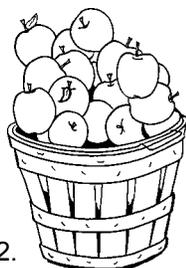


Apples

Number of Orchards and Trees: A total of 373 commercial fruit growers with apples were accounted for in the 2002 survey with 364 having 100 or more apple trees in their orchards. In 1997 the total number of commercial growers was 516, with 504 having 100 or more apple trees. The Commonwealth generally ranks fourth or fifth in the Nation in the production of apples. Commercial apple growers in 2002 had 2,814,132 trees, compared with 2,671,117 trees in 1997, a 5 percent increase. Total acreage is declining as growers are shifting to size controlled trees with a higher density per acre. Of the total 2,814,439 non-commercial and commercial apple trees in 2002, 19 percent were standard size trees and 81 percent size controlled. Comparable percentages for the 1997 survey were 21 and 79, respectively. Growers with 5,000 or more apple trees totaled 101, only 26 percent of the total number of operations, but had 2,466,589 trees, 88 percent of the total number of apple trees.

Acreage in Orchards: A total of 19,267 acres of land was being used by commercial apple orchards in 2002. This is a decline of 16 percent from the 23,047 acres in 1997. Trees per acre increased from 116 in 1997 to 146 in 2002.



Location of Trees: Apples are widely grown throughout Pennsylvania, but the inventory of commercial trees in Fruit Region I accounts for 64 percent of the total. The five leading counties (Adams, Franklin, Lycoming, Berks, and Bedford) contained 75 percent, or 2,107,267 of the total 2,814,439 trees.

Age of Trees: The percent breakdown of total apple trees by age was as follows: 1 to 3 years old, 14 percent; 4 to 6 years, 17 percent; 7 to 21 years, 47 percent; and 22 years and older, 22 percent.

Varieties: Red Delicious Spur and Golden Delicious led all varieties accounting for 17 percent of the total apple trees in 2002. Other leading varieties as a percent of total trees are: York, 14 percent; Rome, 9 percent; and Gala, 7 percent. Of the total trees 1 to 3 years old, 21 percent were Golden Delicious, 18 percent were Gala, and 13 percent were Red Delicious Spur and York.

Rootstock: Size controlled apple rootstock accounted for 81 percent of the total apple trees in 2002, the remaining 19 percent were standard seedlings. The leading size-controlled rootstock as a percent of total trees are: EMLA.7, M.7, M.7A, 22 percent; EMLA.111, MM.111, 21 percent; and EMLA.26, M.26, 19 percent.

Pennsylvania: Apples (Commercial) - Comparison of Orchards, Tree Numbers and Acres by Region, 1992, 1997 and 2002 ¹

Region	Number of Orchards			Number of Trees			Number of Acres		
	1992	1997	2002	1992	1997	2002	1992	1997	2002
I	176	156	110	1,347,727	1,641,062	1,795,578	16,251	15,857	13,710
II	133	130	88	292,831	321,569	281,422	2,603	2,349	1,727
III	128	103	76	360,740	498,773	560,291	3,649	3,308	2,585
IV & V	128	115	90	194,339	209,713	176,841	1,617	1,524	1,239
Pennsylvania	565	504	364	2,195,637	2,671,117	2,814,132	24,120	23,038	19,261

¹ Excludes orchards with less than 100 apple trees.

Pennsylvania: Apples (Commercial) - Number and Size of Orchards By Region, 1992, 1997 and 2002 ¹

Region	Number of Orchards			Number of Apple Orchards by Size Groups											
				100-499 Trees			500-2,499 Trees			2,500-4,999 Trees			5,000+ Trees		
	1992	1997	2002	1992	1997	2002	1992	1997	2002	1992	1997	2002	1992	1997	2002
I	176	156	110	32	21	15	42	34	17	29	24	24	73	77	54
II	133	130	88	53	45	32	46	47	28	17	20	11	17	18	17
III	128	103	76	48	31	25	45	35	17	14	14	12	21	23	22
IV & V	128	115	90	54	47	44	49	46	26	17	13	12	8	9	8
Pennsylvania	565	504	364	187	144	116	182	162	88	77	71	59	119	127	101

¹ Excludes orchards with less than 100 apple trees.