

Canadian Organic Growers



Certified Organic Production in Canada 2004

Prepared for Canadian Organic Growers

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1. INTRODUCTION AND METHODOLOGY

Canadian Organic Growers has tracked the growth in the number of certified organic farms since 1992. For 2003 a more detailed study was undertaken for the federal government by Anne Macey which attempted to cover all aspects of the organic market including exports and retail sales. The 2004 survey was limited to the number of certified operators, acreage and value of production.

All organic certification bodies (CBs) known to be operating in Canada were contacted (see Appendix A) and information requested on numbers and types of certified operations, acreage and production values for each province where they are active. See the questionnaire Appendix B. The CBs were offered financial assistance to help with extracting the data from their files, but the exercise remains problematic for some. In the case of QAI and CCOF the information was obtained from their public access databases with search capabilities.

COG received assistance from the CAAQ in Quebec, COABC in British Columbia and ACORN in Atlantic Canada. In cases where acreage data was not provided by the certifier, attempts were made to gather this information directly from certified producers but data collected by this method is incomplete. There is also ongoing collaboration with Rosalie Cunningham of Alberta Agriculture and Jeff Nimmo of the British Columbia Ministry of Agriculture and Lands who are gathering information on organic production in these provinces, and with Statistics Canada as they prepare for the 2006 Census of Agriculture which will include questions on organic production.

Several CBs do not collect sales data and do not provide a list of operators with contact information; therefore the value of production has been estimated in a number of different ways. These include:

- total production value provided by the CB.
- estimates based on number of members of a CB in each membership category where fees paid correspond to gross sales categories.
- value of production estimated from crop acreage planted, average yields and price paid for crops in 2004.
- value of production for livestock products estimated from livestock numbers and product quantities.

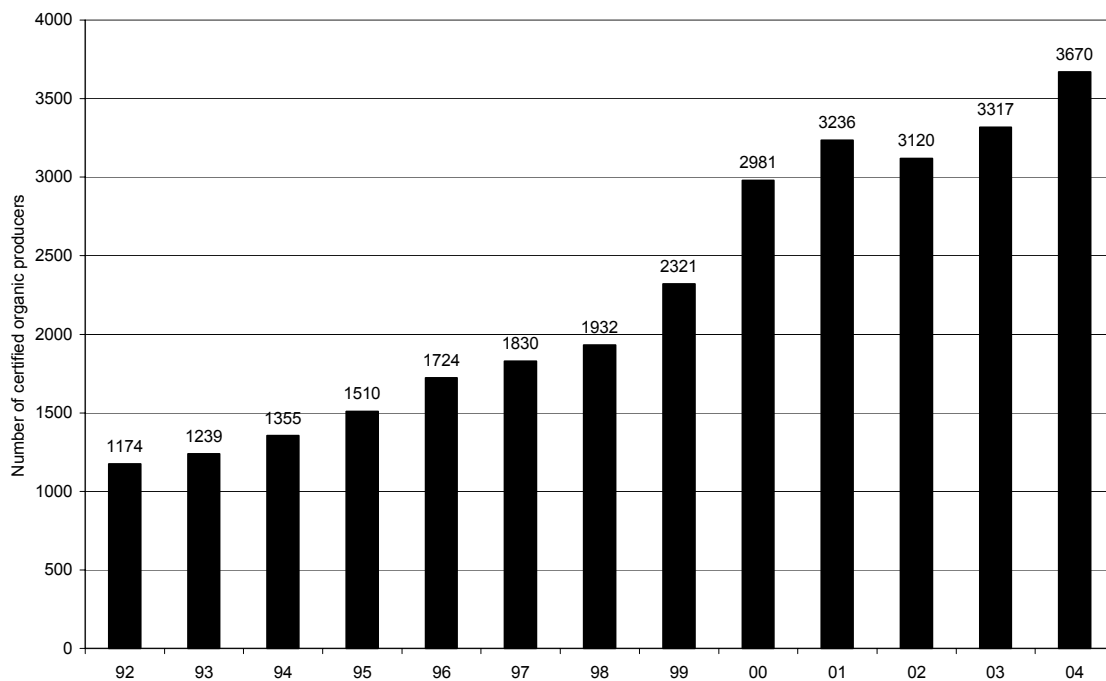
Canadian Organic Growers would like to thank all certifiers and individuals who provided information for this report. The work of collecting statistics is ongoing. We hope any persons aware of relevant information or research will forward it to COG in order to help us provide increasingly accurate information about organic production in Canada from year to year.

2. PRODUCTION

2.1 Number of Certified Organic Farms

Numbers of certified enterprises in Canada continue to increase. In 2004 there were 3670 certified organic farms, an increase of 10.6 % from the 3317 reported for 2003. This represents 1.5% of the total number of farms in Canada (246,923 as reported in the Statistics Canada 2001 Census of Agriculture). If it is assumed that overall farm numbers are decreasing by five percent a year a value of 1.7% is a more likely figure.

Figure 1. Number of certified producers in Canada 1992-2004



Rates of growth vary considerably between provinces. Saskatchewan and Quebec have the highest number of organic farms and the highest growth rates.

Table 1. Certified Organic Producers in Canada in 2004

Province	Number of producers	Percentage of total farms in province	Percentage increase since 2003	Number in transition*
British Columbia	442	2.2	5.2	78
Alberta	254	0.4	3.6	12
Saskatchewan	1245	2.5	18.7	64
Manitoba	223	1.2	5	26
Ontario	489	0.8	0.4	34
Quebec	900	2.8	13.5	35
New Brunswick	36	1.2	0	2
Nova Scotia	50	1.3	11	2
Prince Edward Island	26	1.4	13	3
Newfoundland	3	0.4	0	1
Yukon	2			1
Total	3670	1.5		258

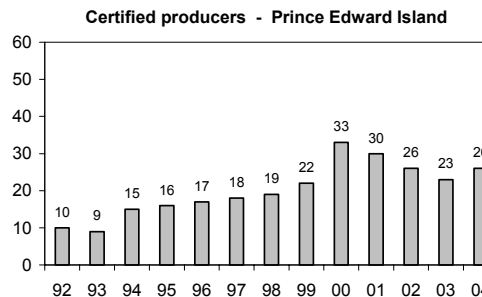
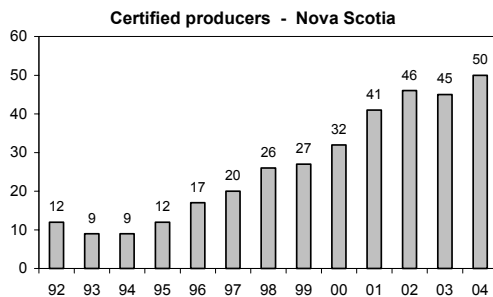
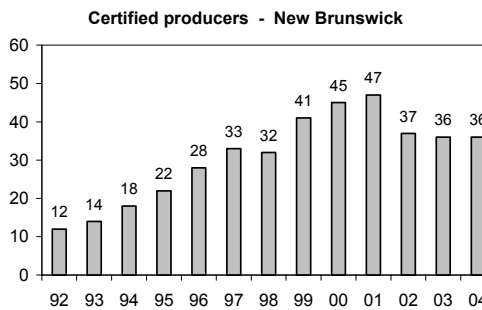
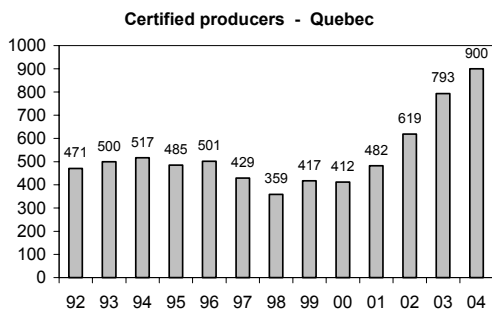
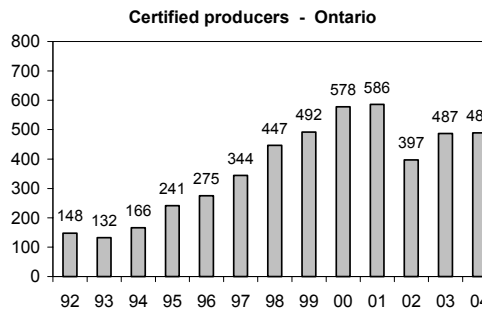
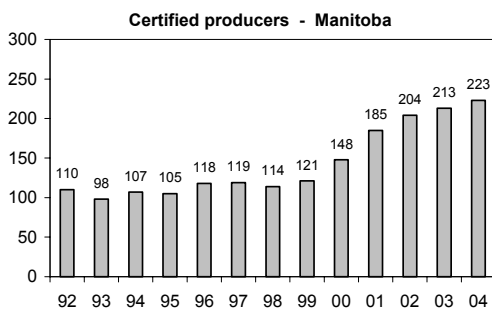
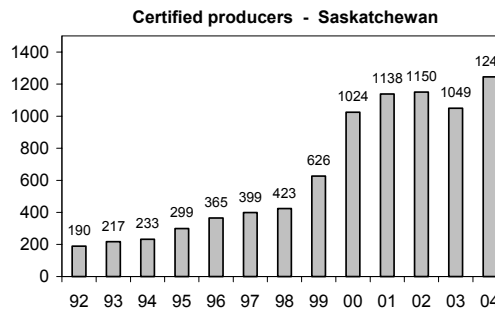
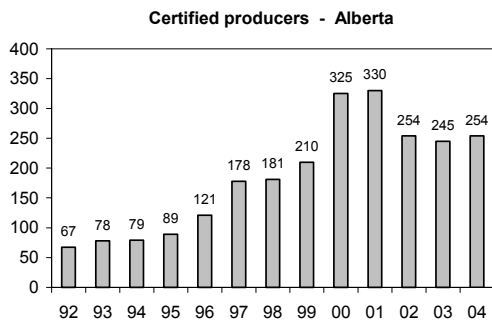
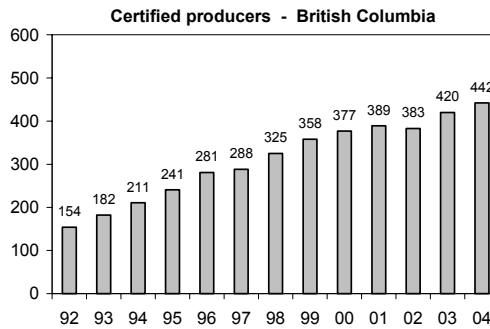
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Numbers of certified operations in Atlantic Canada remain small although they are no different from the national average in terms of the percentage of total farms in each province. In Quebec crop and livestock farms increased 13% to 476 in 2004 from 421 in 2003 and maple syrup producer numbers increased by 14% to 424 from 372 (data supplied by CAAQ).

