PA	Program States ¹
	<i>Percent of Acres</i>		<i>Percent of Farms</i>	
Prevention Practice:				
No-till/minimum till used to manage pests	43	45	39	43
Remove or plow down crop residue	33	19	33	23
Clean implements after fieldwork	15	25	10	21
Field cultivated for weed control	4	27	4	22
Field edges/etc. chopped, mowed/etc.	34	45	31	42
Water management practices		4		1
Avoidance Practices:				
Adjust planting/harvesting dates	2	7	2	5
Rotate crops to control pests	61	76	62	75
Planting locations planned to avoid pests	13	14	12	11
Grow trap crop to control insects	1	12	*	6
Seed variety chosen for pest resistance	18	37	19	28
Monitoring Practices:				
Scouting by general observation	35	47	39	47
Deliberate scouting activities	42	42	37	37
Field was not scouted	24	11	24	15
Scouting due to pest advisory warning	6	6	3	4
Scouting due to pest development model	7	7	6	5
Scouted for weeds	74	88	74	84
Scouting for weeds was done by:				
Operator, partner, or family member	72	80	73	84
An employee	*	1	*	*
Farm supply or chemical dealer	16	8	16	8
Indep crop consultant or comm scout	11	11	10	8
Scouted for insects and mites	50	71	45	62
Scouting for insects/mites was done by:				
Operator, partner, or family member	67	77	65	80
An employee	*	1	1	*
Farm supply or chemical dealer	17	8	18	10
Indep crop consultant or comm scout	16	14	17	10
Scouted for diseases	40	62	38	53
Scouting for diseases was done by:				
Operator, partner, or family member	61	75	59	77
An employee	1	1	1	*
Farm supply or chemical dealer	18	9	20	11
Indep crop consultant or comm scout	20	15	20	11
Records kept to track pests	25	26	25	22
Field mapping of weed problem	7	12	6	11
Soil/plant tissue analysis to detect pests	2	8	2	6
Weather monitoring	47	45	53	43
Biological pest controls				
Suppression Practices:				
Biological pesticides	5	10	2	6
Beneficial organisms				
Scouting used to make decisions	17	24	19	19
Maintain ground cover or physical barriers	27	21	22	22
Adjust planting methods	5	8	5	9
Alternate pesticides with different MOA	29	29	25	28

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