

Census of Horticultural Specialties

By Sharon D. Deane

Pennsylvania is Ranked 10th in U.S. Horticultural Specialty Crops Total Value of Sales

This is a brief summary of the 2009 Census of Horticultural Specialties. The complete report contains over 500 pages of information. It can be found at http://www.agcensus.usda.gov/Publications/2007/Online_Highlights/Census_of_Horticulture/index.asp.

The 2009 Census of Horticulture counted 21,585 operations in the United States with sales of \$10,000 or more in horticultural specialty crops, a decrease of 2,173 operations since the 1998 Census of Horticulture. Sales of horticultural crops only increased by 10 percent over this period, compared to a 60 percent increase for all crop commodities according to U.S. Department of Agriculture, Economic Research Service. *Farm Income and Balance Sheets, 1929-2010*.

Nationwide, wholesale sales accounted for 85 percent of all horticultural sales in 2009. The top two wholesale crops were nursery stock followed by annual bedding and garden plants. Horticultural specialty operations also sold \$1.8 billion at the retail level, or 15 percent of the total value of horticultural production. The top crop for sales at the retail level was annual bedding and garden plants, followed by nursery stock. Smaller operations sold more at the retail level. Operations with sales of less than \$250,000 accounted for 30 percent of all retail sales.

Retail garden centers and nurseries (excluding mass marketers) were the largest purchasers of horticultural specialty crops in 2009, with purchases of \$2.3 billion. Other mass marketers, including discount chain stores and hardware/home improvement stores, were the second largest customers of horticultural products, with purchases of \$2.1 billion in 2009.

Nationally, the single largest expense for horticultural specialty operations is hired labor, which includes salaries paid to hired workers, as well as benefits for workers. Horticultural operations employed 280,201 hired workers in 2009. Hired labor expenses were more than twice the amount of the next largest expense, which was for seeds, plants, vines and trees. Other significant production expenses included the expense for containers, which includes pots and flats, and for gasoline, fuels and oils.

About the Survey: The 2009 Census of Horticultural Specialties is the ninth census of horticultural specialties. Previous horticultural specialties censuses were conducted in conjunction with the census of agriculture and were taken in 1889, 1929, 1949, 1959, 1970, 1979, 1988, and 1998. The 2009 Census of Horticultural Specialties includes producers of floriculture, nursery, and other specialty crops, such as sod, food crops produced under glass or other protection, transplants for commercial production, and propagative materials.

The definition of a horticultural specialty operation is any place that produced and sold \$10,000 or more of horticultural specialty products during 2009. This same definition was used in the 1998 Census.

The census of horticultural specialties is the leading source of detailed production and sales data at the National and State level. Census data are used to evaluate, change, promote, and formulate policies and programs that help horticultural specialty producers. It is used to study historic trends, assess current conditions, and plan for the future; as well as design new and improved methods to increase horticultural specialty production and profitability.

The results of the survey are available to the public. Associations use these statistics when working with policy makers at the state and national levels. University Extension specialists justify research grants and other activities with statistics that describe the size and importance of the industry in each state. Banks and other lending institutions often use the data when evaluating loan applications. Individual producer data is kept strictly confidential and used only in combination with other reports to prepare state and national statistics. Individual information is exempted from disclosure under the Freedom of Information Act.

The following abbreviations and symbols are used throughout the tables:

- Represents zero.
- (D) Withheld to avoid disclosing data for individual operations.
- (NA) Not available.
- (X) Not applicable.
- (Z) Less than half of the unit shown.

United States	2009 Value of Sales	1998 Value of Sales	% Change
All Horticultural Crops	\$11.7 billion	\$10.6 billion	+10.3
Nursery Stock	\$3.9 billion	\$3.1 billion	+24.3
Annual Bedding/Garden Plants	\$2.3 billion	\$1.7 billion	+33.3
Herbaceous Perennial Plants	\$844 million	\$627 million	+34.5
Propagative Materials	\$602 million	\$493 million	+22.0
Food Crops Grown Under Protection	\$553 million	\$223 million	+148.5
Transplants for Commercial Vegetable Production	\$331 million	\$156 million	+111.6
Cut Christmas Trees	\$250 million	\$256 million	-2.5

Table 1. Value of Horticultural Specialty Crops Sold, United States and Top 10 States: 2009