There has been little change in Ontario, and only modest increases in Manitoba, Alberta and British Columbia whereas Saskatchewan continues to show dramatic growth. These numbers include producers working lakes for wild rice – 136 in Saskatchewan, 33 in Manitoba.

In British Columbia the increases have occurred in CBs with ISO accreditation while the regional certified CBs have shown a slight decline in numbers of certified operators. It is not possible to determine whether producers have transferred their certification to another agency or whether smaller operators have dropped out of the certification process. There are more transitional farmers in BC than in any other province.

Figure 2:
Number of certified producers
Provincial totals 1992-2004
 Source: Data collected by Canadian Organic Growers



2.2. Type of Farm Operation

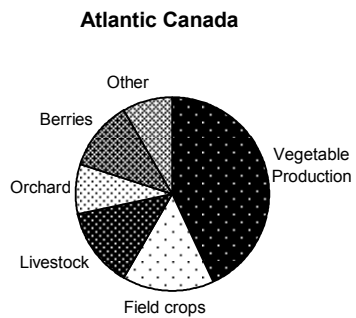
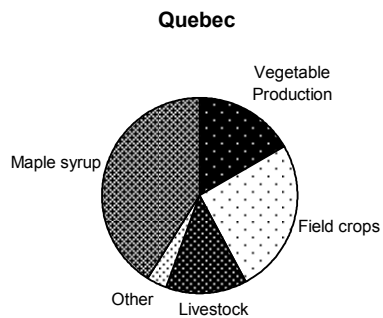
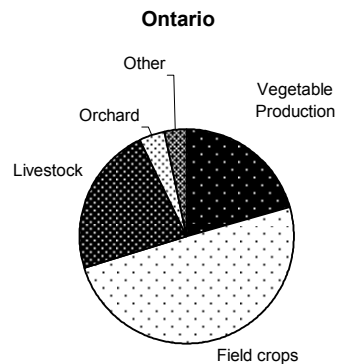
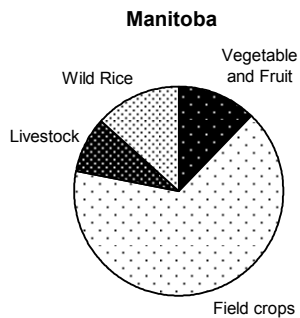
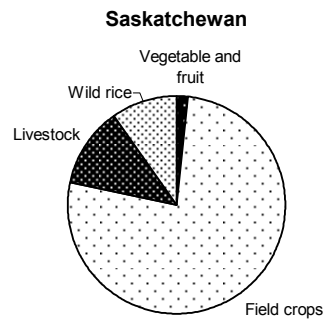
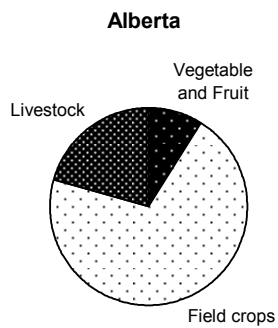
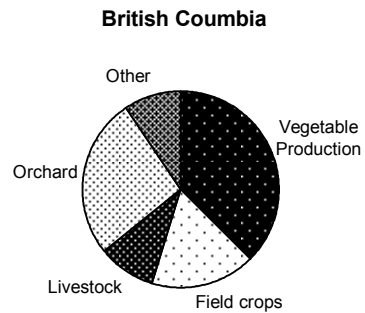
Organic farm operations reflect the bioregional diversity across the country and are similar to what one would expect in conventional agriculture with a focus on grain growing on the Prairies, dairy production in Ontario and Quebec, tree fruits in BC and so on. Many of the farms with livestock also have some crop production. In Table 2 the field crops category includes cash crops, grain grown for feeding livestock on the farm and hay. The vegetable production category includes market garden type operations with mixed vegetable, herb and fruit production as well as larger scale operations focusing on a few main crops. In Atlantic Canada and Quebec berry production includes cranberries and wild harvested blueberries.

Table 2. Type of organic farm enterprise

Type of Enterprise	Total	BC	AB	SK	MB	ON	QC	NB	NS	PEI	NF	YK
Vegetable Production	632	189	21	19	30	136	173	22	24	14	2	2
Field crops - grains, oilseeds, etc	2140	86	198	1079	162	328	264	5	5	12		1
Livestock	598	48	58	168	21	149	135	7	11	1		
Orchard	189	133	2	5		25	12	1	8	3		
Berries	67	16	2			9	23	6	7	3	1	
Vineyard	29	22				6	1					
Maple syrup	438					5	424	7	2			
Mushroom	14	9				2		2		1		

One farm may have more than one type of enterprise. Frequently the CB provided data which identified the farm under the main type of operation. For example Orchards do not include all producers with some tree fruit on the farm.

**Figure 3:
TYPE OF PRODUCTION**



2.2 Acreage in Organic Production

In 2004 there were at least 485,288 hectares (1,199,172 acres) in organic crop production in Canada and an additional 57,077 hectares (141,040 acres) of transitional land being farmed organically.

Table 3. Acreage in Organic Production 2004.

Province	Certified Land in Production		Wild land in program*		Transitional land*	
	Hectares	Acres	Hectares	Acres	Hectares	Acres
NS	526	1,300	0	0	202	500
PEI	378	934	0	0	89	221
NB	946	2,338	0	0	137	339
NF	32	79	0	0	12	30
QC	27919	68,989	1446	3572	1277	3156
ON*	30777	76,052	9	23	3030	7487
MB	25718	63,551	0	0	676	1671
SK	292297	722,283	8617	21294	40927	101134
AB*	95375	235,677	3492	8628	8492	20985
BC	11311	27,949	100634	248671	2217	5478
YK	8	21	0	0	16	40
Total	485288	1199172	114197	282188	57077	141040

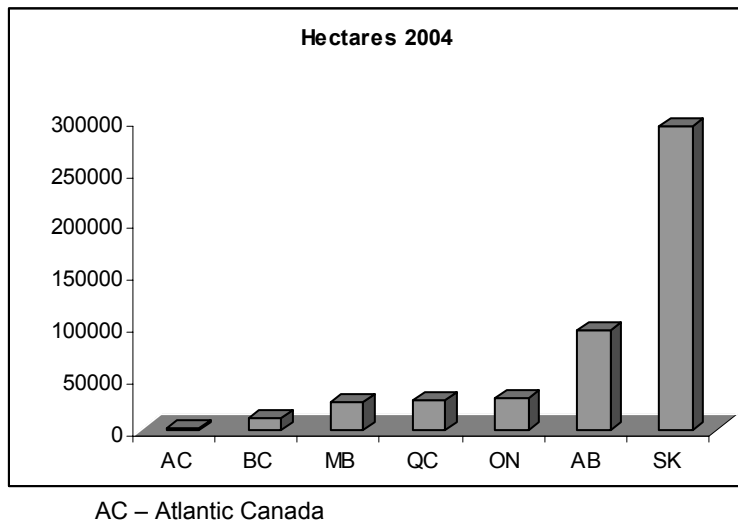
* Incomplete data

Numbers in Table 3 should be used with caution. Data is known to be missing for some producers in Ontario and in Alberta, and one certifier in Atlantic Canada and one in Saskatchewan only provided estimates.

