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STATISTICAL OVERVIEW OF **CANADIAN HORTICULTURE 2009-2010**



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Canada 



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Horticulture

Table 1 - Major Horticultural Commodities

Vegetables	Fruit	Floriculture and Nursery
Field	Apples	Cut Flowers
Tomatoes	Grapes (labrusca and vinifera)	Potted Plants
Peppers	Pears	(flowering and non flowering)
Mushrooms	Tender Fruit	Shrubs
Cucumbers	Apricots	Trees
Onions	Peaches	Other Live Plants
Carrots	Nectarines	
Cabbage	Plums and prunes	Honey
Lettuce	Cherries (Sweet and Sour)	
Cauliflower	Pears	Maple
Celery		
	Berries	
Potatoes	Blueberries (Low bush and High bush)	
	Raspberries	
Greenhouse	Strawberries	
Tomatoes	Cranberries	
Cucumbers	Saskatoon Berries	
Peppers		
Lettuce		

Table 2 - Number of Horticultural Farms in Canada

Type of Farm	2001 (Number of Farms ¹)	2006	Percent Change (%)
Nursery and Floriculture ²	8,889	8,754	(2)
Fruits and Nuts	7,743	8,329	8
Vegetables ³	3,340	3,632	9
Potatoes	1,691	1,607	(5)
Mushrooms ⁴	194	154	(21)
Total	21,857	22,476	3

Notes:

¹. Number of farms are based on North American Industrial Classification System (NAICS).

². Including greenhouse vegetables.

³. Excluding potatoes, mushrooms and greenhouse vegetables.

⁴. Statistics Canada presents mushroom data separately.

Source: *Statistics Canada (95-629-XWE, Census of Agriculture, 2006)*





Table 3 - Horticulture's Share of Canadian Agricultural Farm Cash Receipts (2009)

Sector	Value ¹ (\$ Million)	Percent Share (%)
Livestock ²	17,843	43
Grains & Oilseeds ³	14,878	36
Horticulture Crops ⁴	6,190	15
Special Crops ⁵	2,381	6
Total	41,292	94

Note:

¹. Excludes program payments.

². Does not include honey.

³. Includes tobacco, forest products and miscellaneous crops.

⁴. Includes floriculture, nursery, sod, Christmas trees, potatoes, greenhouse vegetables, other vegetables, tree fruits, small fruits, maple products and honey.

⁵. Includes sugar beets and ginseng.

Source: *Statistic Canada (Farm Cash Receipts, 21-011-X, November 2010)*

Figure 1 - Horticulture's Share of Canadian Agricultural Farm Cash Receipts (2009)

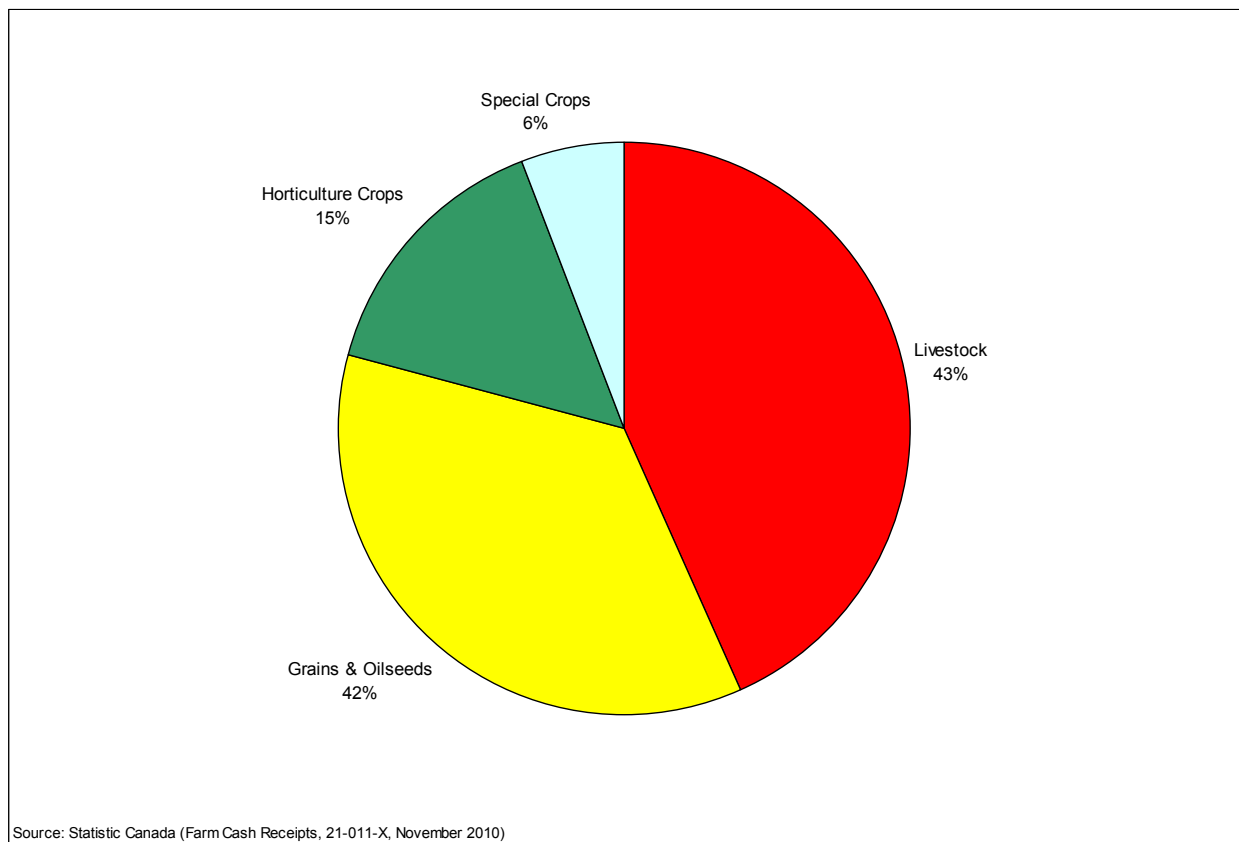




Table 4 - Canadian Horticultural Farm Cash Receipts by Sector

Sector	2005	2006	2007	2008	2009
	Value (\$ Million)¹				
Floriculture & Nursery ²	1,791	1,785	1,804	1,717	1,921
Vegetables ³	1,683	1,801	1,732	1,827	2,012
Potatoes	787	896	866	971	1,128
Fruit ⁴	597	724	726	747	669
Maple	190	185	166	209	352
Honey	104	104	96	98	109
Total	5,152	5,495	5,389	5,570	6,190

Notes:

1. Excludes program payments.

2. Includes floriculture, nursery, sod and Christmas trees.

3. Includes greenhouse vegetables and other vegetables.

4. Includes tree fruits and small fruits.

Source: *Statistic Canada (Farm Cash Receipts, 21-011-X, November 2010)*

Figure 2 - Canadian Horticultural Farm Cash Receipts by Sector (2009)

