Agricultural Chemical Usage 2009 Fruit Summary

Overview
The National Agricultural Statistics Service (NASS) Agricultural Chemical Use program is the U.S. Department of Agriculture's official source of statistics about on-farm and post-harvest fertilizer and pesticide use and pest management practices. In the fall of 2009, NASS collected data about chemical use and pest management practices for 23 fruit crops in 12 states. In New Jersey, blueberry and peaches were covered by the 2009 Fruit Chemical Usage Survey.

Pest Management Practice
Fruit producers reported using several management practices to aid in the deterrence of pests through prevention, monitoring, and suppression. In New Jersey, the top prevention methods were used in farming over 50 percent of the 2009 fruit crops.

PEST MANAGEMENT PRACTICES IN NEW JERSEY	% of Acres Planted	% of All Fruit Operation
Practice, Prevention		
Field Edges, Ditches, Or Fence Lines Were Chopped, Sprayed, Mowed, Plowed, Or Burned	93	90
Equipment And Implements Cleaned After Field Work To Reduce Spread Of Pests	87	69
Crop Acres Cultivated For Weed Control	86	53
Crop Residues Removed Or Burned Down	77	69
Crop Acres Irrigated	75	31
Water Management Practices Used	31	12
Practice, Monitoring		
Scouted For Diseases	98	89
Scouted For Insects & Mites	98	89
Scouted - For Pests Or Beneficial Organisms By Deliberately Going To The Crop Acres	92	66
Weather Data Used To Assist Decisions	89	58
Scouted For Weeds	78	76
Scouted - Established Process Used	77	35
Written Or Electronic Records Kept To Track The Activity Of Pests	76	34
Scouted For Weeds - By Operator, Partner, Or Family Member	68	89
Diagnostic Laboratory Services Used For Pest Identification Or Soil Or Plant Tissue Pest Analysis	67	26
Field Mapping Data Used To Assist Decisions	65	24
Scouted - For Pests Due To A Pest Development Model	64	24
Scouted For Diseases - By Operator, Partner, Or Family Member	54	76
Scouted For Insects & Mites - By Operator, Partner, Or Family Member	53	76
Practice, Suppression		
Pesticides With Different Mechanisms Of Action Used To Keep Pest From Becoming Resistant To Pesticides	85	45
Scouting Data Compared To Published Information To Assist Decisions	74	42
Ground Covers, Mulches, Or Other Physical Barriers Maintained	68	59
Floral Lures, Attractants, Repellants, Pheromone Traps, Or Biological Pest Controls Used	55	19
Biological Pesticides Applied	20	7
Beneficial Organisms Applied Or Released	14	6