The wild land category includes native pasture and community rangelands, woodlots, riparian areas and other wild land on organic farms. The Quebec figure represents a portion of the maple forest used for organic production but not all. Maple forest is not included for the other syrup producing provinces. The intention is to try and get better data for this category in the future and collect specific information on acres of land used for the collection of wild crops such as wild blueberries or herbs. Transitional acres were not reported by all certifiers.

Acreage reported in Tables 4, 5, 6 and 7 should be considered minimum values. Breakdowns by crop type were not available for all certifiers and not all producers were represented in the data provided. For the Prairies one CB provided a total acreage for each crop in the Prairie region and provincial totals were estimated using an approximate percentage for each province. Difficulties were also encountered in determining breakdowns for forage crops and permanent pastures.

Figure 4: 2004 Acreage in organic production by province



2.3.1 Vegetables and Herbs

Organic vegetables including potatoes were grown on 2,600 hectares (6,423 acres) in 2004 and also on some of the 659 hectares (1,629 acres) of unspecified 'fruit, vegetables and herbs'. 2004 was the first year a large acreage of organic potatoes has been reported for Saskatchewan. For vegetable crops in general the majority of production occurs in British Columbia (798 hectares/1,970 acres), Quebec (560 hectares/1,383 acres) and Ontario (455 hectares/1,124 acres).

Culinary and medicinal herbs are grown on at least 481 hectares (1,188 acres); this includes 352 hectares (869 acres) of borage grown for essential oil production. Culinary and medicinal herbs are also grown in Saskatchewan by at least 20 producers but acreage data is not available.

Table 4a: Organic Vegetable and Herb Production - Acres 2004

	Total	BC	AB	SK	MB	ON	QC	NB	NS	PEI	NF	YK
Mixed vegetables	2328.5	439.4	47.0	35.5		631.7	1015.8	55.5	77.5	2.1	3.5	20.5
Greenhouse	145.3	65.5					78.6		1.0		0.2	
Large scale misc	936.0	936.0										
Asparagus	95.3	2.0				84.0	4.3		5.0			
Beans	59.2	54.0				5.2						
Beets	5.8					2.5	3.2					
Broccoli	120.6	54.0				37.6	29.0					
Cole crops	53.5	4.0					39.0			10.5		
Carrots	54.1	12.0				28.1	14.0					
Sweet corn	19.5	0.0				19.5						
Onions/shallots/leeks	72.0	7.0				56.3	8.7					
Rutabaga	2.3	2.0				0.3						
Spinach	11.0					10.7	0.3					
Squash	21.8	0.3				19.0	2.5					
Tomato	48.9	6.5				38.4	4.0					
Salad greens/lettuce	56.9					33.4	18.5		4.0	1.0		
Potatoes	2316.3	370.7	34.8	1513.3	41.0	112.3	155.3	5.0		84.0		
Peppers/eggplant	4.0					3.8	0.3					
garlic	72.3	17.0				41.4	9.9	0.5		3.5		
Herbs	57.9	54.4					0.0	3.5				
Medicinal herbs	182.1	18.0	6.0			74.2	65.4			18.4		
Echinacea	32.9		5.0			27.4				0.5		
Borage	869.0		799.0		70.0							
Fenugreek	20.0				20.0							
Sea buckthorn	24.0				24.0							
Milk thistle	4.3									4.3		
Ginseng	1.0					1.0						
Fruit/vege/herb	1628.9	208.1	74.8		1346.0							
Vege/Flower seed	8.0	8.0										
Totals	8490.0	2258.7	966.6	1548.7	1501.0	1226.7	1448.8	64.5	87.5	124.4	3.7	20.5

Table 4b: Organic Vegetable and Herb Production - Hectares 2004

	Total	BC	AB	SK	MB	ON	QC	NB	NS	PEI	NF	YK
Mixed vegetables	942.7	177.9	19.0	14.4		255.8	411.3	22.5	31.4	0.9	1.4	8.3
Greenhouse	58.8	26.5					31.8		0.4		0.1	
Large scale misc	378.9	378.9										
Asparagus	38.6	0.8				34.0	1.7		2.0			
Beans	24.0	21.9				2.1						
Beets	2.3	0.0				1.0	1.3					
Broccoli	48.8	21.9				15.2	11.7					
Cole crops	21.7	1.6				0.0	15.8			4.3		
Carrots	21.9	4.9				11.4	5.7					
Sweet corn	7.9					7.9	0.0					
Onions/shallots/leeks	29.2	2.8				22.8	3.5					
Rutabaga	0.9	0.8				0.1						
Spinach	4.4					4.3	0.1					
Squash	8.8	0.1				7.7	1.0					
Tomato	19.8	2.6				15.5	1.6					
Salad greens/lettuce	23.0					13.5	7.5		1.6	0.4		
Potatoes	937.8	150.1	14.1	612.7	16.6	45.5	62.9	2.0		34.0		
Peppers/eggplant	1.6					1.5	0.1					
garlic	29.3	6.9				16.8	4.0	0.2		1.4		
Herbs	23.4	22.0						1.4				
Medicinal herbs	73.7	7.3	2.4			30.0	26.5			7.5		
Echinacea	13.3		2.0			11.1				0.2		
Borage	351.8		323.5		28.3							
Fenugreek	8.1				8.1							
Sea buckthorn	9.7				9.7							
Milk thistle	1.7									1.7		
Ginseng	0.4					0.4						
Fruit/vege/herb	659.5	84.2	30.3		544.9							
Vege/Flower seed	3.2	3.2										
Totals	3745.3	914.5	391.3	627.0	607.7	496.6	586.5	26.1	35.4	50.3	1.5	8.3

2.3.2 Fruit and Nuts

British Columbia has the largest acreage in organic fruit trees with 450 hectares (1,111 acres) of which at least 283 hectares (700 acres) are apples; tree fruit is grown on at least 107 farms. In comparison Ontario has 251 hectares (620 acres) of apples on 16 farms and Nova Scotia has 36 hectares (88 acres) of apples on 8 farms. Blueberries and cranberries are important crops in Quebec with 631 hectares (1,558 acres) and 107 hectares (265 acres) respectively; the blueberry acreage is mainly wild land. British Columbia also has the largest number of organic vineyards with 22 totaling 80.7 hectares (199.3 acres); Ontario has six vineyards with 16.8 hectares (41.5 acres) total and Quebec reported one of 1.5 hectares (3.7 acres). The lower mainland of British Columbia produces almost all of the organic nuts in Canada.

	Total	BC	AB	SK	MB	ON	QC	NB	NS	PEI	NF	YK
Misc. Tree Fruit	212.8	163.0	8.7	12.0		29.1		18.0				
Misc. Small Fruit	195.2	46.4	9.0	100.4			38.4		1.0			
Blueberries	2169.8	48.0					1558.0	438.8	50.0	1.5	75.0	
Cranberries	264.8						264.8					
Grapes - wine	244.45	199.3				41.5	3.7					
Raspberries	40.25	1.8	7.5			3.0	28.0					
Strawberries	32.7	3.3	1.0			7.7	18.5		2.0	0.3		
Apples	1434.35	684.1	3.0			619.3	37.0		88.0	3.0		
Apricots	30.75	30.8										
Cherries	56	55.5					0.3		0.3			
Nectarines	33	33.0										
Peaches	62.5	62.5										
Pears	64.6	59.5				1.0	1.2		2.9			
Plums	26.5	25.3					1.0		0.3			
Saskatoons	1	0.5	0.5									
Nuts	5	5.0										
Hazelnuts	73	72.0				1.0						
Walnuts	5.5	5.5										
Hops	5	5.0										
Total	4959.6	1500.3	29.7	112.4		702.5	1950.9	456.8	144.4	4.8	75.0	

	Total	BC	AB	SK	MB	ON	QC	NB	NS	PEI	NF	YK
Misc. Tree Fruit	86.2	66.0	3.5	4.9		11.8						
Misc. Small Fruit	79.0	18.8	3.6	40.6			15.5		0.4			
Blueberries	878.5	19.4					630.8	177.7	20.2		30.4	
Cranberries	107.2						107.2					
Grapes - wine	99.0	80.7				16.8	1.5					
Raspberries	16.3	0.7	3.0			1.2	11.3					
Strawberries	13.2	1.3	0.4			3.1	7.5		0.8	0.1		
Apples	580.7	277.0	1.2			250.7	15.0		35.6	1.2		
Apricots	12.4	12.4										
Cherries	22.7	22.5					0.1		0.1			
Nectarines	13.4	13.4										
Peaches	25.3	25.3										
Pears	26.2	24.1				0.4	0.5		1.2			
Plums	10.7	10.2					0.4		0.1			
Saskatoons	0.4	0.2	0.2									
Nuts	2.0	2.0										
Hazelnuts	29.6	29.1				0.4						
Walnuts	2.2	2.2										
Hops	2.0	2.0										
Total	2007.9	607.4	12.0	45.5		284.4	789.8	184.9	58.5	1.9	30.4	

2.3.3 Grains and Oilseeds

A total of 194,201 hectares (479,678 acres) was reported as being planted to grains and oilseeds. Saskatchewan has the largest acreage with at least 126,043 hectares (311,327 acres); an estimated 5-10% is missing (one certifier did not provide any crop breakdowns). Data is also missing for Ontario and Atlantic Canada.

