

Pest Management Practices

Nursery and floriculture operations reported using several management practices to aid in the deterrence of pests through prevention, avoidance, monitoring and suppression.

Top Pest Management Practices by Percent of Operations, Program State Level, 2009

	Top Practice	Total	California	Florida	Michigan	Oregon	Pennsylvania	Texas
Prevention	Infected plants or plant parts removed	82	68	72	94	90	89	70
	Plant density adjusted	58	39	51	57	60	74	48
Monitoring	Scouted for pests (by general observations while performing routine tasks)	82	79	84	81	74	95	74
Suppression	Ground covers, mulches, or other physical barriers maintained	65	47	69	74	66	65	70

Pennsylvania: Active Ingredient - Total Applied by Production Category and Pesticide Class, 2009 ¹

Pesticide class	Production category					
	All nursery and floriculture	All nursery	Nursery propagation or lining-out stock	Broadleaf evergreens	Coniferous evergreens	Deciduous shade trees
Herbicides	(1,000 pounds) 24.2	(1,000 pounds) 24.1	(1,000 pounds) *	(1,000 pounds) 0.9	(1,000 pounds) 10.0	(1,000 pounds) 2.2
Insecticides	49.4	48.9	0.4	*	10.6	1.4
Fungicides	40.6	35.0	0.1	1.4	7.9	1.6
Other chemicals	1.7	1.4	*	--	*	--
All	115.9	109.4	0.5	2.7	28.4	5.2
Pesticide class	Production category					
	Deciduous flowering trees	Deciduous shrubs	Fruit and nut plants	Christmas trees	All floriculture	Cut flowers
Herbicides	((1,000 pounds) 3.2	(1,000 pounds) 0.4	(1,000 pounds) *	(1,000 pounds) 7.4	(1,000 pounds) 0.1	(1,000 pounds) *
Insecticides	9.0	0.2	*	27.0	0.5	0.1
Fungicides	1.0	*	*	23.0	5.6	0.2
Other chemicals	0.1	*	--	1.0	0.3	*
All	13.2	0.6	*	58.4	6.5	0.3
Pesticide class	Production category					
	Flowering Plants	Bedding plants	Foliage plants	Floriculture propagation material	Herbaceous perennials	
Herbicides	(1,000 pounds) *	(1,000 pounds) 0.1	(1,000 pounds) *	(1,000 pounds) *	(1,000 pounds) *	
Insecticides	0.2	0.1	*	*	0.1	
Fungicides	0.8	0.4	0.1	*	4.1	
Other chemicals	*	0.3	*	*	*	
All	1.0	0.8	0.1	0.1	4.2	

* Totals applied are less than 50 pounds. ¹ May not add due to rounding.