

PEST MANAGEMENT PRACTICES

PEST MANAGEMENT PRACTICES, PERCENT OF ACRES RECEIVING PRACTICE INDIANA

Practice	2003	2002	2000			
	Corn	Soybeans	All Wheat	Alfalfa Hay	Other Hay	All Other Crops
	Percent		Percent			
Prevention Practices:						
No-till/minimum till used to manage pests	33	26	55	35	29	43
Remove or plow down crop residue	12	7	33	12	11	23
Clean implements after fieldwork	8	15	62	38	22	58
Field cultivated for weed control	10					
Field edges/etc. chopped, mowed/etc.	36					
Water management practices		**	13	12	11	10
Avoidance Practices:						
Adjust planting/harvesting dates	4	1	35	14	5	35
Rotate crops to control pests	66	70	78	37	15	72
Planting locations planned to avoid pests	5	3	35	11	6	40
Grow trap crop to control insects	1		3	**	**	4
Seed variety chosen for pest resistance	11					
Monitoring Practices:						
Scouting by general observation	47					
Deliberate scouting activities	36					
Field was not scouted	17					
Scouting due to pest advis. warning/devel. model	4	3				
Scouted for weeds	83		48	38	21	55
Scouting for weeds was done by :						
Operator, partner, or family member	95					
An employee						
Farm supply or chemical dealer	1					
Indep. crop consultant or comm. scout	4					
Scouted for insects and mites	65					
Scouting for insects/mites was done by :						
Operator, partner, or family member	92					
An employee						
Farm supply or chemical dealer	2					
Indep. crop consultant or comm. scout	7					
Scouted for diseases	54					
Scouting for diseases was done by :						
Operator, partner, or family member	91					
An employee						
Farm supply or chemical dealer	1					
Indep. crop consultant or comm. scout	8					
Records kept to track pests	23	10	22	10	8	26
Field mapping of weed problems	8	17	28	13	5	28
Soil/plant tissue analysis to detect pests	8	18	13	8	2	13
Weather monitoring	25	34	33	14	7	36
Suppression Practices:						
Biological pesticides	1		8	2	3	6
Beneficial organisms			2	3	6	4
Scouting used to make decisions	15	11				
Maintain ground cover or physical barriers	11	3	34	15	13	32
Adjust planting methods	4	12	12	2	5	22
Alternate pesticides with different MOA	22	16	43	16	8	45

** Less than 1 percent

PEST MANAGEMENT PRACTICES

PEST MANAGEMENT PRACTICES, PERCENT OF FARMS UTILIZING PRACTICE INDIANA, (Continued)

Practice	2003	2002	2000			
	Corn	Soybeans	All Wheat	Alfalfa Hay	Other Hay	All Other Crops
	Percent		Percent			
Prevention Practices:						
No-till/minimum till used to manage pests	38	23	46	37	37	36
Remove or plow down crop residue	13	5	23	11	10	22
Clean implements after fieldwork	9	17	48	35	28	38
Field cultivated for weed control	12					
Field edges/etc. chopped, mowed/etc.	30					
Water management practices		**	11	7	7	9
Avoidance Practices:						
Adjust planting/harvesting dates	5	1	25	14	7	16
Rotate crops to control pests	71	67	71	31	18	50
Planting locations planned to avoid pests	5	6	24	9	5	23
Grow trap crop to control insects	**		2	**	**	3
Seed variety chosen for pest resistance	12					
Monitoring Practices:						
Scouting for general observation	41		38	31	17	39
Deliberate scouting activities	43					
Field was not scouted	16					
Scouting due to pest advis. warning/devel. model	3	6				
Scouted for weeds	84					
Scouting for weeds was done by :						
Operator, partner, or family member	91					
An employee						
Farm supply or chemical dealer	3					
Indep. crop consultant or comm. scout	6					
Scouted for insects and mites	63					
Scouting for insects/mites was done by :						
Operator, partner, or family member	88					
An employee						
Farm supply or chemical dealer	4					
Indep. crop consultant or comm. scout	8					
Scouted for diseases	54					
Scouting for diseases was done by :						
Operator, partner, or family member	87					
An employee						
Farm supply or chemical dealer	4					
Indep. crop consultant or comm. scout	9					
Records kept to track pests	17	13	14	6	4	11
Field mapping of weed problems	11	11	21	11	6	15
Soil/plant tissue analysis to detect pests	11	10	11	8	3	5
Weather monitoring	22	26	23	11	7	17
Biological pest controls						
Suppression Practices:						
Biological pesticides	*		4	2	3	5
Beneficial organisms			2	2	**	3
Scouting used to make decisions	19	12				
Maintain ground cover or physical barriers	9	3	25	13	15	26
Adjust planting methods	4	9	10	3	3	10
Alternate pesticides with different MOA	21	18	31	16	10	24

** Less than 1 percent

* Insufficient data