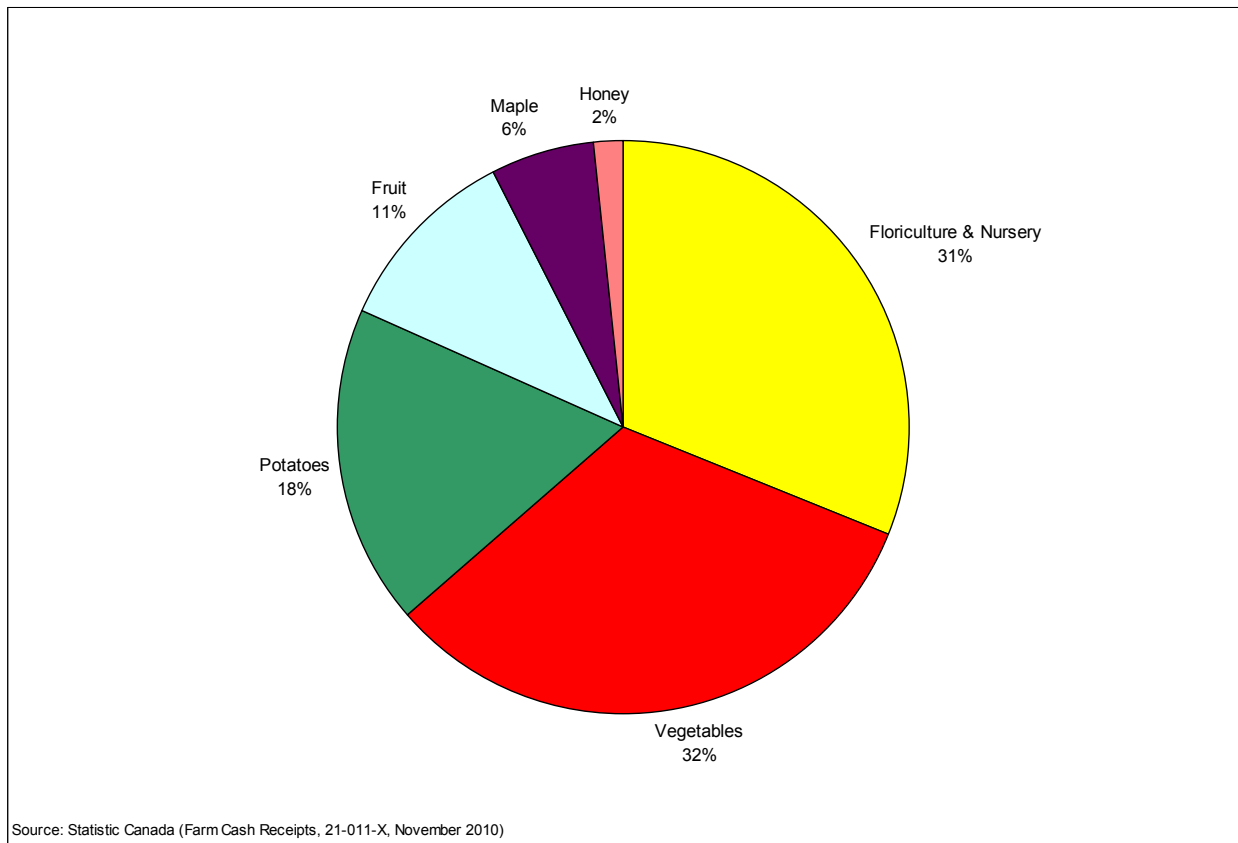




Table 5 - Canadian Horticultural Farm Cash Receipts by Province

Province	2005	2006	2007	2008	2009
	Value (\$ Million)				
Newfoundland	13	16	10	8	8
Prince Edward Island	182	221	220	222	231
Nova Scotia	128	143	114	109	76
New Brunswick	176	174	187	195	188
Quebec	939	1,022	952	1,100	1,241
Ontario	2,030	2,113	2,121	2,125	2,302
Manitoba	241	232	234	254	390
Saskatchewan	48	79	78	84	83
Alberta	406	442	408	403	440
British Columbia	994	1,050	1,045	1,025	838
Canada ¹	5,152	5,495	5,389	5,570	6,190

Note:
 1. Data may not add up as some data was suppressed to meet confidentiality requirements.
 Source: *Statistics Canada (Farm Cash Receipts, 21-011-X, November 2010)*

Figure 3 - Canadian Horticultural Farm Cash Receipts by Province (2009)