Geographic area	Total sales		Wholesale sales		Retail sales	
	Operations	Value (\$1,000)	Operations	Value (\$1,000)	Operations	Value (\$1,000)
United States	21,585	11,687,323	14,393	9,891,740	13,254	1,795,583
California	1,611	2,283,394	1,274	2,048,681	715	234,713
Florida	1,882	1,288,798	1,682	1,229,897	507	58,901
Oregon	1,177	835,201	966	790,646	439	44,555
Texas	738	620,103	587	533,362	332	86,741
Michigan	1,089	566,794	683	458,934	765	107,860
North Carolina	1,021	501,363	759	457,704	534	43,660
Ohio	784	351,241	485	273,866	591	77,375
New Jersey	623	347,601	405	304,989	379	42,612
New York	1,040	303,354	552	219,831	795	83,523
Pennsylvania	1,288	296,005	722	207,741	1,009	88,264

Table 2. Total Land Area Used for Horticultural Production: 2009

Geographic area	Greenhouses							
	Type of cover							
	Total		Glass		Rigid plastic		Plastic film	
	Operations	Area (1,000 sq ft)	Operations	Area (1,000 sq ft)	Operations	Area (1,000 sq ft)	Operations	Area (1,000 sq ft)
United States	13,546	859,063	1,703	114,037	2,898	120,290	11,930	624,736
Pennsylvania	914	23,922	126	2,196	198	2,297	841	19,429
Geographic area	Area in the open		Shade structure area		Natural shade area		Greenhouses – Con.	
							Greenhouse space erected in 2009	
	Operations	Acres	Operations	Area (1,000 sq ft)	Operations	Area (1,000 sq ft)	Operations	Area (1,000 sq ft)
United States	12,140	572,269	3,916	406,072	1,608	8,160	868	16,279
Pennsylvania	633	20,006	139	1,091	48	114	38	992

Table 3. Kind of Business by Value of Sales: 2009

The information in the table summarizes total sales by operations which have over 50 percent of their sales in that category.

Item	Total		\$2,500,000 or more		\$1,000,000 to \$2,499,999		\$500,000 to \$999,999		\$250,000 to \$499,999		\$100,000 to \$249,999	
	Operations	Sales (\$1,000)	Operations	Sales (\$1,000)	Operations	Sales (\$1,000)	Operations	Sales (\$1,000)	Operations	Sales (\$1,000)	Operations	Sales (\$1,000)
ALL HORTICULTURAL SPECIALTY OPERATIONS												
United States	21,585	11,687,323	804	6,959,443	1,133	1,766,102	1,530	1,074,815	2,258	791,029	3,991	631,503
Pennsylvania	1,288	296,005	19	115,225	31	50,776	56	37,545	78	26,972	220	32,786
ANNUAL BEDDING/ GARDEN PLANTS												
United States	5,703	2,396,295	153	1,327,167	190	296,574	335	237,255	622	217,271	1,168	184,620
Pennsylvania	551	81,004	2	(D)	8	11,171	19	11,432	36	12,201	96	14,112
POTTED HERBACEOUS PERENNIAL PLANTS												
United States	910	414,586	23	238,233	42	69,319	45	30,922	77	27,403	175	28,943
Pennsylvania	71	6,943	-	-	-	-	2	(D)	3	1,080	15	2,514
POTTED FLOWERING PLANTS FOR INDOOR OR PATIO USE												
United States	763	598,340	49	402,067	53	88,139	63	43,046	70	26,205	141	22,983
Pennsylvania	34	30,670	2	(D)	1	(D)	4	2,796	2	(D)	8	1,289
FOLIAGE PLANTS FOR INDOOR OR PATIO USE												
United States	572	377,382	28	172,179	57	90,866	75	53,620	98	34,253	103	17,107
Pennsylvania	2	(D)	-	-	-	-	-	-	1	(D)	1	(D)

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Table 3. **Kind of Business by Value of Sales: 2009** – Continued

The information in the table summarizes total sales by operations which have over 50 percent of their sales in that category.