The most important crops in terms of acreage planted are: wheat (Canada's most important organic export crop) with 72,560 hectares (179,223 acres); oats 30,493 hectares (75,317 acres); flax 29,777 hectares (73,550 acres); peas & lentils 15,799 hectares (39,024 acres) and soybeans 10,472 hectares (25,867 acres).

Table 6a: Organic Grains and Oilseeds - Acres 2004

	Total	BC	AB	SK	MB	ON	QC	NB	NS	PEI
Misc field crops	6329.8	77.0	6175.0				77.8			
Mixed grains	9945.8		66.0	131.0		2602.6	7089.1	45.0		12.0
Misc oilseeds	2207.0		204.0	1924.0	79.0					
Barley	22543.6	476.0	4692.0	13689.5	687.5	1896.9	1089.7			12.0
Beans	375.9	0.8			299.0	76.1				
Buckwheat	3633.4	9.0	0.0	1235.0	353.0	1381.3	655.1			
Canola	2941.0		1308.0	1239.0	394.0					
Corn	6658.0				20.0	3649.0	2989.0			
Flax	73550.1	10.0	2784.0	65792.2	4332.5	446.5	184.9			
Hemp	1625.4		240.0		1277.0	61.0	47.4			
Kamut (& triticale)	4877.0		699.0	4175.0		3.0				
Lentils	909.0		80.0	742.0	87.0					
Millet	410.5		50.0	145.0	192.0	23.5				
Mustard	306.5		65.0	210.5	31.0					
Oats	75317.1	423.5	13538.3	50435.0	4332.3	2610.2	3512.8	100.0	5.0	360.0
Peas (beans & lentils)	38115.0	10.0	1967.6	33775.5	1632.0	628.0	101.9			
Rye	13764.4	21.0	4272.0	5822.0	2109.1	975.1	443.2		122.0	
Soybeans	25866.8			81.5	254.5	16005.4	9175.4			350.0
Spelt	9558.6	82.5	1911.0	1817.0	173.0	4995.9	579.2			
Sunflowers	457.2			230.8		70.5	155.9			
Triticale	1063.0		690.0		280.0	93.0				
Wheat	179222.8	141.0	34121.8	129882.5	7499.9	3955.1	3496.5	25.0		101.0
Total	479677.7	1250.8	72863.7	311327.5	24032.8	39473.1	29597.9	170.0	127.0	835.0

Table 6b: Organic Grains and Oilseeds - Hectares 2004

	Total	BC	AB	SK	MB	ON	QC	NB	NS	PEI
Misc field crops	2562.7	31.2	2500.0				31.5			
Mixed grains	4026.6		26.7	53.0		1053.7	2870.1	18.2		4.9
Misc oilseeds	893.5		82.6	778.9	32.0					
Barley	9126.9	192.7	1899.6	5542.3	278.3	768.0	441.2			4.9
Beans	152.2	0.3			121.1	30.8				
Buckwheat	1471.0	3.6		500.0	142.9	559.2	265.2			
Canola	1190.7		529.6	501.6	159.5					
Corn	2695.5				8.1	1477.3	1210.1			
Flax	29777.4	4.0	1127.1	26636.5	1754.0	180.8	74.9			
Hemp	658.1		97.2	0.0	517.0	24.7	19.2			
Kamut (& triticale)	1974.5		283.0	1690.3		1.2				
Lentils	368.0		32.4	300.4	35.2					
Millet	166.2		20.2	58.7	77.7	9.5				
Mustard	124.1		26.3	85.2	12.6					
Oats	30492.8	171.5	5481.1	20419.0	1754.0	1056.8	1422.2	40.5	2.0	145.7
Peas (beans & lentils)	15431.2	4.0	796.6	13674.3	660.7	254.3	41.3			
Rye	5572.7	8.5	1729.6	2357.1	853.9	394.8	179.4		49.4	
Soybeans	10472.4	0.0	0.0	33.0	103.0	6479.9	3714.8			141.7
Spelt	3869.9	33.4	773.7	735.6	70.0	2022.6	234.5			
Sunflowers	185.1			93.4		28.5	63.1			
Triticale	430.4		279.4		113.4	37.7				
Wheat	72559.8	57.1	13814.5	52584.0	3036.4	1601.3	1415.6	10.1		40.9
Total	194201.5	506.4	29499.5	126043.5	9729.9	15981.0	11983.0	68.8	51.4	338.1

2.3.4 Forages, Pasture, Green manures and other land use

There was a great deal of variation in the amount of detail that was reported by CBs for these type of crops, therefore figures should not be considered total areas for each type listed.

In total, forage crops for feed and seed, permanent pastures, green manure crops and fallow make up 190,558 hectares (470,678 acres) of the certified acreage. An additional 112,791 hectares (278,593 acres) of wild range lands and native pastures were identified as being in the organic program.

Table 7a: Forages, Pasture, Green manures and other landuse - Acres 2004

	Total	BC	AB	SK	MB	ON	QC	NB	NS	PEI
Alfalfa	3931.5	8.0	2870.0			1045.0	0.0		8.5	
Alsike seed	50.0		50.0							
Brome grass	7.0		7.0							
Clover	5138.4		1486.0	407.0	1851.2	1364.0				30.2
Oilradish	17.5					17.5				
Forage Seed production	1395.0			1395.0						
Green Manures	111261.9	316.8	10904.0	98882.0	505.0	70.0	584.2			
Fallow	20275.9	0.0	17489.0	1666.0		1117.4	3.5			
Forage	478.0				236.5	241.5				
Grass	324.0					322.0				2.0
Hay	20556.3		5205.0	1080.0		13324.7	434.1		327.0	185.5
Hay/pasture/plowdown	39272.2		4209.0	9219.0	25844.2					
Pasture/hay	231867.1	13166.7	73492.0	111275.0	1556.0	2679.8	27008.6	2137.0	300.0	252.0
Pasture	35959.9		24249.0	2705.0		6251.5	2549.9		200.0	4.5
Trefoil	40.0				40.0					
Sanfoin	45.0				45.0					
Sorghum	31.6					18.0	13.6			
Vetch	26.5				26.5					
Sub total	470677.8	13491.5	139961.0	226629.0	30104.4	26451.4	30593.8	2137.0	835.5	474.2
Wild land/range	278593.3	248671.3	8628.0	21294.0						
Total	749271.1	262162.8	148589.0	247923.0	30104.4	26451.4	30593.8	2137.0	835.5	474.2

Table 7b: Forages, Pasture, Green manures and other landuse - Hectares 2004

	Total	BC	AB	SK	MB	ON	QC	NB	NS	PEI
Alfalfa	1591.7	3.2	1161.9			423.1			3.4	
Alsike seed	20.2		20.2							
Brome grass	2.8		2.8							
Clover	2080.3		601.6	164.8	749.5	552.2				12.2
Oilradish	7.1					7.1				
Forage Seed production	564.8			564.8						
Green Manures	45045.3	128.2	4414.6	40033.2	204.5	28.3	236.5			
Fallow	8208.9		7080.6	674.5		452.4	1.4			
Forage	193.5				95.7	97.8	0.0			
Grass	131.2					130.4	0.0			0.8
Hay	8322.4		2107.3	437.2		5394.6	175.7		132.4	75.1
Hay/pasture/plowdown	15899.7		1704.0	3732.4	10463.3	0.0	0.0		0.0	0.0
Pasture/hay	93873.3	5330.7	29753.8	45050.6	630.0	1084.9	10934.6	865.2	121.5	102.0
Pasture	14558.7		9817.4	1095.1		2531.0	1032.3		81.0	1.8
Trefoil	16.2				16.2					
Sanfoin	18.2				18.2					
Sorghum	12.8					7.3	5.5			
Vetch	10.7				10.7					
Sub total	190557.8	5462.1	56664.4	91752.6	12188.0	10709.1	12386.2	865.2	338.3	192.0
Wild land/range	112790.8	100676.6	3493.1	8621.1						
Total	303348.6	106138.8	60157.5	100373.7	12188.0	10709.1	12386.2	865.2	338.3	192.0

2.4 Livestock on Organic Farms

Numbers of livestock in Table 8 include animals in all stages of production; for example dairy cattle numbers include milking cows and heifers; pigs include sows, boars and market hogs.