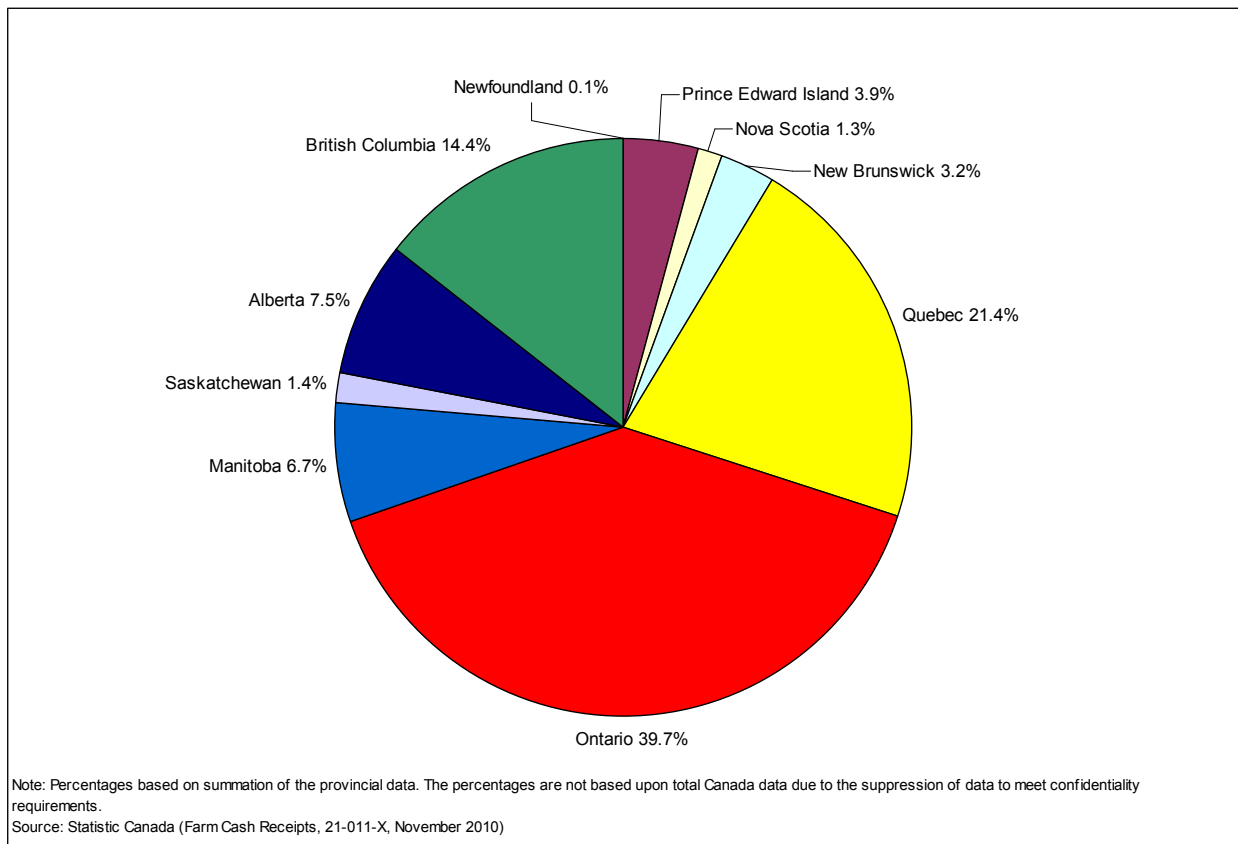




Table 6 - Canadian Horticulture Imports, Exports and Trade Balance

	2006	2007	2008	2009	2010
	Value (\$ Million)				
Total Exports	3,051	3,108	3,252	3,224	3,138
Total Imports	5,415	5,829	6,252	6,581	6,665
Trade Balance (Exports - Imports)	(2,364)	(2,721)	(3,000)	(3,358)	(3,528)

Source: Statistics Canada (CATSNet, March 28, 2011)

Figure 4 - Canadian Horticulture Imports and Exports

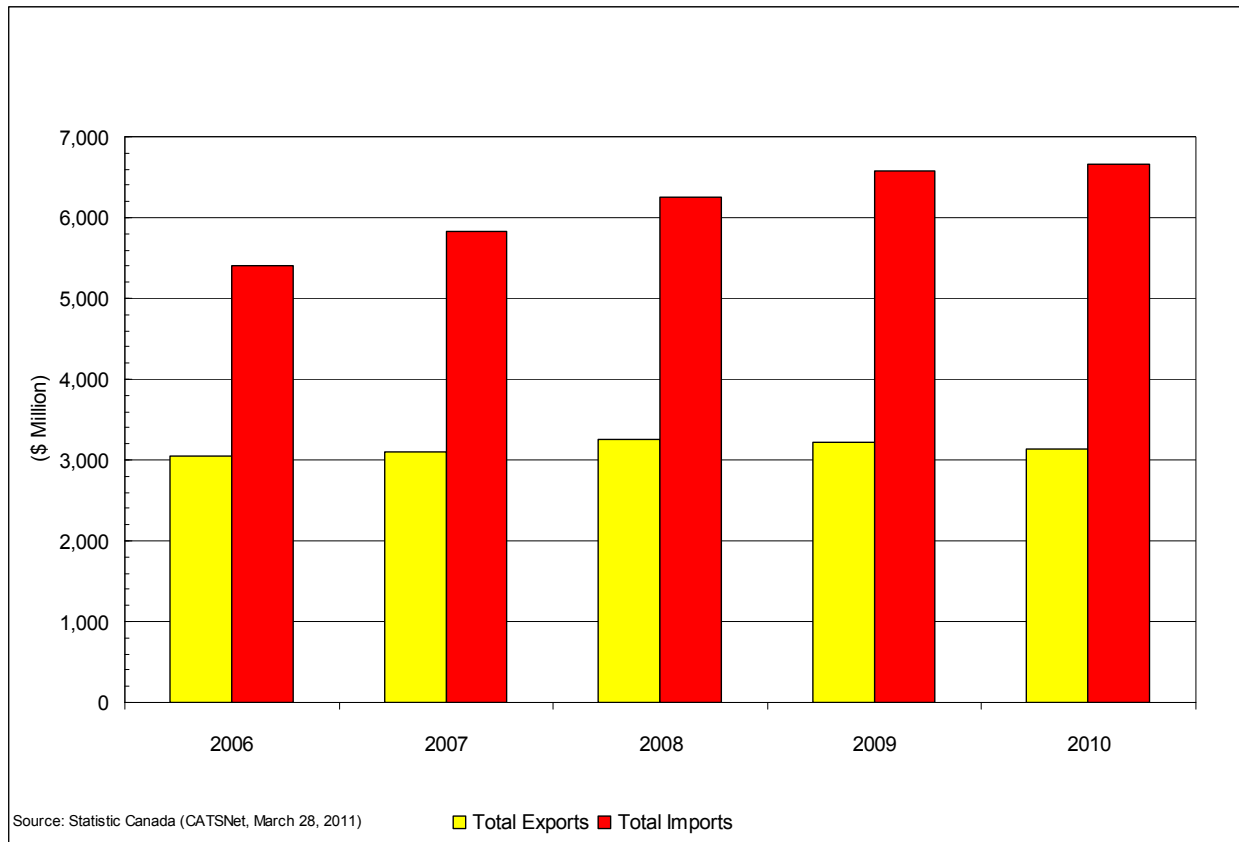




Table 7 - Canada's Top Export Destinations for Horticulture (2010)

Rank	Country	Value (\$ Million)	% of Total Exports
1	United States	2,676.1	85.3
2	Japan	96.2	3.1
3	Germany	42.7	1.4
4	Mexico	39.1	1.2
5	United Kingdom	20.8	0.7
6	Australia	20.4	0.7
7	Venezuela	18.5	0.6
8	Netherlands	17.8	0.6
9	France	16.8	0.5
10	China	16.1	0.5

Source: *Statistics Canada (CATSNet, April 28, 2011)*

Table 8 - Canada's Top Export Destinations for Vegetables (2010)

Rank	Country	Value (\$ Million)	% of Total Exports
1	United States	1,037.5	98.2
2	Japan	6.3	0.6
3	China	3.0	0.3
4	France	1.5	0.1
5	Turkey	0.9	0.1
6	Costa Rica	0.7	0.1
7	Venezuela	0.6	0.1
8	Cuba	0.5	0.0
9	Hong Kong	0.5	0.0
10	Saint Pierre and Miquelon	0.5	0.0

Source: *Statistics Canada (CATSNet, April 28, 2011)*





Table 11 - Canada's Top Export Destinations for Floriculture and Nursery Products (2010)

Rank	Country	Value (\$ Million)	% of Total Exports
1	United States	297.7	98.5
2	Netherlands	1.6	0.5
3	Panama	1.2	0.4
4	Venezuela	0.4	0.1
5	Netherlands Antilles	0.3	0.1
6	Bermuda	0.2	0.1
7	Aruba	0.2	0.1
8	Germany	0.1	0.0
9	Bahamas	0.1	0.0
10	China	0.1	0.0

