

Pennsylvania and Program States ^{1,2}: Peaches – Fertilizer Primary Nutrient Applications, 2009

Primary Nutrient	Area Applied		Applications		Rate per Application		Rate per Crop Year		Total Applied	
	PA	US	PA	US	PA	US	PA	US	PA	US
Fertilizer/Nutrient ³	(percent)		(number)		(pounds per acre)		(pounds per acre)		(1,000 lbs.)	
Nitrogen	75	80	1.8	1.7	16	47	29	79	(Z)	6,000
Phosphate	29	23	1.8	1.3	12	26	22	33	(Z)	1,000
Potash	39	43	1.7	1.3	16	50	28	66	(Z)	2,000

¹ The 7 Program States consist of: California, Georgia, Michigan, New Jersey, **Pennsylvania**, South Carolina, and Texas. ² (Z) is displayed for estimates less than half of the unit shown. ³ Data for sulfur is withheld from the table to avoid disclosing data for individual farms.

Pennsylvania and Program States ^{1,2,3}: Peaches – Agricultural Chemical Applications, 2009

Active Ingredient	Area Applied		Applications		Rate per Application		Rate per Crop Year		Total Applied	
	PA	US	PA	US	PA	US	PA	US	PA	US
Herbicides ⁴	(percent)		(number)		(pounds per acre)		(pounds per acre)		(1,000 lbs.)	
2,4-D	5	(Z)	1	1	0.186	0.186	0.186	0.186	(Z)	(Z)
2,4-D, dimethylamine salt	8	16	1.1	1.4	0.587	0.801	0.626	1.149	(Z)	18
Diuron	5	16	1	1.2	0.864	1.752	0.864	2.078	(Z)	33
Glyphosate isopropylamine salt	7	35	1.1	1.5	0.539	0.881	0.594	1.323	(Z)	46
Norflurazon	4	2	1	1	0.94	1.666	0.94	1.666	(Z)	4
Paraquat	22	24	1.5	1.5	0.49	0.573	0.749	0.854	1	20
Pendimethalin	12	5	1	1.2	1.086	1.639	1.086	1.895	1	9
Simazine	7	10	1.1	1.7	1.244	1.776	1.33	3.029	(Z)	29
Insecticides ⁵										
Acetamiprid	14	2	1.7	1.4	0.084	0.104	0.143	0.15	(Z)	(Z)
Azinphos-methyl	2	1	1.4	2.1	0.508	0.737	0.717	1.548	(Z)	2
Carbaryl	21	7	1.7	1.2	1.188	1.728	2.054	2.114	2	15
Chlorpyrifos	6	24	1.1	1.4	1.279	1.553	1.407	2.198	(Z)	51
Cyfluthrin	16	16	2.4	3.6	0.024	0.037	0.057	0.134	(Z)	2
Endosulfan	4	1	2.3	2.5	0.457	0.58	1.067	1.462	(Z)	2
Esfenvalerate	25	51	2.2	2.7	0.021	0.048	0.046	0.126	(Z)	6
Fenpropathrin	6	1	2.4	1.9	0.125	0.181	0.296	0.349	(Z)	(Z)
Imidacloprid	33	6	1.5	1.7	0.031	0.056	0.046	0.095	(Z)	1
Lambda-cyhalothrin	35	16	2.8	1.7	0.014	0.03	0.04	0.052	(Z)	1
Methomyl	9	3	1	2.5	0.398	0.818	0.417	2.061	(Z)	6
Permethrin	5	6	2.9	5.5	0.114	0.167	0.325	0.914	(Z)	6
Petroleum distillate	4	25	1	1.2	15.706	22.693	15.706	28.111	2	681
Petroleum oil	9	14	1	1.1	10.021	95959	10.021	10.971	4	151
Phosmet	43	30	3.9	2.6	0.997	1.34	3.905	3.498	7	102
Fungicides ⁶										
Basic Copper Sulfate	14	10	1.6	1.5	0.79	6.565	1.231	9.921	1	93
Boscalid	31	19	1.9	1.3	0.011	0.02	0.021	0.026	(Z)	1
Captan	59	24	5.4	5.1	1.239	1.629	6.706	8.274	17	191
Chlorothalonil	55	26	3.1	1.8	1.275	2.019	3.929	3.536	10	89
Copper hydroxide	5	28	2.1	2.1	0.234	1.157	0.491	2.483	(Z)	68
Copper oxychloride	11	1	1.2	1.2	2.809	2.741	3.32	3.172	2	5
Copper sulfate	4	4	1	1.8	0.941	1.221	0.941	2.251	(Z)	9
Fenbuconazole	46	11	2.3	2.6	0.082	0.073	0.193	0.19	(Z)	2
Myclobutanil	25	7	3.5	2.8	0.055	0.06	0.194	0.167	(Z)	1
Oxytetracycline	5	9	3	2.2	0.13	0.161	0.393	0.358	(Z)	3
Propiconazole	12	39	1.9	1.5	0.102	0.108	0.196	0.165	(Z)	6
Pyraclostrobin	32	18	2.2	1.3	0.013	0.004	0.027	0.005	(Z)	(Z)
Streptomycin sulfate	9	5	3.7	4	0.122	0.135	0.446	0.541	(Z)	3
Sulfur	46	55	5	3.9	3.461	8.369	17.244	32.331	35	1,731
Tebuconazole	14	10	1.5	1.2	0.075	0.135	0.117	0.168	(Z)	2
Thiophanate-methyl	9	10	1.9	1.3	0.468	0.82	0.901	1.099	(Z)	11
Ziram	7	20	3.4	1.4	1.8	4.83	6.093	6.668	2	130

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² (Z) is displayed for estimates less than half of the unit shown.

³ All other pesticides were withheld from the table to avoid disclosing data for individual farms.

⁴ The following herbicides were withheld from the table to avoid disclosing data for individual farms: Carfentrazone-ethyl, Flumioxazin, Glyphosate ammonium salt, Glyphosate potassium salt, Rimsulfuron, Terbacil.

⁵ The following insecticides were withheld from the table to avoid disclosing data for individual farms: Azadirachtin, Benzoic acid, Beta-cyfluthrin, Bifenazate, Bifenthrin, Chlorantraniliprole, Clofentezine, Diazinon, Disodium octaborate tetrahydrate., Flubendiamide, Formetanate Hydrochloride, Gamma-cyhalothrin, Indoxacarb, Malathion, Pyridaben, Spinetoram, Spinosad, Spirotetramat, Thiamethoxam.

⁶ The following fungicides were withheld from the table to avoid disclosing data for individual farms: Bacillus subtilis, Copper oxychloride sulfate, Copper resinate, Fenarimol, Fenhexamid, Iprodione, Mancozeb, Metiram, Mono-potassium salt, Phosphorous acid, Pyrimethanil, Thiram, Triadimefon, Trifloxystrobin, Triflumizole.