Poultry numbers and egg production in 2004 are lower than in 2003. In British Columbia it was probably as a result of the avian flu crisis and marketing board issues whereas in Ontario it may be because of missing data. In contrast, numbers of other livestock (beef and dairy cattle, sheep, goats and pigs) are higher than in previous years. From the number of laying hens reported it is estimated that 2,314,651 dozen organic eggs were produced in 2004.

Table 8: Organic Livestock - number of head reported

	CANADA	BC	AB	SK	MB	ON	QC	NB	NS	PEI
Layers	97459	48218	2310	420		10579	35532	400		
Broilers	201447	46450	50845		265	5752	97885	250		
Turkeys	5176	2400	2003			50	723			
Duck	2584		800			359	1425			
Geese	200					100	100			
Guinea	500					0	500			
Ostrich	445					365	80			
Sheep	6585	3013	551	295		603	2073		50	
Beef Cattle	20779	1850	7574	5600	1267	2523	1696	97	140	32
Dairy Cattle	8073	1135				3441	3497			
Dairy Goat	1080	507	47	12		13	496		5	
Pigs	6087	240	433	255	104	280	4764		11	
Wild boar	47					40	7			
Bison	651	37	160	348	31		75			
Deer/elk	124	14		35		75				
Alpaca	16					16				
Rabbit	365					365				
Bees (hives)	1648	?		35			1613			

Numbers should be considered minimums. Numbers for Atlantic Canada are based on 2003 data as data was not provided for 2004. Livestock numbers were not obtained for all organic livestock enterprises in Alberta and Saskatchewan.

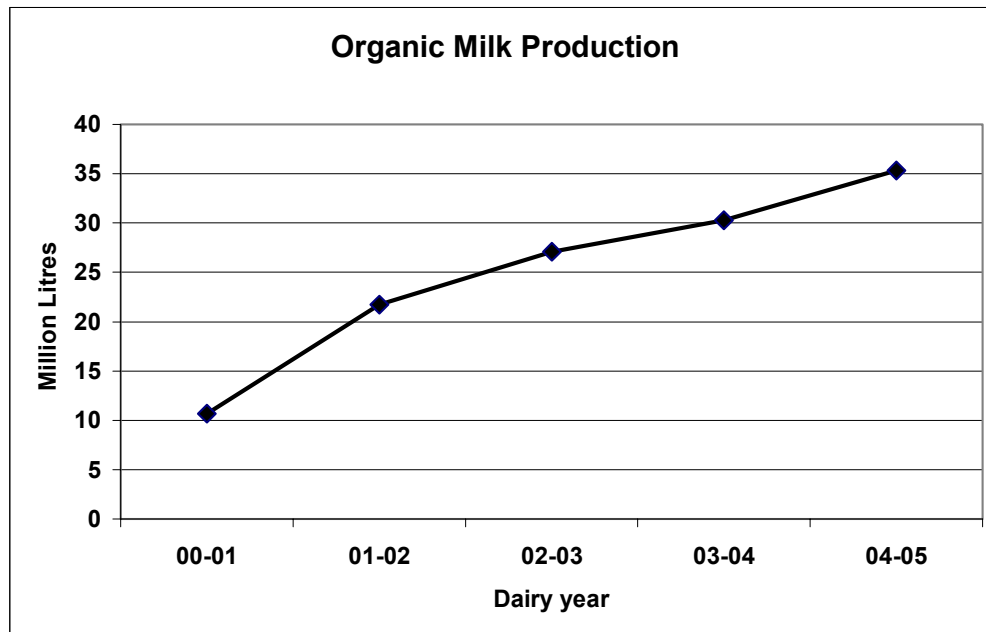
Table 9: Organic Livestock - number of producers

	CANADA	BC	AB	SK	MB	ON	QC	NB	NS	PEI
Layers	83	26	10	2	0	28	15	2	3	
Broilers	63	8	8		3	24	19	1		
Turkeys	18	3	8			1	6			
Duck	6		1			3	2			
Geese	4		1		1	1	1			
Guinea	1						1			
Ostrich	3					2	1			
Sheep	41	10	4	2		13	10		2	
Beef Cattle	361	21	114	97	18	67	35	4	4	1
Dairy Cattle	107	5				43	59			
Dairy Goat	18	5	2	1		2	8		3	
Pigs	37	4	7	1	2	10	13		1	
Wild boar	2					1	1			
Bison	12	1	4	5	1		1			
Deer	5	1		1		2	1			
Alpaca	1					1				
Rabbit	2					2				
Bees	12		5	1			6			

2.4.1. Organic Milk Production

Organic milk production in Quebec, Ontario and British Columbia continues to rise with 35 million litres produced in the 04/05 dairy year compared with 30 million in 03/04. Further expansion of the organic dairy herd has occurred in 2005. According to the data compiled by the Dairy Section of AAFC, Quebec had the higher number of organic dairy farms and greatest volume of milk in 2004-2005 with 18,643,453 litres from 63 farms, followed by Ontario with 42 farms producing 10,300,000 litres. In British Columbia five farms produced 6,339,212 litres. In BC the premium for organic milk is 30 cents/litre whereas in Ontario it is 16 cents/litre and in Quebec 9.44 cents/litre

Figure 5: Organic Milk Production in Canada 2000-2005.



From data compiled by Dairy Section AAFC sourced from the Fédération des producteurs de lait du Quebec; Dairy Farmers of Ontario and the British Columbia Milk Marketing Board.

2.5 Value of Production 2004

- **British Columbia:** The estimated value of production in BC from certified organic farms is close to \$29.5 million - this includes small scale on-farm processing but not other processed products. The value of organic milk production in the 04-05 dairy year was \$5.1 million (based on average milk price of \$66.31/hl and 30 cents/litre premium). There is at least \$14 million in value-added product sales but data for most of the processors is not available.
- **Alberta:** Based on the limited amount of information available and extrapolating for the total number of certified farmers a value of \$26 million in gross sales is obtained, but it may not be a valid assumption that average sales figures are similar for each CB. According to Table 10 below, known crop acreage for 6 crops would generate close to \$9.5 million in crop sales. It is expected that data being collected by Rosalie Cunningham of Alberta Agriculture will shed more light.

- **Saskatchewan:** Based on information available the gross sales value is at least \$100 million and possibly up to \$150 million or more. Calculations for some crops based on acreage planted (see Table 10) only accounts for \$47 million.
- **Manitoba:** There is very little data available; possibly \$15 million in gross sales.
- **Quebec:** Based on the limited amount of information available and extrapolating for the total number of producers a value of \$68 million in gross sales is obtained, but it may not be a valid assumption that average sales figures are similar for each CB. The value of organic milk produced is estimated at \$13.4 million (based on milk price of \$62.70/hl plus premium \$9.44/hl). The value of production of corn, oats, soybeans, spelt and wheat is approximately \$9 million according to Table 11 below.
- **Ontario:** There is not enough information available to allow for any estimates for total gross sales. The estimated value of organic milk production in the 04-05 dairy year was \$7.2 million (based on milk price of \$63.51/hl and 0.16 cents/litre premium). According to Table 11 the value of production of corn, oats, soybeans, spelt and wheat is approximately \$15 million.
- **Atlantic Canada:** There is very little information available. Gross sales are expected to be higher than the \$2.65 million reported in 2003.

2.5.1 Value of crops based on acreage planted

a) Prairie Provinces

The values used for calculations were obtained from approximating average values based on information from the tables of 'Purchase Prices for Organic Crops 2004 Crop Year' found on the University of Saskatchewan organic information website. It appears the sample size used to generate the data in these tables was very small and there was considerable variation across the region; therefore whether or not Table 10 provides any real insight is debatable.