Item	Total		\$2,500,000 or more		\$1,000,000 to \$2,499,999		\$500,000 to \$999,999		\$250,000 to \$499,999		\$100,000 to \$249,999	
	Operations	Sales (\$1,000)	Operations	Sales (\$1,000)	Operations	Sales (\$1,000)	Operations	Sales (\$1,000)	Operations	Sales (\$1,000)	Operations	Sales (\$1,000)
CUT FLOWERS AND CUT LEI FLOWERS												
United States	836	383,416	35	247,329	28	41,230	47	32,945	61	20,789	140	21,172
Pennsylvania	21	(D)	-	-	-	-	3	(D)	1	(D)	3	377
CUT CULTIVATED GREENS												
United States	268	85,445	8	31,883	11	16,023	20	14,709	28	9,445	44	6,834
Pennsylvania	2	(D)	-	-	-	-	-	-	-	-	-	-
NURSERY STOCK												
United States	5,937	3,995,039	288	2,488,994	403	626,344	485	342,845	683	240,238	1,129	178,794
Pennsylvania	221	76,027	6	27,675	13	21,446	15	10,660	16	5,909	37	5,293
CUTTINGS, PLUG SEEDLINGS, LINERS, TISSUE CULTURED PLANTLETS, AND PREFINISHED PLANTS												
United States	433	518,881	49	377,227	49	75,828	44	30,976	52	18,590	58	8,637
Pennsylvania	14	21,698	3	16,174	2	(D)	1	(D)	2	(D)	1	(D)
SOD, SPRIGS OR PLUGS												
United States	1,317	876,790	68	365,288	139	208,171	209	146,500	259	90,246	300	50,354
Pennsylvania	9	3,806	-	-	1	(D)	3	1,798	1	(D)	3	463
DRIED BULBS, CORMS, RHIZOMES, AND TUBERS												
United States	88	47,244	3	26,651	6	(D)	9	6,343	8	2,959	6	799
Pennsylvania	-	-	-	-	-	-	-	-	-	-	-	-
FOOD CROPS GROWN UNDER PROTECTION												
United States	815	544,658	18	420,609	27	42,737	37	26,699	46	15,594	129	19,255
Pennsylvania	67	13,959	1	(D)	4	7,061	-	-	1	(D)	10	1,246
TRANSPLANTS FOR COMMERCIAL VEGETABLE AND STRAWBERRY PRODUCTION												
United States	154	355,475	28	300,196	18	33,893	14	9,129	16	5,449	29	4,665
Pennsylvania	5	320	-	-	-	-	-	-	-	-	1	(D)
VEGETABLE SEEDS												
United States	244	87,568	4	13,000	18	25,420	23	15,345	56	19,228	70	11,121
Pennsylvania	-	-	-	-	-	-	-	-	-	-	-	-
FLOWER SEEDS												
United States	66	28,829	2	(D)	4	(D)	5	(D)	6	2,107	15	2,354
Pennsylvania	1	(D)	1	(D)	-	-	-	-	-	-	-	-
AQUATIC PLANTS												
United States	107	23,352	1	(D)	3	5,746	5	(D)	17	6,015	19	3,050
Pennsylvania	8	422	-	-	-	-	-	-	-	-	2	(D)
CUT CHRISTMAS TREES												
United States	2,248	245,365	9	64,610	23	35,214	37	25,325	65	21,838	252	37,679
Pennsylvania	208	16,415	-	-	1	(D)	1	(D)	11	3,739	32	4,867
OTHER												
United States	1,124	708,657	38	466,523	62	96,583	77	52,531	94	33,399	213	33,136
Pennsylvania	74	36,443	4	23,202	1	(D)	8	5,428	4	1,316	11	1,703

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Table 3. **Kind of Business by Value of Sales: 2009** – Continued

The information in the table summarizes total sales by operations which have over 50 percent of their sales in that category.

