

Pest Management Practices – Percent of Farms & Percent of Acres Utilizing Practice, Fruit, 2011

Practice	Percent of Acres Utilizing Practice		Percent of Farms Utilizing Practice	
	PA	Program States ¹ 2009	PA	Program States ¹ 2009
Monitoring Practices:				
Diagnostic laboratory services used for pest detection via soil or plant tissue analysis	25	48	15	28
Field mapping data used to assist decisions	28	41	15	17
Scouted using established process	86	66	35	45
Scouted due to a pest advisory warning	77	34	32	26
Scouted due to a pest development model	81	40	36	23
Scouted for pests or beneficial organisms	99	98	94	92
<i>By conducting general observations while performing routine tasks</i>	6	18	31	28
<i>By deliberately going to the crop or growing acres</i>	94	80	63	65
Scouted for diseases	99	96	91	88
<i>By employee</i>	4	34	2	10
<i>By farm supply company or chemical dealer</i>	7	15	8	10
<i>By independent crop consultant or commercial scout</i>	50	19	12	13
<i>By operator, partner, or family member</i>	39	32	78	66
Scouted for insects & mites	99	96	88	87
<i>By employee</i>	4	34	2	10
<i>By farm supply company or chemical dealer</i>	7	15	8	11
<i>By independent crop consultant or commercial scout</i>	50	19	13	14
<i>By operator, partner, or family member</i>	39	32	77	65
Scouted for weeds	97	95	82	86
<i>By employee</i>	4	35	2	11
<i>By farm supply company or chemical dealer</i>	6	12	7	8
<i>By independent crop consultant or commercial scout</i>	51	15	13	9
<i>By operator, partner, or family member</i>	39	38	77	71
Weather data used to assist decisions	98	76	70	58
Written or electronic records kept to track the activity of pests	86	65	44	37
Prevention Practices:				
Crop acres cultivated for weed control	10	62	15	48
Crop acres irrigated	40	93	23	83
Crop residues removed or burned down	18	43	28	32
Equipment and implements cleaned after field work to reduce spread of pests	39	74	42	48
Field edges, ditches, or fence lines were chopped, sprayed, mowed, plowed, or burned	95	78	81	68
Water management practices used	6	57	4	37
Suppression Practices:				
Beneficial organisms applied or released	3	15	4	15
Biological pesticides applied	21	29	15	25
Floral lures, attractants, repellants, pheromone traps, or biological pest controls used	84	42	33	33
Ground covers, mulches, or other physical barriers maintained	33	50	36	48
Pesticides with different mechanisms of action used to keep pest from becoming resistant to pesticides	64	74	73	51
Scouting data compared to published information to assist decisions	85	54	49	33

¹ Data was provided by the following program states through the 2009 Fruit Chemical Use Survey: California, Florida, Georgia, Michigan, New Jersey, New York, North Carolina, Oregon, **Pennsylvania**, South Carolina, Texas, and Washington.