Source: *Statistics Canada (CATSNet, April 28, 2011)*

Table 12 - Canada's Top Export Destinations for Honey (2010)

Rank	Country	Value (\$ Million)	% of Total Exports
1	United States	41.1	72.2
2	Japan	9.8	17.3
3	Germany	2.7	4.7
4	China	0.9	1.6
5	Switzerland	0.5	0.8
6	United Kingdom	0.4	0.7
7	France	0.3	0.5
8	Australia	0.2	0.4
9	Hong Kong	0.2	0.4
10	Austria	0.2	0.3

Source: *Statistics Canada (CATSNet, April 28, 2011)*





Table 14 - Top 10 countries (2010) showing Import Growth by Volume for Horticulture

Country	2006	2007	2008	2009	2010
Volume (000 tonnes)					
1 United States	13,823	15,083	15,057	14,920	16,325
2 Germany	10,141	10,495	11,708	11,500	11,555
3 Russia	6,889	7,471	8,381	7,828	8,964
4 China	6,454	6,117	3,836	8,599	8,669
5 France	6,623	6,920	7,038	6,678	6,852
6 Netherlands	6,531	7,526	7,689	6,577	6,833
7 Belgium	5,594	6,153	6,353	5,965	5,808
8 Canada	4,180	4,286	4,293	4,342	4,566
9 Italy	3,471	3,558	3,664	3,956	3,921
10 Spain	3,035	3,689	3,673	3,228	3,233
Value (\$ Million)					
1 United States	13,276	14,645	15,382	15,440	17,707
2 Germany	13,188	15,675	19,274	17,252	18,131
3 Russia	4,346	5,823	7,079	6,659	8,284
4 China	1,535	1,748	1,820	2,792	3,634
5 France	8,010	9,401	10,550	9,335	9,640
6 Netherlands	7,488	9,025	10,459	9,257	9,619
7 Belgium	5,044	5,992	6,905	6,057	5,888
8 Canada	4,734	5,381	5,842	5,725	6,431
9 Italy	4,470	4,905	5,341	5,282	5,339
10 Spain	2,921	3,831	3,951	3,292	3,393

Source: *Global Trade Atlas (USD\$)*





Table 18 - Top 10 countries (2010) showing Import Growth by Volume for Floriculture and Nursery Products

Country	2006	2007	2008	2009	2010
Volume (000 tonnes)					
1 Germany	620	630	936	904	1,102
2 Netherlands	315	352	375	322	358
3 Switzerland	137	143	145	143	158
4 Italy	104	104	101	100	126
5 Poland	93	105	107	89	105
6 Austria	80	96	83	83	87
7 Japan	65	66	66	69	77
8 Denmark	50	60	61	52	51
9 Romania	31	31	45	46	50
10 Mexico	40	40	43	40	40
Value (\$ Million)					
1 Germany	2,168	2,586	3,648	3,391	3,648
2 Netherlands	1,591	1,810	2,133	1,902	1,891
3 Switzerland	473	523	570	528	554
4 Italy	658	698	718	661	701
5 Poland	195	259	366	295	310
6 Austria	329	440	449	430	441
7 Japan	480	510	536	542	633
8 Denmark	283	333	383	312	294
9 Romania	46	72	122	107	111
10 Mexico	77	84	93	72	77

Source: *Global Trade Atlas (USD\$)*





Greenhouse

Table 38 - Greenhouse

	2005	2006	2007	2008	2009
Major Greenhouse Farm Gate Value ¹					
	Value (\$ Million)				
Tomatoes	385	383	356	384	434
Cucumbers	137	191	179	212	227
Peppers	166	196	201	236	230
Lettuce	20	25	23	20	22
Total	708	795	759	852	913
Greenhouse Farm Cash Receipts ²					
	Value (\$ Million)				
Total	791	804	778	870	1,008
Major Greenhouse Crop Production					
	Volume (000 tonnes)				
Tomatoes	210	204	204	217	230
Peppers	51	61	71	83	89
	Volume (000 dozens)				
Cucumbers	23,158	30,393	27,041	30,102	31,058
	Volume (000 heads)				
Lettuce	23,543	25,235	23,989	N/A	20,052
Major Greenhouse Exports to all Countries					
	Volume (000 tonnes)				
Tomatoes	44	47	47	50	47
Cucumbers	41	48	51	47	51
Peppers	142	135	112	116	124
Total	226	230	210	213	222
Note:					
N/A - Data unavailable					
1. Farm Gate Value represents production values expressed as remuneration obtained at the "Farm Gate" and are concerned with gross returns to growers.					
2. Farm Cash Receipts represent the cash income received from the sale of agricultural commodities as well as direct program payments made to support the agricultural sector.					
Source: <i>Statistics Canada (21-011-X, November 2010; 22-202-XIB, 2006, 2007; 22-202-X, 2008, 2009; CATSNet, March 28, 2011)</i>					





Figure 14 - Canadian Greenhouse Farm Cash Receipts (2009)