Item	\$50,000 to \$99,999		\$40,000 to \$49,999		\$25,000 to \$39,999		\$20,000 to \$24,999		\$10,000 to \$19,999	
	Operations	Sales (\$1,000)	Operations	Sales (\$1,000)	Operations	Sales (\$1,000)	Operations	Sales (\$1,000)	Operations	Sales (\$1,000)
ALL HORTICULTURAL SPECIALTY OPERATIONS										
United States	3,538	251,593	1,261	56,083	2,641	83,615	1,249	27,619	3,180	45,521
Pennsylvania	225	15,431	101	4,426	225	7,238	98	2,164	235	3,440
ANNUAL BEDDING/GARDEN PLANTS										
United States	1,031	72,957	405	18,133	782	24,942	325	7,253	692	10,122
Pennsylvania	111	7,497	55	2,402	103	(D)	39	865	82	1,179
POTTED HERBACEOUS PERENNIAL PLANTS										
United States	133	9,516	67	2,946	104	3,316	53	1,158	191	2,830
Pennsylvania	13	857	8	(D)	14	438	3	69	13	(D)
POTTED FLOWERING PLANTS FOR INDOOR OR PATIO USE										
United States	131	9,462	38	1,679	71	2,267	49	1,106	98	1,386
Pennsylvania	7	460	2	(D)	1	(D)	3	65	4	49
FOLIAGE PLANTS FOR INDOOR OR PATIO USE										
United States	81	6,043	19	845	44	1,414	13	281	54	776
Pennsylvania	-	-	-	-	-	-	-	-	-	-
CUT FLOWERS AND CUT LEI FLOWERS										
United States	159	11,396	49	2,169	84	2,631	69	1,519	164	2,235
Pennsylvania	2	(D)	4	188	2	(D)	1	(D)	5	80
CUT CULTIVATED GREENS										
United States	57	4,222	14	617	22	683	17	364	47	666
Pennsylvania	-	-	-	-	-	-	-	-	2	(D)
NURSERY STOCK										
United States	924	65,801	317	14,138	644	20,377	302	6,657	762	10,852
Pennsylvania	40	2,721	11	480	27	915	12	272	44	657
CUTTINGS, PLUG SEEDLINGS, LINERS, TISSUE CULTURED PLANTLETS, AND PREFINISHED PLANTS										
United States	66	4,696	10	443	47	1,525	17	357	41	603
Pennsylvania	1	(D)	-	-	3	111	-	-	1	(D)
SOD, SPRIGS OR PLUGS										
United States	158	11,352	40	1,744	56	1,733	26	555	62	846
Pennsylvania	1	(D)	-	-	-	-	-	-	-	-
DRIED BULBS, CORMS, RHIZOMES, AND TUBERS										
United States	6	398	10	436	17	496	5	(D)	18	264
Pennsylvania	-	-	-	-	-	-	-	-	-	-
FOOD CROPS GROWN UNDER PROTECTION										
United States	137	9,382	58	2,544	141	4,328	50	1,092	172	2,418
Pennsylvania	9	665	4	174	13	(D)	10	218	15	219
TRANSPLANTS FOR COMMERCIAL VEGETABLE AND STRAWBERRY PRODUCTION										
United States	20	1,375	1	(D)	13	447	5	121	10	(D)
Pennsylvania	-	-	-	-	3	(D)	1	(D)	-	-
VEGETABLE SEEDS										
United States	30	2,180	8	(D)	17	577	13	280	5	(D)
Pennsylvania	-	-	-	-	-	-	-	-	-	-
FLOWER SEEDS										
United States	10	702	6	278	4	128	6	126	8	117
Pennsylvania	-	-	-	-	-	-	-	-	-	-

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Table 3. Kind of Business by Value of Sales: 2009 – Continued

The information in the table summarizes total sales by operations which have over 50 percent of their sales in that category.

Item	\$50,000 to \$99,999		\$40,000 to \$49,999		\$25,000 to \$39,999		\$20,000 to \$24,999		\$10,000 to \$19,999	
	Operations	Sales (\$1,000)	Operations	Sales (\$1,000)	Operations	Sales (\$1,000)	Operations	Sales (\$1,000)	Operations	Sales (\$1,000)
AQUATIC PLANTS										
United States	17	1,179	4	170	15	457	4	(D)	22	325
Pennsylvania	-	-	-	-	2	(D)	-	-	4	60
CUT CHRISTMAS TREES										
United States	370	25,960	143	6,362	435	13,597	226	5,030	688	9,750
Pennsylvania	21	1,421	12	528	45	(D)	27	591	58	845
OTHER										
United States	208	14,970	72	3,175	145	4,695	69	1,526	146	2,119
Pennsylvania	20	1,545	5	232	12	(D)	2	(D)	7	101



Table 4. Value of Horticultural Specialty Crops Sold by Marketing Channels: 2009

Geographic area	Consumers (direct sales)		Retail florists		Retail garden centers/nurseries, excluding mass marketers		Supermarkets/grocers		Other mass marketers			
	Operations	Value (\$1,000)	Operations	Value (\$1,000)	Operations	Value (\$1,000)	Operations	Value (\$1,000)	Operations	Value (\$1,000)		
United States	13,674	1,881,107	2,383	198,888	7,218	2,251,310	2,170	898,179	2,082	2,081,703		
Pennsylvania	989	111,274	104	6,037	368	62,976	87	10,004	55	17,222		
Geographic area	Interiorscapers		Landscape contractors		Wholesale florists		Landscape redistribution yards		Non-profit groups (fundraisers)		Other	
	Operations	Value (\$1,000)	Operations	Value (\$1,000)	Operations	Value (\$1,000)	Operations	Value (\$1,000)	Operations	Value (\$1,000)	Operations	Value (\$1,000)
United States	1,018	93,461	7,884	1,682,170	2,112	531,569	2,603	558,939	2,701	83,239	3,939	1,426,758
Pennsylvania	20	657	350	36,443	73	4,092	102	12,626	182	2,900	221	31,773

Table 5. Value of Sales and Value of Land, Buildings, Machinery, and Equipment by Type of Organization: 2009

