

Pennsylvania: Pest Management Practices - Percent of Acres Receiving Practice
and Percent of Farms Receiving Practice for Oats, 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>	
Prevention Practice:				
No-till or minimum till used to manage pests	21	38	16	37
Plow down crop residue	54	39	53	37
Remove crop residue	17	15	20	15
Clean implements after fieldwork	21	32	16	26
Field edges/etc. chopped, mowed/etc.	24	24	19	23
Water management practices		2		2
Avoidance Practices:				
Adjust planting/harvesting dates	11	12	11	11
Rotate crops to control pests	88	62	87	71
Crop variety chosen for pest resistance	4	11	2	11
Planting locations planned to avoid pests	12	10	12	10
Monitoring Practices:				
Scouting by general observation	42	40	42	42
Deliberate scouting activities	23	24	20	19
Field was not scouted	35	37	39	38
Scouted for pests	3	4	1	3
Scouting due to pest advisory warning		1		1
Scouting due to pest development model	*	3	*	2
Scouted for weeds	63	60	59	59
Scouting for weeds was done by:				
Operator, partner, or family member	92	88	96	92
An employee		5		1
Farm supply or chemical dealer	3	5	2	6
Indep. crop consultant or comm. scout	5	2	3	2
Scouted for insects or mites	29	38	26	33
Scouting for insects or mites was done by:				
Operator, partner, or family member	84	83	91	88
An employee		8		1
Farm supply or chemical dealer	7	6	4	9
Indep. crop consultant or comm. scout	9	3	5	2
Scouted for diseases	26	30	24	27
Scouting for diseases was done by:				
Operator, partner, or family member	83	82	92	87
An employee		9		1
Farm supply or chemical dealer	7	6	4	10
Indep. crop consultant or comm. scout	9	3	4	2
Field mapping of weed problems	4	4	3	4
Soil/plant tissue analysis to detect pests	5	2	2	1
Records kept to track pests	12	6	10	6
Weather monitoring	52	53	55	53
Suppression Practices:				
Biological pesticides				
Scouting used to make decisions	4	5	3	4
Maintain ground cover or physical barriers	31	33	31	36
Adjust planting methods	6	9	4	7
Alternate pesticides with different MOA	16	13	14	14

* Percentage is less than 0.5 percent.