PEACHES

Peaches: Fertilizer Use by State, 1999
Percent of Acres Treated and Total Amount Applied

State	Bearing Acreage	Percent of Acres Treated and Total Applied					
		Nitrogen		Phosphate		Potash	
	Acres	Percent	1,000 Lbs	Percent	1,000 Lbs	Percent	1,000 Lbs
CA	74,800	90	5,632	26	498	32	1,712
GA	18,000	99	1,895	66	624	72	1,303
MI	4,600	73	227	22	19	56	162
NJ	8,000	58	495	19	67	91	454
NY	1,600	89	88	10	7	67	80
NC	1,550	97	106	42	26	92	106
PA	5,500	81	166	34	81	38	120
SC	16,500	87	918	29	170	80	1,512
TX	8,000	74	522	59	373	59	359
WA	2,500	74	170	37	33	39	39
Total	141,050	87	10,219	33	1,898	50	5,847

Peaches: Fertilizer Primary Nutrient Applications, States Surveyed and Total, 1999

Primary Nutrient	Bearing Acreage	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	Acres	Percent	Number	Pounds per Acre		1,000 Lbs
California:	74,800					
Nitrogen		90	1.4	56	84	5,632
Phosphate		26	1.0	24	26	498
Potash		32	1.1	62	72	1,712
Georgia:	18,000					
Nitrogen		99	2.1	50	106	1,895
Phosphate		66	1.4	36	52	624
Potash		72	1.5	66	100	1,303
Michigan:	4,600					
Nitrogen		73	1.9	35	67	227
Phosphate		22	2.5	7	19	19
Potash		56	1.6	38	62	162
New Jersey:	8,000					
Nitrogen		58	1.1	96	108	495
Phosphate		19	1.3	33	45	67
Potash		91	1.4	42	62	454
New York:	1,600					
Nitrogen		89	1.2	47	61	88
Phosphate		10	1.0	40	40	7
Potash		67	1.0	75	75	80
North Carolina:	1,550					
Nitrogen		97	1.3	52	71	106
Phosphate		42	1.3	29	39	26
Potash		92	1.1	62	74	106
Pennsylvania:	5,500					
Nitrogen		81	1.1	33	37	166
Phosphate		34	1.1	39	44	81
Potash		38	1.1	52	57	120
South Carolina:	16,500					
Nitrogen		87	1.3	47	64	918
Phosphate		29	1.0	34	36	170
Potash		80	1.3	88	115	1,512
Texas:	8,000					
Nitrogen		74	1.4	62	88	522
Phosphate		59	1.4	56	80	373
Potash		59	1.4	52	77	359
Washington:	2,500					
Nitrogen		74	1.7	53	91	170
Phosphate		37	1.0	33	35	33
Potash		39	1.0	38	40	39
Total:	141,050					
Nitrogen		87	1.5	54	83	10,219
Phosphate		33	1.2	32	40	1,898
Potash		50	1.3	63	84	5,847

Peaches: Pesticide, Total Acreage, Percent of Area Receiving Applications and Total Applied, States Surveyed and Total, 1999

State	Bearing Acreage	Area Receiving and Total Applied 1/							
		Herbicide		Insecticide 2/		Fungicide		Other Chemical	
	Acres	Percent	1,000 Lbs	Percent	1,000 Lbs	Percent	1,000 Lbs	Percent	1,000 Lbs
CA	74,800	43	80.6	85	1,964.4	86	920.4	25	357.5
GA 3/	18,000	93	38.2	99	79.7	99	770.3		
MI	4,600	48	2.6	90	9.3	86	53.2	25	0.1
NJ 3/	8,000	76	16.5	91	155.6	98	379.8		
NY 3/	1,600	56	1.3	99	7.9	97	33.2		
NC	1,550	58	0.5	93	6.8	94	38.3		
PA 3/	5,500	64	5.4	94	24.3	94	96.5		
SC 3/	16,500	83	145.8	81	222.3	85	1,069.5		
TX	8,000	59	11.9	83	24.0	74	44.5		
WA	2,500	43	2.2	97	80.6	93	51.7	23	**
Total	141,050	58	305.0	88	2,574.9	88	3,457.4	19	361.3

** Total applied is less than 50 lbs.

1/ Acreage in California includes non-bearing acres. Total applied may include applications of some active ingredients made only to non-bearing acres.

2/ Total Applied excludes Bt's *(Bacillus thuringiensis)*. Quantities are not available because amounts of active ingredient are not comparable between products.

3/ Insufficient reports to publish data for one or more of the pesticide classes.