Geographic area	Individual				Partnership			
	Operations	Value of sales (\$1,000)	Value of -		Operations	Value of sales (\$1,000)	Value of -	
Land and buildings (\$1,000)			Machinery and equipment (\$1,000)	Land and buildings (\$1,000)			Machinery and equipment (\$1,000)	
United States	11,188	1,760,393	6,175,295	801,305	1,911	1,004,990	1,934,678	383,405
Pennsylvania	852	71,927	268,578	47,471	154	36,948	59,526	13,935
Geographic area	Corporation				Other			
	Operations	Value of sales (\$1,000)	Value of -		Operations	Value of sales (\$1,000)	Value of -	
Land and buildings (\$1,000)			Machinery and equipment (\$1,000)	Land and buildings (\$1,000)			Machinery and equipment (\$1,000)	
United States	7,543	8,340,969	14,267,881	2,202,392	943	580,970	1,147,349	216,958
Pennsylvania	246	172,455	362,956	61,813	36	14,675	33,409	10,103

Table 6. Horticultural Production Expenses, Returns and Allowances, and Number of Hired Workers: 2009

Item	United States	Pennsylvania
HORTICULTURAL PRODUCTION EXPENSES		
All horticultural production expenses.....operations	21,585	1,288
\$1,000	9,474,821	237,221
Seeds, plants, vines, trees, etc. purchased.....operations	18,697	1,184
\$1,000	1,479,230	46,107
Potting soils and growing media purchased.....operations	13,438	866
\$1,000	349,755	8,279
Fertilizer, lime and soil conditioner purchased.....operations	19,426	1,131
\$1,000	306,689	4,560
Chemicals purchased.....operations	18,722	1,122
\$1,000	239,233	5,178
Containers purchased.....operations	15,161	924
\$1,000	490,263	11,682
Plastic.....operations	14,202	893
\$1,000	401,608	9,809
Styrofoam or other foam containers.....operations	1,766	57
\$1,000	6,699	149
Natural based containers (wood, peat, straw, rice hulls, etc.).....operations	2,841	132
\$1,000	19,954	600
Clay pots.....operations	2,130	67
\$1,000	8,393	73
Glazed pottery.....operations	2,118	54
\$1,000	14,873	100
Other containers.....operations	2,886	97
\$1,000	38,736	951
Hired labor expenses, all.....operations	16,639	867
\$1,000	3,609,943	83,044
Worked less than 150 days.....operations	12,150	683
\$1,000	757,393	15,762
Worked 150 days or more.....operations	11,970	512
\$1,000	2,852,550	67,282
Contract labor expense.....operations	4,948	165
\$1,000	244,172	4,598
Gasoline, fuels and oils purchased.....operations	20,908	1,267
\$1,000	460,909	15,776
Utilities purchased.....operations	19,954	1,192
\$1,000	336,233	7,970
Repairs, supplies and maintenance costs.....operations	20,243	1,208
\$1,000	438,775	11,421
Rent and lease expenses for land, buildings, machinery.....operations	8,569	391
\$1,000	338,102	8,465
Interest paid on all debt related to the horticultural operation.....operations	10,439	615
\$1,000	248,012	5,929
Property taxes paid in 2009.....operations	20,541	1,236
\$1,000	138,076	5,729
Marketing expense.....operations	13,232	785
\$1,000	174,128	2,786
All other production expense.....operations	12,474	690
\$1,000	621,302	15,697
RETURNS AND ALLOWANCES		
Total returns and allowances.....operations	2,386	81
\$1,000	181,517	893
GREENHOUSE, NURSERY, AND OTHER HORTICULTURAL LABOR		
Hired workers.....operations	16,639	867
workers	280,201	7,986
Workers by days worked:		
Less than 150 days.....operations	12,155	684
workers	137,349	4,314
150 days or more.....operations	11,973	512
workers	142,852	3,672

Top 5 Horticulture Production Expenses, United States	Total Cost (Billions)	% of Total Expenses
Total Hired Labor Expense	\$3.61	38.1
Seeds, Plants, Vines, Trees, Etc.	\$1.48	15.6
All Other Production Expenses	\$0.62	6.6
Total Containers Expense	\$0.49	5.2
Gasoline, Fuels and Oils Purchased	\$0.46	4.9

Table 7. Annual Bedding/Garden Plants Sold – Total: 2009

Geographic area	All sales		Wholesale sales		Retail sales	
	Operations	Value (\$1,000)	Operations	Value (\$1,000)	Operations	Value (\$1,000)
United States	7,989	2,305,913	3,623	1,781,508	6,158	524,406
Pennsylvania	710	81,254	279	42,647	580	38,608

Top 5 Annual Bedding Plants, United States:

