

Pennsylvania: Pest Management Practices - Percent of Acres Receiving Practice  
and Percent of Farms Receiving Practice for Corn, 2005

Practice	Percent of Acres Receiving Practice		Percent of Farms Receiving Practice	
	PA	US	PA	US
	<i>Percent of Acres</i>		<i>Percent of Farms</i>	
<b>Prevention Practices:</b>				
No-till or minimum till used to manage pests	68	62	63	61
Plow down crop residue	31	22	37	24
Remove crop residue	14	4	16	6
Clean implements after fieldwork	33	35	30	33
Field edges/etc. chopped, mowed/etc.	45	44	39	41
Water management practices	2	3	3	2
<b>Avoidance Practices:</b>				
Adjust planting/harvesting dates	4	10	5	9
Rotate crops to control pests	71	80	71	79
Crop variety chosen for pest resistance	51	52	42	44
Planting locations planned to avoid pests	11	16	15	14
<b>Monitoring Practices:</b>				
Scouting by general observation	39	41	46	42
Deliberate scouting activities	43	50	43	45
Field was not scouted	18	9	11	13
Scouted for pests	12	17	14	14
Scouting due to pest advisory warning	1	9	3	7
Scouting due to pest development model	8	8	10	7
Scouted for weeds	82	90	89	86
Scouting for weeds was done by:				
Operator, partner, or family member	79	79	78	81
An employee	1	1	2	1
Farm supply or chemical dealer	8	9	7	10
Indep. crop consultant or comm. scout	12	11	13	8
Scouted for insects or mites	49	67	53	59
Scouting for insects or mites was done by:				
Operator, partner, or family member	75	74	73	77
An employee	1	1	3	1
Farm supply or chemical dealer	7	10	4	11
Indep. crop consultant or comm. scout	16	15	20	11
Scouted for diseases	37	49	36	43
Scouting for diseases was done by:				
Operator, partner, or family member	73	71	69	75
An employee	1	1	4	1
Farm supply or chemical dealer	8	10	4	11
Indep. crop consultant or comm. scout	18	19	23	13
Field mapping of weed problems	11	11	14	10
Soil/plant tissue analysis to detect pests	6	5	3	4
Records kept to track pests	17	21	18	17
Weather monitoring	63	61	60	58
<b>Suppression Practices:</b>				
Biological pesticides	4	7	4	5
Scouting used to make decisions	17	23	20	18
Maintain ground cover or physical barriers	44	42	49	42
Adjust planting methods	6	14	8	12
Alternate pesticides with different MOA	29	29	23	28

\* Percentage is less than 0.5 percent.