Peaches: Agricultural Chemical Applications, States Surveyed, 1999 1/

Agricultural Chemical	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	Percent	Number	Pounds per Acre		1,000 lbs
Herbicides:					
2,4-D	12	1.3	0.81	1.10	19.1
Diuron	13	1.1	0.89	1.05	19.2
Fluazifop-P-butyl	10	1.2	0.13	0.16	2.2
Glyphosate	38	2.3	0.68	1.59	86.1
Norflurazon	8	1.3	1.17	1.62	17.5
Oryzalin	3	1.0	1.45	1.58	6.6
Oxyfluorfen	11	1.1	0.27	0.30	4.6
Paraquat	37	1.2	0.46	0.57	30.2
Pendimethalin	6	1.0	2.31	2.40	20.2
Simazine	27	1.9	1.26	2.39	90.0
Terbacil	2	1.0	0.49	0.50	1.6
Insecticides:					
Azinphos-methyl	14	4.0	0.64	2.62	50.9
Bt(*Bacillus thur.*) 2/	6	1.9			
Carbaryl	19	2.3	1.17	2.74	73.7
Chlorpyrifos	21	1.2	1.32	1.64	47.7
Clofentezine	8	1.2	0.10	0.12	1.2
Diazinon	10	1.2	1.78	2.27	32.5
Dicofol	1	1.0	1.41	1.50	2.8
Endosulfan	6	5.8	1.24	7.25	57.2
Esfenvalerate	46	1.7	0.04	0.07	4.3
Fenbutatin-oxide	13	1.1	0.67	0.76	14.0
Formetanate hydro.	2	1.2	0.77	0.95	2.9
Lindane	*	2.3	0.19	0.44	**
Malathion	2	1.8	1.62	2.91	8.8
Methidathion	5	1.1	1.40	1.58	12.1
Methomyl	6	2.2	0.80	1.80	16.6
Methoxychlor	*	2.0	1.28	2.59	0.2
Methyl parathion	38	3.0	0.63	1.90	101.9
Permethrin	25	2.9	0.16	0.47	16.8
Petroleum distillate	37	1.2	30.45	39.21	2,030.0
Phosmet	26	2.2	1.15	2.56	95.3
Fungicides:					
Azoxystrobin	2	1.9	0.10	0.19	0.6
Basic copper sulfate	9	1.3	7.01	9.11	111.4
Benomyl	9	3.4	0.45	1.56	19.7
Calcium polysulfide	*	1.1	11.28	13.27	13.6
Captan	28	3.8	1.58	6.10	242.0
Chlorothalonil	9	2.2	1.48	3.32	40.2
Copper ammonium carb.	3	8.9	0.35	3.15	12.8
Copper hydroxide	26	2.4	2.11	5.09	184.8
Copper oxide	4	1.1	4.85	5.41	29.2
Copper oxychlo. sul.	5	2.7	1.18	3.18	23.2
Copper resinate	4	8.5	0.04	0.32	1.9
Copper sulfate	2	1.3	2.99	3.92	9.7
Cyprodinil	2	1.7	0.16	0.28	0.8
Dodine	*	4.9	0.23	1.12	0.2
Fenarimol	*	2.8	0.010	0.04	**
Fenbuconazole	19	2.5	0.09	0.22	5.8
Ferbam	2	1.1	2.27	2.57	5.8
Iprodione	21	1.3	0.62	0.82	24.0

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Peaches: Agricultural Chemical Applications, States Surveyed, 1999 1/ *(continued)*

Agricultural Chemical	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	Percent	Number	Pounds per Acre		1,000 lbs
Fungicides: *(continued)*					
Mancozeb	*	3.2	0.84	2.68	0.1
Myclobutanil	8	1.6	0.11	0.18	2.0
Oxytetracycline	8	4.3	0.14	0.61	6.9
Propiconazole	44	2.6	0.10	0.27	16.7
Streptomycin	*	6.5	0.07	0.44	0.1
Sulfur	53	4.3	7.96	34.59	2,567.3
Tebuconazole	9	1.8	0.13	0.24	3.1
Thiophanate-methyl	2	1.6	0.41	0.65	1.9
Triforine	*	2.6	0.41	1.12	0.5
Vinclozolin	*	1.2	0.61	0.79	0.6
Ziram	15	1.5	3.93	5.91	129.1
Other Chemicals:					
Dodecanol	*	1.0	0.010	0.010	**
E,E-8, 10-Dodecadien	*	1.0	0.02	0.02	**
Methyl bromide	*	1.1	245.62	292.11	272.0
Tetradecanol	*	1.0	0.002	0.002	**
Z-8-Dodecenyl Acetate	12	1.2	0.006	0.008	0.1
Zinc phosphide	*	1.0	0.11	0.11	0.1

* Area applied is less than one percent.
** Total applied is less than 50 lbs.
1/ Bearing acres in 1999 for the 10 States surveyed were 141,050 acres. States included are CA, GA, MI, NJ, NY, NC, PA, SC, TX and WA. Acreage in California includes non-bearing acres.
2/ Rates and total applied are not available because amounts of active ingredient are not comparable between products.

Peaches: Agricultural Chemical Applications, New York, 1999 1/

Agricultural Chemical	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	Percent	Number	Pounds per Acre		1,000 lbs
Herbicides:					
2,4-D	12	1.0	1.03	1.10	0.2
Glyphosate	25	1.1	0.96	1.14	0.5
Paraquat	31	1.7	0.30	0.52	0.3
Simazine	7	1.0	0.93	0.93	0.1
Insecticides:					
Azinphos-methyl	59	2.3	0.68	1.62	1.5
Carbaryl	21	2.1	1.15	2.50	0.8
Endosulfan	11	1.4	1.16	1.63	0.3
Esfenvalerate	41	2.6	0.07	0.18	0.1
Methomyl	19	1.5	1.00	1.54	0.5
Methyl parathion	32	1.9	0.79	1.54	0.8
Permethrin	13	1.2	0.16	0.19	0.4
Petroleum distillate	10	1.0	18.25	18.25	3.0
Phosmet	12	2.6	1.41	3.72	0.7
Fungicides:					
Benomyl	16	2.1	0.44	0.95	0.2
Captan	77	4.1	1.60	6.69	8.3
Chlorothalonil	29	2.5	2.04	5.13	2.4
Copper hydroxide	17	1.1	1.22	1.34	0.4
Copper oxychlo. sul.	26	1.1	3.51	3.89	1.6
Fenbuconazole	48	2.0	0.09	0.18	0.1
Ferbam	9	1.4	1.88	2.73	0.4
Iprodione	6	2.0	0.73	1.50	0.1
Propiconazole	30	1.5	0.11	0.18	0.1
Sulfur	60	3.6	5.23	19.17	18.4

1/ Bearing acres in 1999 for New York were 1,600 acres.