1. Geraniums
2. Impatiens
3. Petunias
4. Pansies/Violas
5. Begonias

Table 8. Cut Cultivated Greens Sold: 2009

Geographic area	All sales			Wholesale sales			Retail sales		
	Operations	Number sold	Value (\$1,000)	Operations	Number sold	Value (\$1,000)	Operations	Number sold	Value (\$1,000)
United States	634	(X)	84,148	431	(X)	81,848	258	(X)	2,300
Pennsylvania	24	(X)	189	17	(X)	139	9	(X)	50

Table 9. Food Crops Grown Under Protection and Sold, Excluding Mushrooms: 2009

Geographic area	Operations	Area under protection (1,000 square feet)	Production (cwt)		Value of sales (\$1,000)		
			Total	From hydroponic systems	All sales	Wholesale sales	Retail sales
FOOD CROPS GROWN UNDER PROTECTION AND SOLD, TOTAL							
United States	1,476	71,247	5,022,909	3,651,944	553,270	413,337	139,933
Pennsylvania	131	2,965	(D)	(D)	14,139	8,662	5,477
CUCUMBERS							
United States	343	6,011	265,320	243,406	(D)	(D)	1,584
Pennsylvania	12	11	(D)	(D)	23	(D)	(D)
HERBS, FRESH							
United States	323	5,929	(D)	(D)	(D)	(D)	(D)
Pennsylvania	28	137	(D)	(D)	(D)	91	(D)
LETTUCE, ALL							
United States	338	2,753	(D)	(D)	53,823	(D)	(D)
Pennsylvania	25	886	(D)	(D)	(D)	(D)	194
PEPPERS, ALL (EXCLUDING ORNAMENTALS)							
United States	265	1,230	18,222	636	2,191	911	1,280
Pennsylvania	13	(D)	(D)	-	14	(D)	(D)
STRAWBERRIES							
United States	76	939	3,906	131	525	(D)	(D)
Pennsylvania	2	(D)	(D)	-	(D)	-	(D)
TOMATOES							
United States	1,148	39,962	3,207,177	2,845,532	320,454	264,196	56,258
Pennsylvania	106	1,799	44,603	3,580	(D)	(D)	(D)
OTHER FOOD CROPS GROWN UNDER PROTECTION							
United States	345	14,423	1,093,602	262,614	101,350	73,617	27,734
Pennsylvania	30	123	12,932	7,590	3,310	3,208	102

Table 10. Cut Christmas Trees Sold and To Be Sold: 2009

Item	Acres in production		All sales			Wholesale sales			Retail sales			Christmas trees on operation January 1, 2010	
	Operations	Number (1,000)	Operations	Number (1,000)	Value (\$1,000)	Operations	Number (1,000)	Value (\$1,000)	Operations	Number (1,000)	Value (\$1,000)	Operations	Number (1,000)
CUT CHRISTMAS TREES SOLD AND TO BE SOLD, TOTAL													
United States	2,734	174	2,699	12,849	249,821	1,268	10,729	177,181	2,049	2,120	72,640	2,671	157,675
Pennsylvania	293	23	283	812	19,365	152	553	11,498	224	259	7,867	293	17,660
BALSAM FIR													
United States	825	15	778	768	16,716	321	500	8,042	664	268	8,674	795	10,871
Pennsylvania	51	1	38	9	242	10	4	72	36	5	170	51	331
COLORADO BLUE SPRUCE													
United States	1,029	9	923	209	5,814	231	93	1,575	820	116	4,238	990	5,834
Pennsylvania	203	4	173	60	1,466	68	22	415	139	38	1,051	200	3,051
DOUGLAS FIR													
United States	1,190	30	1,111	3,087	45,797	449	2,734	34,013	868	353	11,784	1,151	28,284
Pennsylvania	271	9	256	393	8,909	135	288	5,590	204	105	3,318	269	7,471
FRASER FIR													
United States	1,525	61	1,422	4,258	89,085	718	3,714	69,879	1,031	544	19,206	1,485	60,169
Pennsylvania	220	6	205	261	6,819	112	184	4,436	160	77	2,383	218	4,603
GRAND FIR													
United States	416	4	370	344	5,721	186	285	3,861	246	59	1,859	404	4,368
Pennsylvania	23	(Z)	16	1	23	3	(D)	(D)	16	(D)	(D)	23	35
LEYLAND CYPRESS													
United States	190	1	179	84	2,360	19	32	332	168	51	2,028	186	538
Pennsylvania	5	(D)	2	(D)	(D)	-	-	-	2	(D)	(D)	5	6
NOBLE FIR													
United States	418	25	398	2,719	54,239	234	2,479	46,871	230	240	7,368	405	26,281
Pennsylvania	5	(D)	4	(D)	(D)	2	(D)	(D)	4	(D)	(D)	5	12
SCOTCH PINE													
United States	704	10	654	610	9,786	176	488	6,063	563	122	3,723	669	6,955
Pennsylvania	76	(Z)	61	11	182	22	8	99	46	4	83	76	139
WHITE PINE													
United States	900	7	806	223	4,864	241	127	1,834	685	95	3,030	868	4,252
Pennsylvania	125	1	103	23	488	43	14	251	82	9	237	124	709
WHITE SPRUCE													
United States	496	2	435	81	2,084	99	40	675	387	41	1,409	477	1,349
Pennsylvania	54	(Z)	31	2	49	11	1	27	25	1	23	54	83
OTHER CUT CHRISTMAS TREES													
United States	1,112	10	979	468	13,355	262	237	4,035	848	230	9,320	1,077	8,773
Pennsylvania	128	2	117	50	1,164	45	30	589	93	19	575	128	1,220