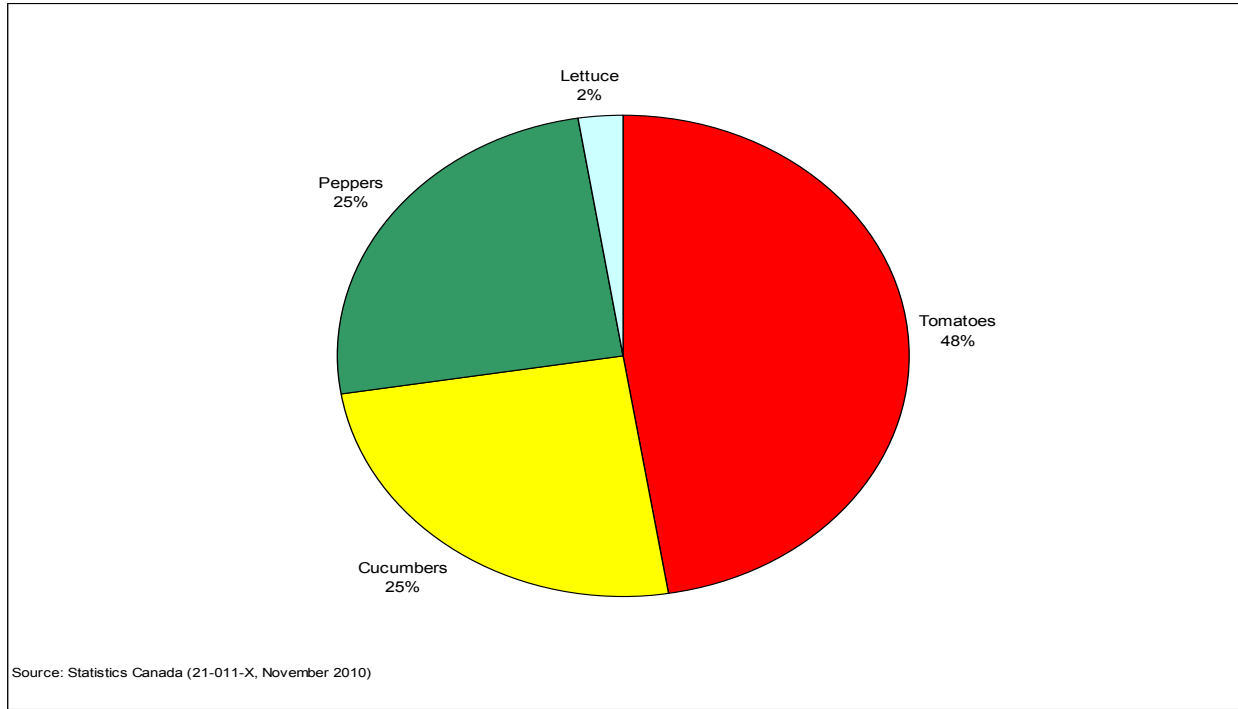
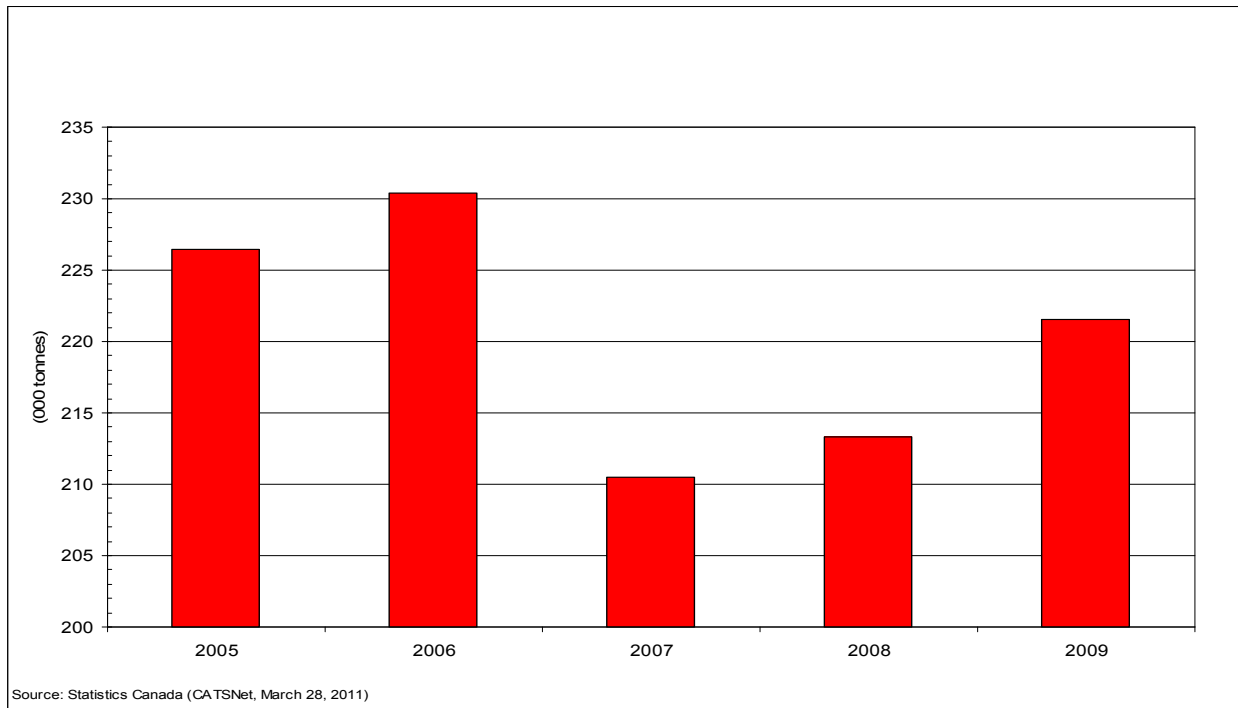


Figure 15 - Exports of Greenhouse Cucumbers, Peppers and Tomatoes





Ornamental Sector

Table 57 - Floriculture and Nursery Farm Cash Receipts by Province and Sector

Province	2005	2006	2007	2008	2009
	Value (\$ Million)				
Quebec	252	232	253	277	275
Ontario	894	852	844	776	916
British Columbia	359	408	422	376	154
Other Provinces	259	251	230	226	168
Canada ¹	1,791	1,785	1,804	1,717	1,921

Note:
 1. Data may not add up as some data was suppressed to meet confidentiality requirements.
 Source: *Statistic Canada (Farm Cash Receipts, 21-011-X, November 2010)*

Table 58 - Ornamental Farm Cash Receipts by Sector

Sector	2005	2006	2007	2008	2009
	Value (\$ Million)				
Floriculture	1,205	1,186	1,189	1,058	1,231
Nursery	407	406	430	464	490
Sod	113	127	126	130	142
Christmas Trees	66	66	59	65	59
Total	1,791	1,785	1,804	1,717	1,921

Source: *Statistic Canada (Farm Cash Receipts, 21-011-X, November 2010)*





Figure 29 - Floriculture and Nursery Farm Cash Receipts by Province (2009)