Crop	Yield bu/ac	Price/bu	Alberta			Saskatchewan			Manitoba		
			Acre*	Quantity	Value	Acre*	Quantity	Value	Acre	Quantity	Value
Barley	20	\$5.00	4692	93840	\$469,200	13,689	273780	\$1,368,900	687	13740	\$68,700
Wheat	20	\$7.90	34122	682440	\$5,391,276	129885	2597700	\$20,521,830	7500	150000	\$1,185,000
Oats	48	\$3.50	13538	649824	\$2,274,384	50435	2420880	\$8,473,080	4332	207936	\$727,776
Rye	31	\$5.20	4272	132432	\$688,646	5822	180482	\$938,506	2109	65379	\$339,971
Flax	8	\$30.00	2784	22272	\$668,160	65792	526336	\$15,790,080	4332	34656	\$1,039,680
Kamut	14	\$11.00	699	9786	\$107,646	4175	50100	\$45,925	0	0	\$0
Total					\$9,599,312			\$47,138,321			\$3,361,127

*Missing data, actual acreage greater

It is hoped that data (not yet available) from the Canadian Wheat Board will provide more accurate information regarding the value of the organic grain crops in Canada.

b) Ontario and Quebec

Calculations in Table 11 are based on organic yields estimated at 70% of conventional yields obtained from the OMFRA field crop statistics for 2004. The figure of 70% is somewhat arbitrary; there is considerable variation between farms and crops when comparing organic and conventional yields. Prices are based on prices paid in winter of 04/05; wheat price is for feed wheat.

			Quebec			Ontario		
Crop	Yield MT/h	Price/MT	Hectares	Quantity	Value	Hectares	Quantity	Value
Corn	5.7	\$265	1210	6897	\$1,827,705	1477	8419	\$2,231,009
Oats	1.9	\$220	1422	2702	\$594,396	1057	2008	\$441,826
Soybeans	1.9	\$690	3715	7059	\$4,870,365	6480	12312	\$8,495,280
Spelt	3	\$400	234	702	\$280,800	2023	6069	\$2,427,600
Wheat	3.5	\$250	1416	4956	\$1,239,000	1601	5604	\$1,400,875
Total					\$8,812,266			\$14,996,590

It is not possible to estimate the total value of organic farm production in Canada with any degree of confidence but the various extrapolations used above suggest a value between \$250-350 million at the farm gate; this does not include the value of sales from processors.

3. PROCESSING AND HANDLING

A total of 742 processors and handlers were certified in 2004 which represents a 48% increase from the previous year. Increases were 155% in Ontario, 144% in Manitoba, 46% in British Columbia and 26% in Quebec. It may be that some enterprises were not identified in 2003 but even so increases have been dramatic.

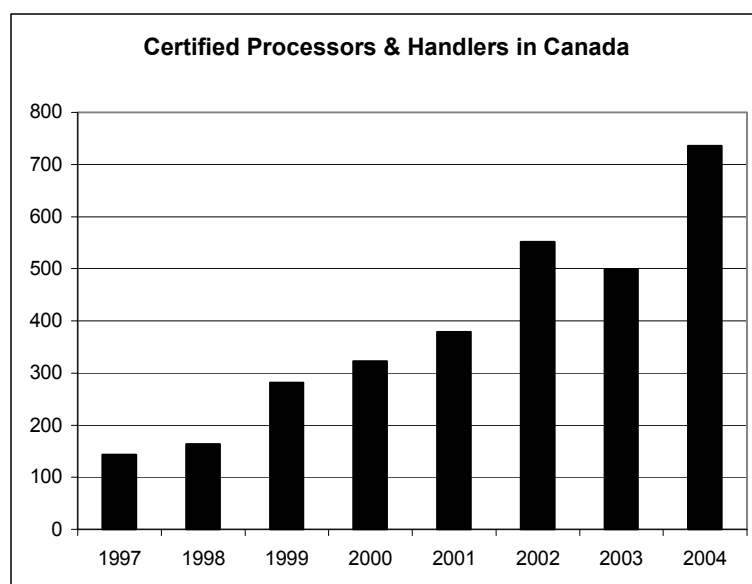
The processing figures include seed cleaning and bagging which makes up the majority of the value-added processing in Saskatchewan and Manitoba, as well as production of livestock feeds and a whole range of food and beverage products (see Table 13). Some enterprises provide custom services or include one or more organic product lines; others have dedicated facilities. Handling operations include packing of fruit and vegetables, wholesale distributors, brokers and other traders.

Province	Total 2003	Total 2004	Percentage Increase	Unidentified	Processors Manufacturers	Seed Cleaning & Livestock Feed	Handlers & Traders	Composts & Soil amendments
BC	85	124	46%		84	3	37	
AB	52	53	2%	8	30	11	4	
SK	94	112	19%		32	67	13	
MB	27	66	144%		17	43	6	
ON	64	163	155%		119	16	28	
QC	152	191	26%	61S/93L			37	
NB	9	12	33%		8			4
NS	13	16	23%		13			3
PEI	3	3	0%		1	1	1	
NFL		1			1			
YK		1			1			
Total	499	742	47%	162	306	141	126	7

S – 5 employees or less; L - more than 5 employees

Quebec is the only province providing data on size of operation, reporting that 40% of organic processors have 5 employees or less.

Figure 6: Certified Processors and Handlers 1997-2004



The following tables give an idea of the range of products available as certified organic; but many certified enterprises, especially those in Quebec, were not identified by type.

Table 13: Organic Food & Beverage Products -2004											
Product /Enterprise Type	Number of Certified Enterprises										
	BC	AB	SK	MB	ON	QC*	NS	NB	PEI	NFL	YK
Dairy products (milk, cheese, yogurt etc)	7	1				18	5	1			
Milling & packaging grains, flours	5	11	23		12	12	3		1		
Breads & baked goods, Breakfast cereals	6	1				28	9	2	2		
Pastas	1	1			1	1					
Soy products (tofu etc)	6					3	7			1	
Rice cakes	2						1				
Fruit and vege products (canning/drying)	3	2	1			8	4	1			
Jams/jellies/pickles/salad dressing/salsa	4					7	2				
Oils & nut butters	6	2	3			3	2	1			
Sprouts	1					1	1				
Nuts (drying/cracking)	2										
Herbs & spices	1					3	1	2			
Cider, Juice & fruit concentrates	3					3		3			
Teas						4	1				
Coffee roasters	4					2	4	1			1
Wine						1					
Beer	2								1		
Meat/poultry/slaughter/cut & wrap	2	8	1	2		6	3		2		
Prepared meals/pizza						4					
Chocolate	2						1				
Honey & beeswax		3	1			1					
R & D		1								1	
Dulse & sea lettuce									1		
Wild rice	1			2		1					
Maple syrup						5	4		1		
Sugar						3			1		

*Quebec - list very incomplete; types of enterprises were not identified by CBs

Table 14: Non-food Organic Products - 2004											
Product /Enterprise Type	Certified Enterprises										
	BC	AB	SK	MB	ON	QC*	NS	NB	PEI	NFL	Y
Livestock feed	2			3		2					
Livestock supplements/premix/kelp						2		1			1
Dog & cat food						1		1			
Body care products	1					2					
Grain/seed cleaning & bagging	1	13	58	43		15					
Composts								1	3		

Table 15: Handlers, Packing & Distribution - 2004											
Product /Enterprise Type	Certified Enterprises										
	BC	AB	SK	MB	ON	QC*	NS	NB	PEI	NFL	Y
Egg grading	5					3					
Fruit (packer/broker)	11					2	1	1			
Food distributor	3		1			6	6				
Milk bulk tank/hauler	2										
Teas (packing & distribution)	2					2					
Traders/marketers,broker - grains	1	2	13			3					
Traders - other	2	1				1					
Trucking				3							
Vegetables (packer)	2										

*Quebec - list very incomplete; types of enterprises were not identified by CBs

4. PROVINCIAL SUMMARIES

Organic Statistics 2004

BRITISH COLUMBIA

FARMERS

Number certified: 442
 Percentage of total farmers in province: 2.2%
 Percentage of organic farmers in Canada: 12%
 Number in Transition: 78
 Value of Production: \$29.5 million

PROCESSING & HANDLING

Certified processors: 87
 Certified handlers & traders: 37
 Percentage of organic P & H in Canada: 17%

ACREAGE

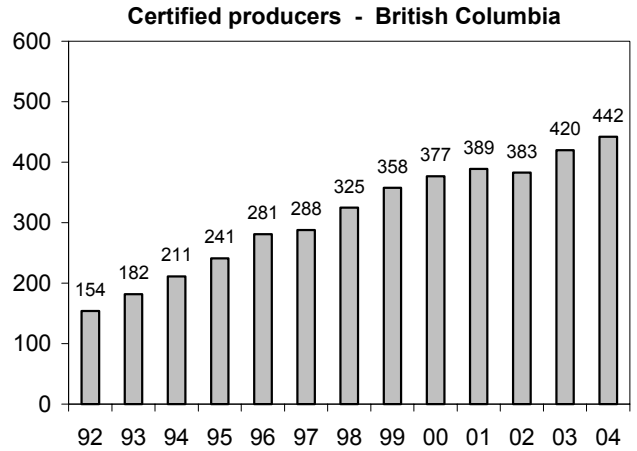
Acreage in production: 11311 ha; 27949 ac.