Table 11. Nursery Stock Sold: 2009

Item	Operations	Total sales (\$1,000)	Total sales as -							
			Bareroot		Balled and burlapped		Containers		Other	
			Operations	Value (\$1,000)	Operations	Value (\$1,000)	Operations	Value (\$1,000)	Operations	Value (\$1,000)
NURSERY STOCK SOLD, TOTAL										
United States	8,441	3,850,363	1,444	395,995	3,832	842,011	6,351	2,525,086	561	87,270
Pennsylvania	408	76,906	67	13,342	264	38,278	202	24,579	13	707
DECIDUOUS SHADE TREES										
United States	4,042	560,057	424	73,451	2,182	239,695	2,412	238,703	159	8,209
Pennsylvania	179	12,402	27	(D)	131	7,507	57	2,779	4	(D)
DECIDUOUS FLOWERING TREES										
United States	3,734	343,651	355	33,087	1,841	127,873	2,415	179,897	135	2,794
Pennsylvania	173	8,301	19	(D)	127	5,585	57	2,313	1	(D)
BROADLEAF EVERGREENS										
United States	4,042	793,290	192	11,395	1,372	109,772	3,250	660,426	111	11,696
Pennsylvania	147	4,628	11	(D)	86	2,576	87	1,825	1	(D)
CONIFEROUS EVERGREENS										
United States	4,581	651,092	288	39,882	2,464	242,343	2,737	354,383	194	14,482
Pennsylvania	278	30,682	32	4,647	215	21,415	80	4,204	7	416
DECIDUOUS SHRUBS										
United States	3,969	647,155	395	61,796	907	48,860	3,372	524,919	105	11,580
Pennsylvania	166	10,381	22	(D)	59	771	119	9,223	1	(D)
FRUIT AND NUT PLANTS										
United States	1,813	382,773	410	154,354	194	13,458	1,484	186,485	72	28,475
Pennsylvania	52	4,943	15	(D)	11	(D)	34	367	-	-
ORNAMENTAL GRASSES										
United States	2,351	124,261	86	2,316	84	1,115	2,214	118,941	62	1,889
Pennsylvania	90	967	5	6	9	171	76	791	-	-
LANDSCAPING PALMS										
United States	1,027	169,395	41	2,040	344	53,454	876	111,427	34	2,475
Pennsylvania	-	-	-	-	-	-	-	-	-	-
BAREROOT HERBACEOUS PERENNIALS										
United States	197	12,850	197	12,850	(X)	(X)	(X)	(X)	(X)	(X)
Pennsylvania	6	249	6	249	(X)	(X)	(X)	(X)	(X)	(X)
OTHER WOODY ORNAMENTALS AND VINES										
United States	1,824	165,839	89	4,823	115	5,441	1,723	149,906	67	5,669
Pennsylvania	63	4,354	12	(D)	7	(D)	48	3,077	1	(D)

Top 5 Nursery Stock Categories, United States:

1. Broadleaf Evergreens
2. Coniferous Evergreens
3. Deciduous Shrubs
4. Deciduous Shade (Shade Trees)
5. Fruit and Nut Plants