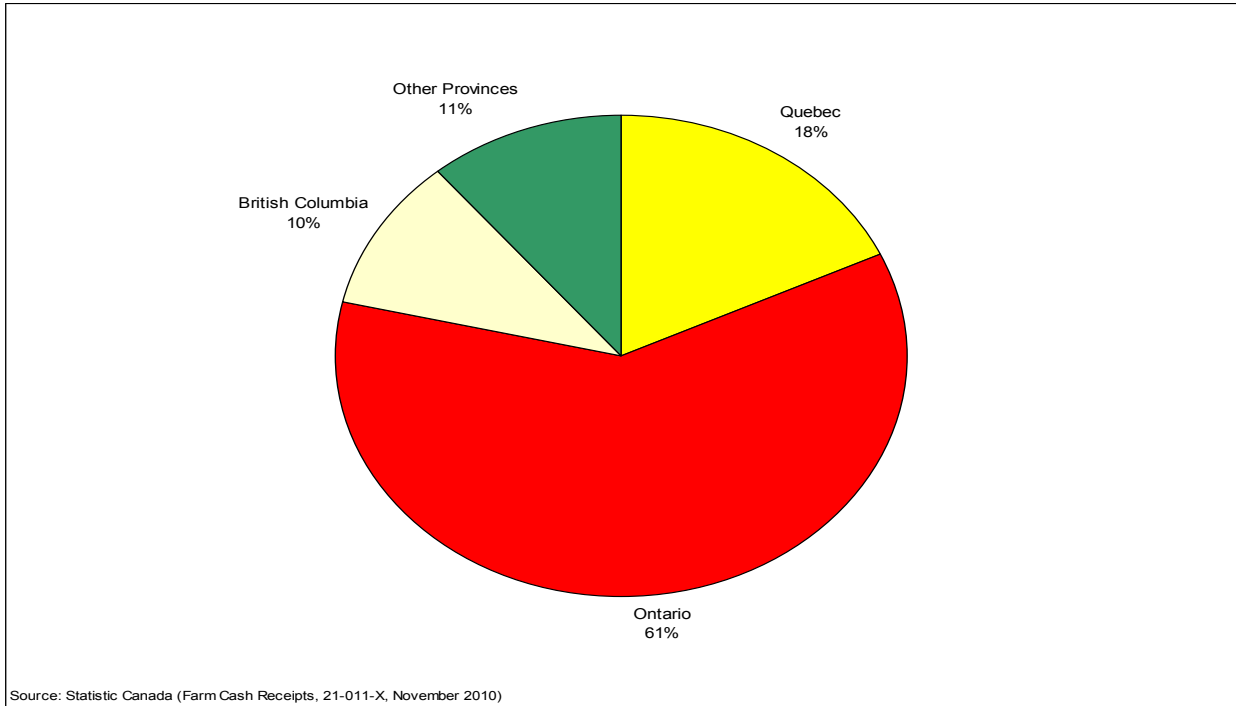


Figure 30 - Ornamental Farm Cash Receipts by Sector (2009)

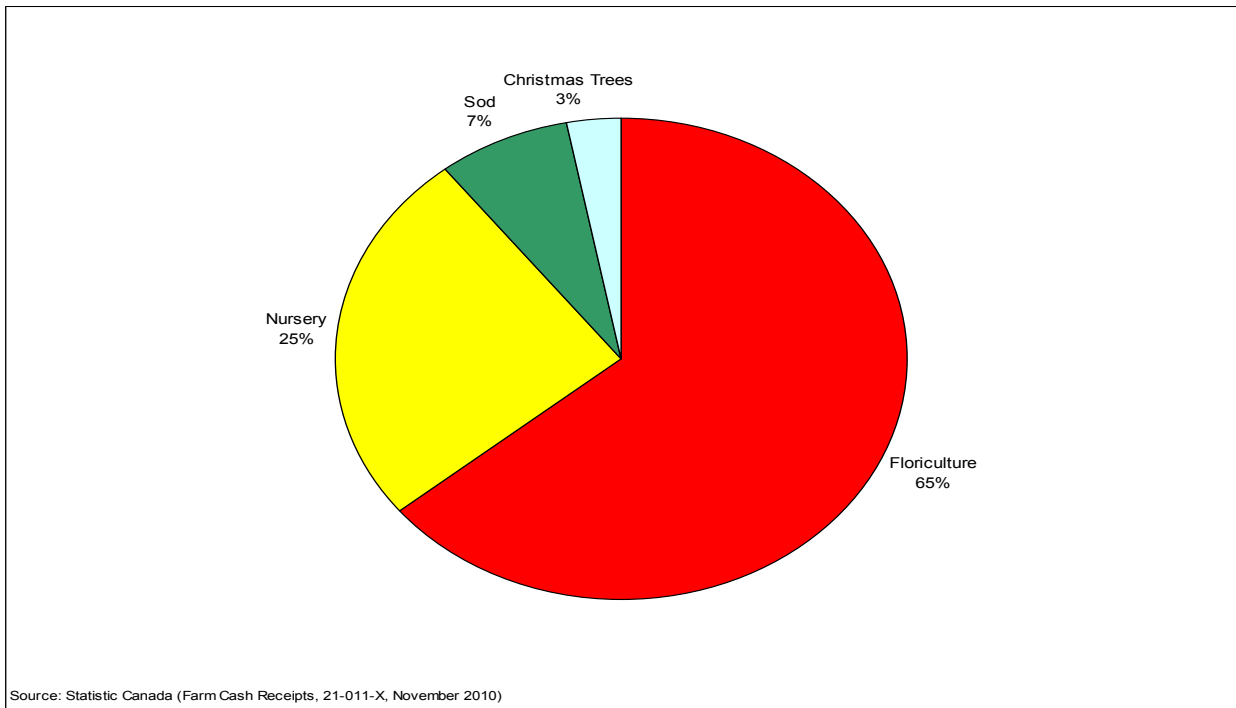




Table 59 - Nursery Stock Sales

Province	2005	2006	2007	2008	2009
Value (\$ Million)					
Quebec	68	70	79	77	78
Ontario	283	277	274	284	308
British Columbia	176	174	193	192	197
Other Provinces	65	76	85	82	76
Canada	591	598	630	635	658

Source: *Statistics Canada (22-022-XIB, 2006, 2007; 22-202-X, 2008, 2009)*

Table 60 - Ornamental Flower and Plant Sales

Province	2005	2006	2007	2008	2009
Value (\$ Million)					
Quebec	166	165	174	186	185
Ontario	777	769	775	614	742
British Columbia	264	318	328	278	272
Other Provinces	218	207	200	183	225
Canada	1,424	1,458	1,477	1,262	1,424

Source: *Statistics Canada (22-022-XIB, 2006, 2007; 22-202-X, 2008, 2009)*

Table 61 - Sod Sales

Province	2005	2006	2007	2008	2009
Value (\$ Million)					
Quebec	23	27	27	32	29
Ontario	48	52	54	47	46
British Columbia	7	10	8	8	9
Other Provinces	27	38	39	43	58
Canada	105	127	128	130	142

Source: *Statistics Canada (22-022-XIB, 2006, 2007; 22-202-X, 2008, 2009)*





Table 62 - Canadian Floriculture and Nursery Imports, Exports, and Balance of Trade

Commodity	2006	2007	2008	2009	2010
	Value (\$ Million)				
Bulbs, tubers, tuberous roots, etc					
Exports	20	18	13	13	15
Imports	53	56	52	50	52
Balance of Trade	(33)	(38)	(39)	(36)	(37)
Other live plants, including their roots, cuttings and slips, etc.					
Exports	254	247	207	210	203
Imports	165	172	173	184	171
Balance of Trade	89	75	34	26	32
Cuts flowers and flower buds for bouquets or ornamental purposes, etc.					
Exports	17	18	22	25	37
Imports	118	123	127	128	123
Balance of Trade	(101)	(105)	(105)	(102)	(86)
Foliage, branches and other parts of plants, etc. ¹					
Exports	715	713	675	674	658
Imports	21	25	27	24	20
Balance of Trade	694	688	648	650	638
Total					
Exports	1,005	996	918	922	913
Imports	357	375	380	385	366
Balance of Trade	648	621	539	537	548
Note:					
1. Christmas trees included.					
Source: <i>Statistics Canada (CATSNet, March 28, 2011)</i>					





