

Pest Management Practices – Percent of Farms & Percent of Acres Utilizing Practice, Vegetables, 2006 & 2010

Practice	Percent of farms utilizing practice				Percent of acres utilizing practice			
	PA		Program states ¹		PA		Program states ¹	
	2006	2010	2006	2010	2006	2010	2006	2010
Prevention Practices:								
No-till or minimum till used to manage pests	35	44	25	24	48	59	28	33
Remove or plow down crop residue	66	66	63	70	68	60	71	73
Clean implements after field work	47	35	55	56	60	50	68	70
Field cultivated for weed control	56	53	70	67	43	48	76	71
Field edges/etc. chopped, mowed/etc.	61	72	59	72	56	69	72	78
Water management practices	28	12	42	43	39	12	52	60
Avoidance Practices:								
Adjust planting/harvesting dates	18	18	18	21	15	15	26	30
Rotate crops to control pests	87	88	79	81	89	95	81	83
Planting locations planned to avoid pests	48	47	35	38	54	51	37	47
Grow trap crop to control insects	4	6	5	7	8	2	8	12
Crop variety chosen for pest resistance	48	65	37	43	51	61	43	48
Row spacing, plant density adjusted	-	24	-	24	-	22	-	33
Monitoring Practices:								
Scouting by general observation	69	26	72	22	74	20	87	9
Deliberate scouting activities	27	31	23	74	24	79	10	90
Field was not scouted	4	6	5	4	2	1	3	1
Established scouting process/insect trap used	30	68	37	45	40	49	60	73
Scouting due to pest advisory warning	24	29	16	26	24	38	23	36
Scouting due to pest development model	25	23	17	25	27	46	25	44
Scouted for weeds	93	89	91	92	97	97	94	98
Scouting for weeds was done by:								
Operator, partner, or family member	87	86	73	68	74	77	40	43
An employee	2	4	3	4	2	11	9	14
Farm supply or chemical dealer	4	2	6	7	10	2	15	14
Indep. crop consultant or comm. scout	6	6	8	8	15	8	25	18
Processor	-	1	-	12	-	1	-	10
Other	1	1	10	(²)	(²)	1	10	1
Scouted for insects and mites	93	87	93	93	95	97	97	99
Scouting for insects or mites was done by:								
Operator, partner, or family member	85	84	65	62	72	76	31	34
An employee	2	4	3	4	2	11	9	12
Farm supply or chemical dealer	4	2	8	8	10	2	17	15
Indep. crop consultant or comm. scout	8	6	10	11	16	8	29	22
Processor	-	2	-	15	-	2	-	15
Other	1	2	14	(²)	(²)	1	14	1
Scouted for diseases	87	85	90	91	85	96	96	98
Scouting for diseases was done by:								
Operator, partner, or family member	85	85	66	61	69	76	31	35
An employee	2	4	3	4	2	11	8	12
Farm supply or chemical dealer	5	2	8	8	12	2	17	15
Indep. crop consultant or comm. scout	8	6	10	11	17	8	30	22
Processor	-	2	-	16	-	2	-	15
Other	1	1	14	(²)	(²)	1	14	1
Records kept to track pests	30	38	37	45	38	50	62	69
Field mapping of pest problem	13	10	17	23	26	23	35	37
Soil/plant tissue analysis to detect pests	9	14	16	25	15	18	45	51
Weather data used	74	83	59	68	81	92	78	87
Suppression Practices:								
Biological pesticides applied	8	19	10	15	5	32	28	28
Beneficial organisms applied or released	1	2	6	7	1	11	11	10
Scouting data used to make decisions	30	43	35	40	38	55	53	56
Maintain ground cover or physical barriers	61	66	43	48	75	65	45	48
Adjusted planting methods	20	47	24	38	23	51	23	33
Alternate pesticide with different MOA	51	65	36	47	49	81	63	69
Lures, attractants, repellants used	-	12	-	10	-	21	-	18

¹ 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. ² Percentage is less than 0.5.