Additional acreage in program:
 100634 ha; 248671 ac; (wild lands and range)

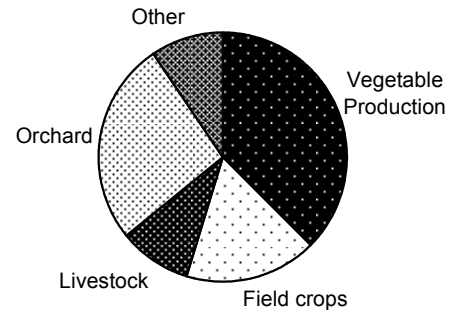
Transitional acreage: 2217 ha; 5478 ac

The following are minimum figures – breakdowns not provided by all CBs.

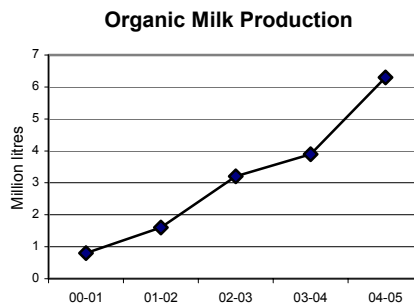
Crop	Acres
Total vegetables	1970
Mixed	439
Greenhouses	65
Potatoes	370
Garlic	17
Herbs	72
Misc Tree fruit	163
Misc small fruit	46
Apples	684
Peaches	62
Cherries	55
Pears	59
Nectarines	33
Apricots	31
Plums	25
Blueberries	48
Hazelnuts	72
Pasture and Hay	13167
Grains	1251



Type of Production



LIVESTOCK & LIVESTOCK PRODUCTS



Type	Head	Farms
Layers	48218	26
Broilers	46450	8
Turkeys	2400	3
Sheep	3013	10
Beef Cattle	1850	21
Dairy Cattle	1135	5
Dairy Goat	507	5
Pigs	240	4
Bison	37	1
Deer	14	1

Organic Statistics 2004

ALBERTA

FARMERS

Number certified: 254
 Percentage of total farmers in province: 0.4%
 Percentage of organic farmers in Canada: 7%
 Number in Transition: 12
 Value of Production: estimated \$15-25 million

PROCESSING & HANDLING

Certified processors: 49
 Certified handlers & traders: 4
 Percentage of organic P & H in Canada: 7%

ACREAGE

Acreage in production: 95375 ha; 235677 ac.
 20% of Canadian total

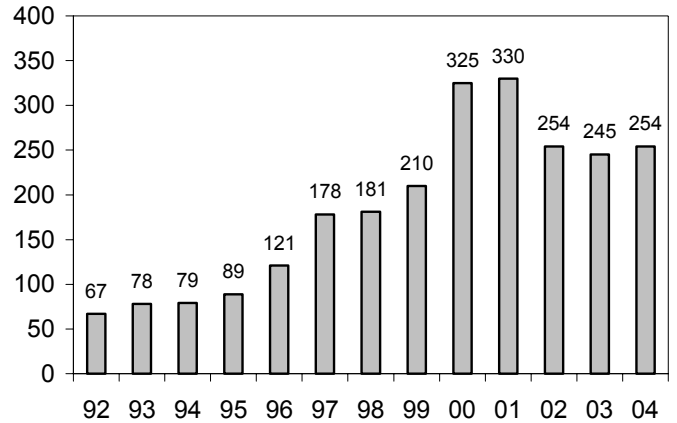
Additional acreage in program: 3492 ha; 8628 ac.

Transitional acreage: 8492ha; 20985 ac.

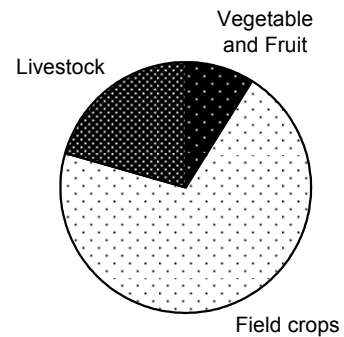
The following are minimum figures – breakdowns not provided by all CBs.

Crop	Acres
Fruit & Vegetables	152
Potatoes	35
Borage	799
Barley	4692
Canola	1308
Flax	2784
Oats	13538
Peas & lentils	2047
Rye	4272
Spelt	1911
Wheat	34122
Misc. grains/oilseeds	8189
Alfalfa	2870
Clover	1486
Pasture and Hay	107155
Wild - range	8628

Certified producers - Alberta



Type of Production



LIVESTOCK

Type	Head	Farms
Layers	2310	10
Broilers	50845	8
Turkeys	2003	8
Duck	800	1
Sheep	551	4
Beef Cattle	7574	114
Bison	160	4
Pigs	433	7
Dairy Goat	47	2
Bee hives	?	5

Organic Statistics 2004

SASKATCHEWAN

FARMERS

Number certified: 1245 (136 wild rice)
 Percentage of total farmers in province: 2.5%
 Percentage of organic farmers in Canada: 34%
 Number in transition: 64
 Value of production: more than \$130M

PROCESSING & HANDLING

Certified processors: 99
 Certified handlers & traders: 13
 Percentage of organic P & H in Canada: 15%

ACREAGE

Acreage in production:
 292297 ha; 722283ac. 60% of total in Canada

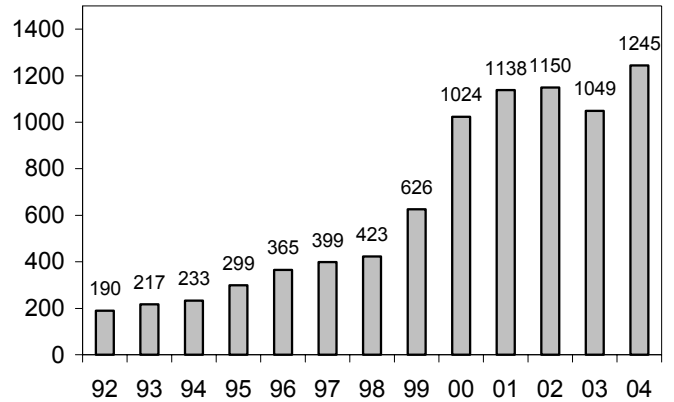
Additional acreage in program: 8617 ha; 21294 ac.

Transitional acreage: 40927 ha; 101134 ac.

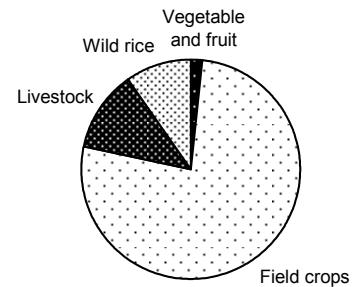
The following are minimum figures – breakdowns not provided by all CBs.

Crop	Acres
Vegetables	35
Potatoes	1513
Tree fruit	12
Small fruit	100
Barley	13689
Buckwheat	1235
Canola	1239
Flax	65792
Kamut/tricale	4175
Oats	50435
Peas & lentils	34517
Rye	5822
Spelt	1817
Wheat	129882
Pasture & Hay	123199
Wild - range	21294

Certified producers - Saskatchewan



Type of Production



LIVESTOCK

Type	Head	Farms
Layers	420	2
Beef Cattle	5600	97
Bison	348	5
Pigs	255	1
Sheep	295	2
Dairy Goat	12	1
Elk	35	1
Bee hives	35	1

Organic Statistics 2004

MANITOBA

FARMERS

Number certified: 223 (33 wild rice)
 Percentage of total farmers in province: 1.2%
 Percentage of organic farmers in Canada: 6%
 Number in transition: 26
 Value of production: unknown

PROCESSING & HANDLING

Certified processors: 60
 Certified handlers & traders: 6
 Percentage of organic P & H in Canada: 9%

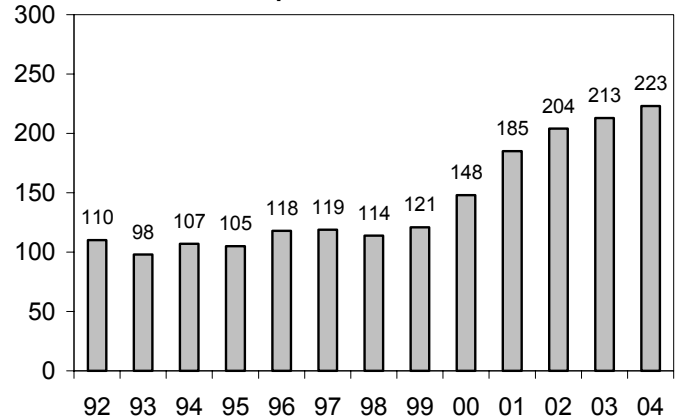
ACREAGE

Acreage in production:
 25718 ha; 63551ac. 5% of Canadian total
 Transitional acreage: 676 ha; 1671 ac.

