

Pennsylvania¹ and Program States²: Apples – Agricultural Chemical Applications, 2007 (continued)

Active Ingredient	Area Applied		Applications		Rate per Application		Rate per Crop Year		Total Applied	
	PA	US ²	PA	US ²	PA	US ²	PA	US ²	PA	US ²
	Percent		Number		Pounds per Acre		Pounds per Acre		1,000 lbs.	
Other Chemicals										
Benzyladenine	16	23	1.2	1.3	0.050	0.034	0.061	0.043	0.2	2.9
Butenoic Acid Hydro.	11	15	1.3	1.1	0.099	0.071	0.128	0.075	0.3	3.3
Chlorophacinone	3	2	1.0	1.1	0.001	0.001	0.001	0.001	^{3/}	^{3/}
Dodecadien-1-ol	2	2	1.8	1.3	0.010	0.012	0.017	0.016	^{3/}	0.1
Ethephon	27	13	1.6	1.3	0.208	0.485	0.335	0.615	2.0	23.3
Gibberellic acid	1	3	1.8	1.8	0.020	0.026	0.035	0.048	^{3/}	0.4
Gibberellins A4A7	4	18	1.0	1.0	0.016	0.024	0.016	0.024	^{3/}	1.2
NAA, Sodium	31	11	1.4	1.4	0.012	0.012	0.016	0.017	0.1	0.5
Prohexadione calcium	6	6	1.7	2.0	0.102	0.213	0.178	0.422	0.2	7.4
Spirodiclofen	17	7	1.6	1.2	0.145	0.208	0.232	0.239	0.9	4.8
Zinc phosphide	8	2	1.0	1.4	0.173	0.117	0.173	0.159	0.3	1.0

¹ Bearing acreage in 2007 for Pennsylvania is 21,500 acres.

² The 7 Program States consist of: California, Florida, Michigan, New York, North Carolina, Oregon, **Pennsylvania**, and Washington totaling 288,000 bearing acres.

³ Total applied is less than 50 lbs.

⁴ Rate and total applied are not available because amounts of active ingredient are not comparable between products.

⁵ Area applied is less than 0.5 percent.

Pennsylvania and Program States¹: Apples – Fertilizer Use, 2007
Percent of Acres Treated and Total Applied

State	Bearing Acreage	Percent of Acres Treated and Total Applied							
		Nitrogen		Phosphate		Potash		Sulfur	
		Percent	1,000 Lbs.	Percent	1,000 Lbs.	Percent	1,000 Lbs.	Percent	1,000 Lbs.
PA	21,500	45	287.0	29	182.2	29	234.5	^{2/}	^{2/}
US ¹	288,000	71	10,861.8	24	2,445.8	34	6,327.0	12	962.1

¹ The 7 Program States consist of: California, Florida, Michigan, New York, North Carolina, Oregon, **Pennsylvania**, and Washington.

² Insufficient reports to publish data for the fertilizer primary nutrient.

Pennsylvania and Program States¹: Apples – Fertilizer Primary Nutrient Applications, 2007

Primary Nutrient	Bearing Acreage	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	Acres	Percent	Number	Pounds per Acre	Pounds per Acre	1,000 Lbs.
Pennsylvania	21,500					
Nitrogen		45	1.2	25	30	287.0
Phosphate		29	1.1	27	29	182.2
Potash		29	1.1	35	38	234.5
Program States¹	288,000					
Nitrogen		71	1.5	35	53	10,861.8
Phosphate		24	1.5	24	36	2,445.8
Potash		34	1.4	47	65	6,327.0

¹ The 7 Program States consist of : California, Florida, Michigan, New York, North Carolina, Oregon, **Pennsylvania**, and Washington.