Table 12. Selected Nursery Stock, Sales and Inventory: 2009

Item	All sales			Wholesale sales			Retail sales			Inventory on operation January 1, 2010	
	Operations	Number	Value (\$1,000)	Operations	Number	Value (\$1,000)	Operations	Number	Value (\$1,000)	Operations	Number
BROADLEAF EVERGREENS, TOTAL											
United States	4,042	113,813,663	793,290	2,905	109,087,175	740,973	1,838	4,726,488	52,317	3,212	144,423,559
Pennsylvania	147	431,050	4,628	79	(D)	3,356	101	(D)	1,272	133	1,756,065
CONIFEROUS EVERGREENS, TOTAL											
United States	4,581	242,658,831	651,092	3,144	210,575,207	565,936	2,183	32,083,624	85,156	3,666	300,304,433
Pennsylvania	278	4,363,182	30,682	171	(D)	25,377	161	(D)	5,305	246	15,176,103
DECIDUOUS FLOWERING TREES, TOTAL											
United States	3,734	20,761,489	343,651	2,565	19,871,400	305,042	1,772	890,089	38,609	2,982	26,564,090
Pennsylvania	173	175,711	8,301	102	150,214	5,842	116	25,497	2,459	161	434,029
DECIDUOUS SHADE TREES, TOTAL											
United States	4,042	34,471,534	560,057	2,742	33,093,575	486,820	1,950	1,377,959	73,237	3,221	53,901,165
Pennsylvania	179	479,950	12,402	107	450,927	9,352	115	29,023	3,051	169	1,477,952
DECIDUOUS SHRUBS, TOTAL											
United States	3,969	115,728,929	647,155	2,395	111,221,233	593,984	2,189	4,507,696	53,171	2,811	92,288,988
Pennsylvania	166	932,447	10,381	71	846,712	9,081	126	85,735	1,300	142	870,937
FRUIT AND NUT PLANTS, TOTAL											
United States	1,813	94,123,000	382,773	962	81,432,237	301,616	1,068	12,690,763	81,157	1,162	74,426,072
Pennsylvania	52	671,511	4,943	15	(D)	(D)	46	(D)	(D)	36	952,654
OTHER WOODY ORNAMENTALS AND VINES, TOTAL											
United States	1,824	83,335,942	165,839	1,089	80,328,532	156,418	972	3,007,410	9,421	1,164	63,040,775
Pennsylvania	63	13,286,540	4,354	28	13,247,522	4,196	43	39,018	158	43	5,973,078

Table 13. Aquatic Plants Sold: 2009

Geographic area	Total operations	Area used for production				Number sold (1,000 plants)	Value of sales (\$1,000)		
		Under protection		In the open			All sales	Wholesale sales	Retail sales
		Operations	Square feet (1,000)	Operations	Acres				
United States	375	284	1,534	186	554	17,566	26,000	17,597	8,403
Pennsylvania	40	38	94	16	22	470	746	(D)	(D)

Table 14. Sod, Sprigs, and Plugs Sold: 2009

Geographic area	Area used for production		Area harvested		Value of sales (\$1,000)		
	Operations	Acres	Operations	Acres	All sales	Wholesale sales	Retail sales
United States	1,412	368,188	1,403	189,892	876,847	627,844	249,003
Pennsylvania	12	1,320	12	416	4,101	3,408	693



Table 15. Transplants for Commercial Vegetable and Strawberry Production Sold: 2009

Item	Total operations	Area used for production				Value of sales (\$1,000)		
		Under protection		In the open		All sales	Wholesale sales	Retail sales
		Operations	Square feet (1,000)	Operations	Acres			
TRANSPLANTS FOR COMMERCIAL VEGETABLE AND STRAWBERRY PRODUCTION, TOTAL								
United States	502	403	32,286	161	5,616	330,647	293,015	37,632
Pennsylvania	40	39	211	2	(D)	642	607	35
BROCCOLI, CABBAGE, CAULIFLOWER, AND OTHER CRUCIFERS								
United States	238	197	6,679	64	178	48,348	47,677	672
Pennsylvania	16	16	49	1	(D)	(D)	(D)	(D)
GREENS (COLLARD, TURNIP, KALE, ETC.)								
United States	76	52	1,734	28	51	11,578	11,380	198
Pennsylvania	2	2	(D)	-	-	(D)	(D)	-
PEPPERS, ALL (EXCLUDING ORNAMENTALS)								
United States	265	221	6,270	63	191	28,355	(D)	(D)
Pennsylvania	16	15	36	1	(D)	99	(D)	(D)
STRAWBERRIES FOR COMMERCIAL PRODUCTION								
United States	96	53	780	53	3,931	122,198	(D)	(D)
Pennsylvania	3	3	(D)	-	-	140	140	-
TOMATOES								
United States	339	297	11,161	70	169	70,442	63,775	6,667
Pennsylvania	28	27	61	1	(D)	154	129	25
OTHER TRANSPLANTS FOR COMMERCIAL VEGETABLE PRODUCTION								
United States	180	145	5,663	48	1,096	49,725	43,032	6,692
Pennsylvania	14	14	43	-	-	126	123	3



Complete results of the 2009 Census of Horticultural Specialties are available online at www.agcensus.usda.gov