

## Pest Management Practices – Percent of Farms & Percent of Acres Utilizing Practice, Vegetables, 2006

Practice	Percent of farms utilizing practice		Percent of acres utilizing practice	
	PA	Program states <sup>1</sup> 2006	PA	Program states <sup>1</sup> 2006
<b>Prevention Practices:</b>				
No-till or minimum till used to manage pests	35	25	48	28
Remove or plow down crop residue	66	63	68	71
Clean implements after field work	47	55	60	68
Field cultivated for weed control	56	70	43	76
Field edges/etc. chopped, mowed/etc.	61	59	56	72
Water management practices	28	42	39	52
<b>Avoidance Practices:</b>				
Adjust planting/harvesting dates	18	18	15	26
Rotate crops to control pests	87	79	89	81
Planting locations planned to avoid pests	48	35	54	37
Grow trap crop to control insects	4	5	8	8
Crop variety chosen for pest resistance	48	37	51	43
<b>Monitoring Practices:</b>				
Scouting by general observation	69	72	74	87
Deliberate scouting activities	27	23	24	10
Field was not scouted	4	5	2	3
Established scouting process/insect trap used	30	37	40	60
Scouting due to pest advisory warning	24	16	24	23
Scouting due to pest development model	25	17	27	25
Scouted for weeds	93	91	97	94
Scouting for weeds was done by:				
Operator, partner, or family member	87	73	74	40
An employee	2	3	2	9
Farm supply or chemical dealer	4	6	10	15
Indep. crop consultant or comm.. scout	6	8	15	25
Other	1	10	( <sup>2</sup> )	10
Scouted for insects and mites	93	93	95	97
Scouting for insects or mites was done by:				
Operator, partner, or family member	85	65	72	31
An employee	2	3	2	9
Farm supply or chemical dealer	4	8	10	17
Indep. crop consultant or comm.. scout	8	10	16	29
Other	1	14	( <sup>2</sup> )	14
Scouted diseases	87	90	85	96
Scouting for diseases was done by:				
Operator, partner, or family member	85	66	69	31
An employee	2	3	2	8
Farm supply or chemical dealer	5	8	12	17
Indep. crop consultant or comm.. scout	8	10	17	30
Other	1	14	( <sup>2</sup> )	14
Records kept to track pests	30	37	38	62
Field mapping of pest problem	13	17	26	35
Soil/plant tissue analysis to detect pests	9	16	15	45
Weather monitoring	74	59	81	78
Biological pest controls	8	7	7	15
<b>Suppression Practices:</b>				
Biological pesticides	8	10	5	28
Beneficial organisms	1	6	1	11
Scouting used to make decisions	30	35	38	53
Maintain ground cover or physical barriers	61	43	75	45
Adjusted planting methods	20	24	23	23
Alternate pesticide with different MOA	51	36	49	63

<sup>1</sup> The 19 Program States include Arizona, California, Colorado, Florida, Georgia, Illinois, Michigan, Minnesota, New Jersey, New York, North Carolina, Ohio, Oregon, **Pennsylvania**, South Carolina, Tennessee, Texas, Washington, and Wisconsin. <sup>2</sup> Percentage is less than 0.5.