Figure 31 - Canadian Floriculture and Nursery Imports and Exports

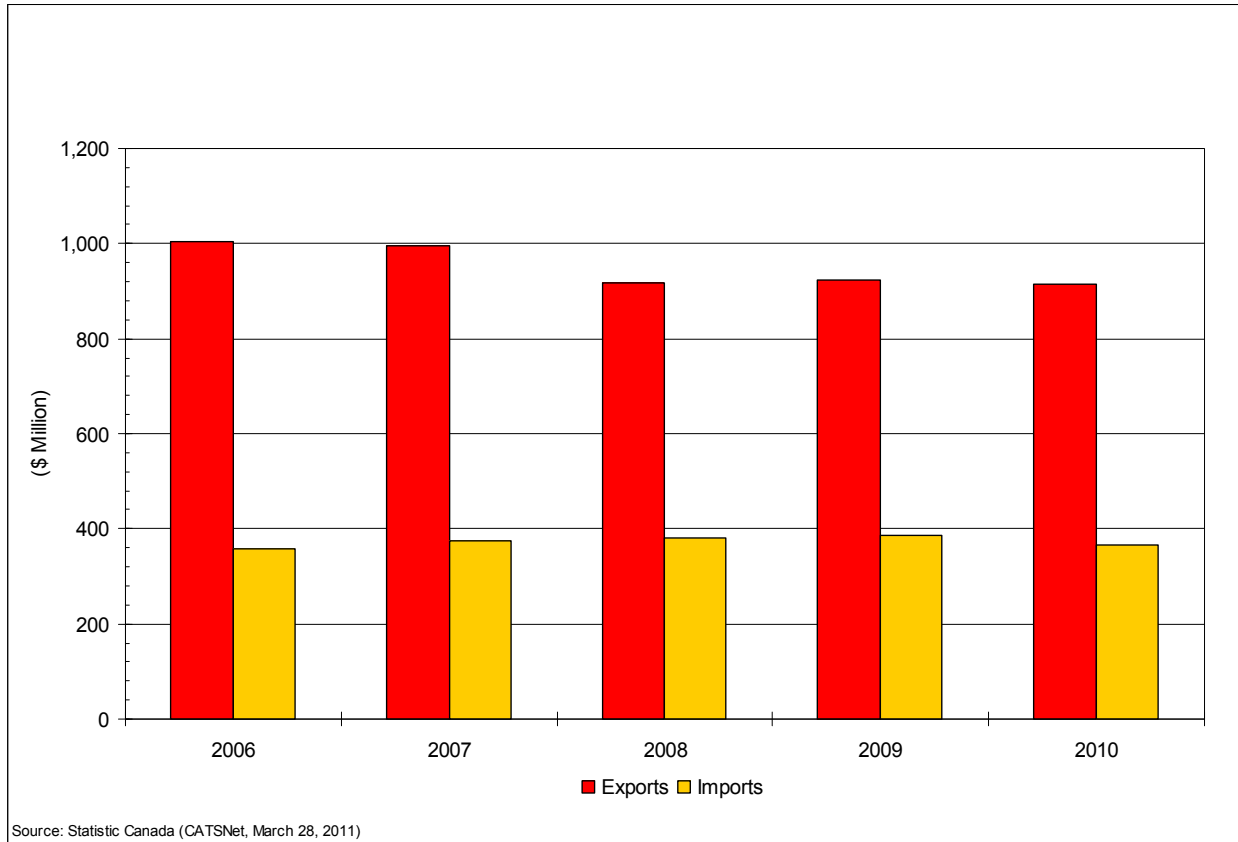




Table 63 - Christmas Tree Production

Province	2001 (Number of Farms)	2006	Percent Change (%)
Newfoundland	24	25	4
Prince Edward Island	17	23	26
Nova Scotia	535	437	(22)
New Brunswick	252	190	(33)
Quebec	395	353	(12)
Ontario	918	725	(27)
Manitoba	112	76	(47)
Saskatchewan	44	32	(38)
Alberta	110	119	8
British Columbia	526	481	(9)
Canada	2,933	2,461	(19)

Source: *Statistics Canada (95-629-XWE, Census of Agriculture, 2006)*

Table 64 - Christmas Tree Exports by Province

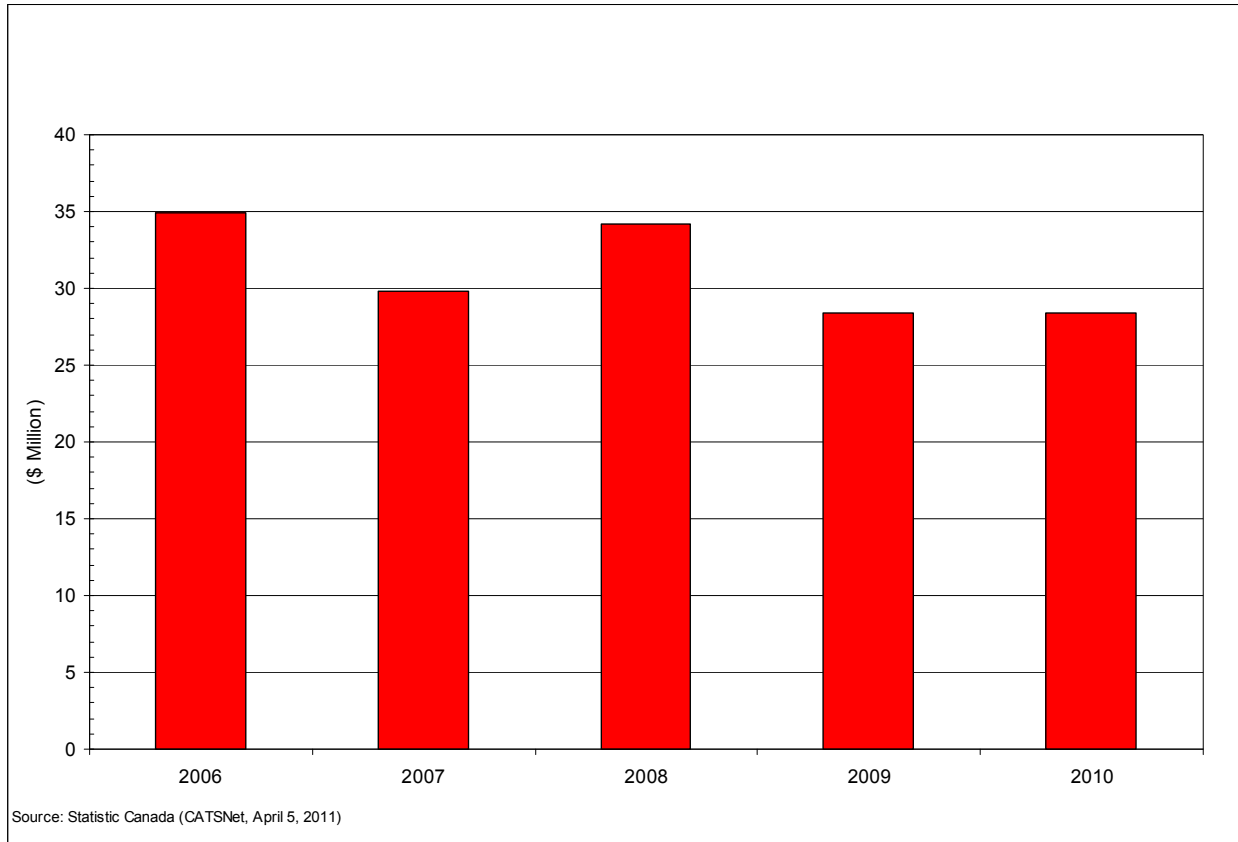
Province	2006	2007	2008	2009	2010
	Value (\$ Million)				
Nova Scotia	11	9	9	7	7
New Brunswick	5	5	6	6	6
Quebec	19	16	19	15	15
Other Provinces	1	1	1	0	1
Canada	35	30	34	28	28
	Volume (000 Trees)				
Nova Scotia	789	784	540	504	539
New Brunswick	284	362	307	370	333
Quebec	1,099	944	860	779	808
Other Provinces	82	87	71	49	84
Canada	2,254	2,177	1,778	1,702	1,764

Source: *Statistics Canada (CATSNet, April 5, 2011)*





Figure 32 - Christmas Tree Exports Value





Key Resources

Statistics Canada. Publication 21-011-X “Farm Cash Receipts – Agriculture Economic Statistics” (November 2010).

Statistics Canada. Publication 22-003-XIB or 22-003-X “Fruit and Vegetable Production” (June 2007, June 2008, February 2009, June 2009, February 2010, June 2010, February 2011).

Statistics Canada. Publication 22-008-X “Canadian Potato Production” (January 2009, January 2010, January 2011).

Statistics Canada. Publication 22-202-XIB or 22-202-X “Greenhouse, Sod and Nursery Industries” (2006, 2007, 2008, 2009).

Statistics Canada. Publication 23-221-X “Production and Value of Honey and Maple Products” (2007, 2008, 2009, 2010).

Statistics Canada. Publication 95-629-XWE “Census of Agriculture” (2006).

Statistics Canada CATS database. Canadian Export Data (2011).

Statistics Canada. Agriculture and Agri-Food Canada Fall Survey (2007, 2008, 2009, 2010).

Statistics Canada. Food Available for Consumption Data Series.

Association des Producteurs de Canneberges due Quebec.
<http://www.notrecanneberge.com/Industrie/Infos/statistiques.html> (2011)

FAOstat. <http://faostat.fao.org> (2011).

Global Trade Atlas. <http://www.gtis.com/gta/> (2011).





Methodology

All data is based on the most current data available at the time of the drafting of this report (unless otherwise indicated). All dollar amounts in the tables are expressed in Canadian dollars, unless otherwise indicated.

Ginseng and Herbs and Spices

Ginseng and Herbs and Spices are considered to be horticultural products. Statistics for these commodities were not available for the release of this brochure. A brochure for only these commodities will be available after the release of this brochure. Future releases of the Statistical Overview of Canadian Horticulture will contain data for these commodities.

Farm Cash Receipts and Production Values

Farm Cash Receipts and production values reported in the tables are obtained from Statistics Canada but are compiled from different sources. Production values are expressed as remuneration obtained at the "Farm Gate" and are concerned with gross returns to growers, while Farm Cash Receipts represent the cash income received from the sale of agricultural commodities as well as direct program payments made to support the agricultural sector. Farm Cash Receipts are estimated using both administrative and survey sources of data.

Trade Data

Import and export data is based on the following Harmonized System Codes (H.S. Codes):

Vegetables: Includes fresh, frozen, dried and provisionally preserved vegetables. Greenhouse vegetables included unless otherwise indicated. These vegetables fall under the following H.S. Code headings for imports and exports: 0702, 0703, 0704, 0705, 0706, 0707, 0708, 0709, 071021 to 071090, 0711, 07122000 to 07129020, 0712909090 and 0714.

Processed Vegetables and Vegetable-based Beverages: Includes vegetables that are canned, and are pulp, pastes, purée, sauces and juices. These processed vegetables fall under the following H.S. Code headings for imports: 200110, 20019010, 2001909020 to 2001909099, 2002, 2003, 200490, 200510, 200540 to 200599, 200950, 20098020, 20099040 and 210320. For exports, processed vegetables fall under the following H.S. Code headings: 2001, 2002, 2003, 200490, 200510, 200540 to 200599, 200950, 20098031, 20098039 and 210320.

Potatoes and Potato Products: Includes fresh and frozen potatoes, potato flour, flakes, starch and prepared potatoes. Imports and exports fall under the H.S. Code headings 0701, 071010, 0712909010, 1105, 110813, 200410 and 200520. H.S Code 0712909010 is also included.

Greenhouse: Export H.S. Codes include 07020010, 07070010 and 07096010.

Fruit: All imports and exports H.S. Codes fall under Chapter 08 of the Customs Tariff.

Processed Fruit and Fruit-based Beverages: Processed: Includes fruit that are canned, and are pulp, pastes, purée, sauces, juices and alcohol. These processed fruit fall under the following H.S. Code headings for imports: 2001.90.90.10, 20060010, 20060020, 2007, 2008, 2009.11 to 2009.49, 2009.61 to 2009.80.19, 2009.90.10 to 2009.90.30, 2204, 2205, 2206.00.11 to 2206.00.49, 2208.20, 2208.90.41, 2208.90.49 and 2208.90.92. For exports, processed fruit fall under the following H.S. Code headings:





2006, 2007, 2008, 2009.11 to 2009.49, 2009.61 to 2009.79, 2009.80.40, 2009.90.00, 2204, 2205, 2206 and 2208.20.

Ornamentals: All imports and exports H.S. Codes fall under Chapter 06 of the Customs Tariff.

Honey: All imports and exports H.S. Codes fall under heading 0409.

Maple: All imports and exports H.S. Codes fall under heading 170220.

Horticulture: Combination of the H.S. Codes from the above sectors with the exception of Vegetables – Processed and Fruit - Processed.

For the tables concerning the top 10 countries showing import growth volume by sector (Table 14 to Table 20), the import data presented only shows countries where there was positive growth (greater than zero percent) between 2006 and 2010. The data is sorted on 2010 volume.

Sources

Certain tables indicate publications with multiple time periods (for example: Statistics Canada (23-221-X, 2007, 2008, 2009, 2010). In these instances, the most recent publication does not provide data for all the time periods listed in the table. Therefore, the data for a missing time period is provided by most up-to-date publication that includes that missing time period.

Further Information

Further details concerning the sectors or commodities listed in this document can be found at: www.agr.gc.ca/horticulture_e