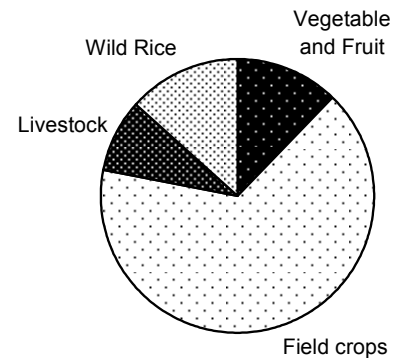
The following are minimum figures – breakdowns not provided by all CBs.

Crop	Acres
Fruit/Vegetable/Herb	1346
Potatoes	41
Borage	70
Barley	687
Beans	553
Buckwheat	353
Canola	394
Flax	4332
Hemp	1277
Oats	4332
Peas & lentils	1719
Rye	2109
Spelt	173
Tricale	280
Wheat	7500
Clover	1851
Pasture & Hay	27400

Certified producers - Manitoba



Type of Production



LIVESTOCK

Type	Head	Farms
Broilers	265	3
Beef cattle	1267	18
Bison	31	1
Pigs	104	2

Organic Statistics 2004

ONTARIO

FARMERS

Number certified: 489
 Percentage of total farmers in province: 0.8%
 Percentage of organic producers in Canada: 13%
 Number in transition: 34
 Value of production: at least \$30 million

PROCESSING & HANDLING

Certified processors: 135
 Certified handlers & traders: 28
 Percentage of organic P & H in Canada: 22%

ACREAGE

Acreage in production: 30777 ha; 76052 ac.
 6% of acreage in Canada (incomplete data)

Transitional acreage: 3030 ha; 7487 ac.

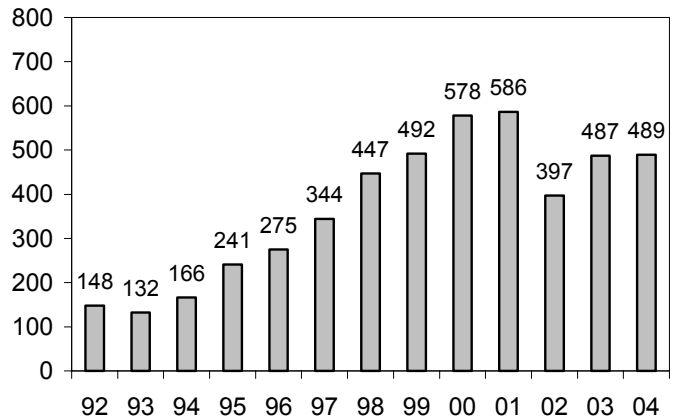
The following are minimum figures – breakdowns not provided by all CBs.

Crop	Acres
Total vegetables	1124
Mixed	632
Asparaugs	84
Onion family	56
Potatoes	112
Garlic	41
Herbs	102
Apples	619
Grapes	41
Mixed grains	2602
Barley	1896
Buckwheat	1381
Corn	3649
Oats	2610
Soybeans	16005
Spelt	4996
Wheat	3955
Alfalfa	1045
Clover	1364
Pasture & hay	22256

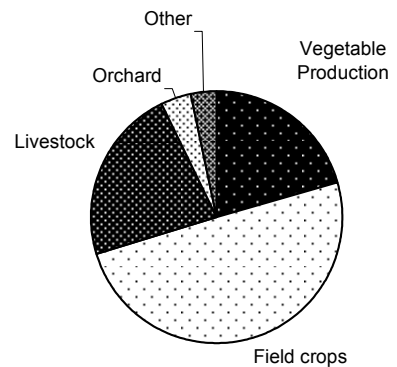
LIVESTOCK

Type	Head	Farms
Layers	10579	28
Broilers	5752	24
Turkeys	50	1
Duck	359	3
Geese	100	1
Ostrich	365	2
Beef cattle	2523	67
Dairy cattle	3441	43
Sheep	603	13
Dairy goat	13	2
Pigs/Wild boar	320	3
Deer	75	2
Alpaca	16	1

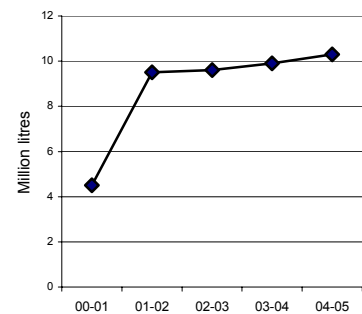
Certified producers - Ontario



Type of Production



Organic Milk Production



Organic Statistics 2004

QUEBEC

FARMERS

Number certified: 900 (424 maple syrup)
 Percentage of total farmers in province: 2.8%
 Percentage of organic farmers in Canada: 24.5%
 Number in transition: 35
 Value of production: \$ 45-65 million

PROCESSING & HANDLING

Certified processors: 154
 Certified handlers & traders: 37
 Percentage of organic P & H in Canada: 26%

ACREAGE

Acreage in production: 27919 ha; 68989 ac.
 6% of total in Canada

Additional acreage in program:
 1446 ha; 3572 ac.
 (Wild land and maple trees - data incomplete)

Transitional acreage: 1277 ha; 3156 ac.

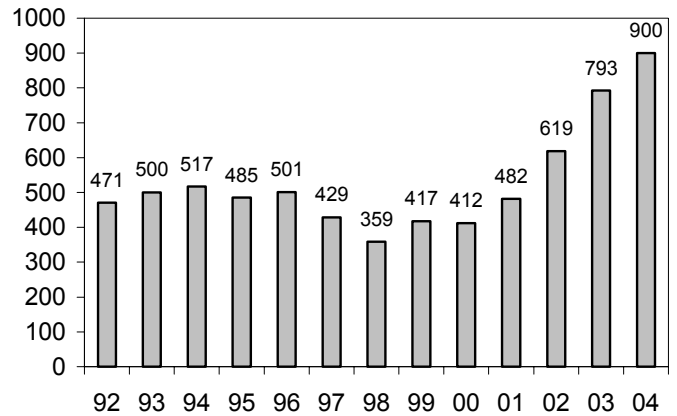
The following are minimum figures – breakdowns not provided by all CBs.

Crop	Hectares
Total vegetables	560
Mixed	411
Potatoes	63
Broccoli/Cabbage	27
Greenhouse	32
Herbs	26
Blueberries	631
Cranberries	107
Apples	15
Mixed grains	2870
Barley	441
Buckwheat	265
Corn	1210
Oats	1422
Rye	179
Soybeans	3715
Spelt	234
Wheat	1416
Green manures	236
Pasture & Hay	12142

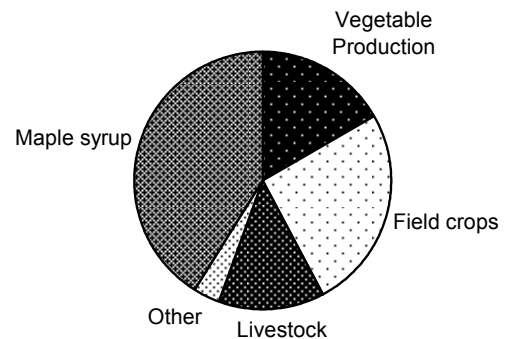
LIVESTOCK

Type	Head	Farms
Layers	35532	15
Broilers	97885	19
Turkeys	723	6
Duck	1425	2
Geese	100	1
Ostrich	80	1
Guinea Fowl	500	1
Beef cattle	1696	35
Dairy cattle	3497	59
Sheep	2073	10
Dairy goat	496	8
Pigs/Wild boar	4771	14
Bison	775	1
Bee Hives	1613	6

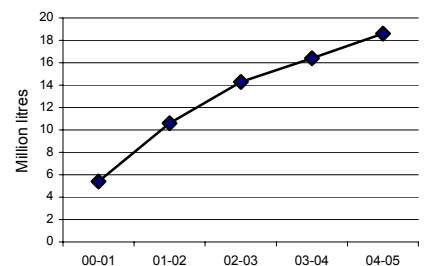
Certified producers - Quebec



Type of Production



Organic Milk Production



Organic Statistics 2004

NEW BRUNSWICK

FARMERS

Number certified: 36
 Percentage of total farmers in province: 1.2%
 Percentage of organic farmers in Canada: <1%
 Number in transition: 2
 Value of production: unknown

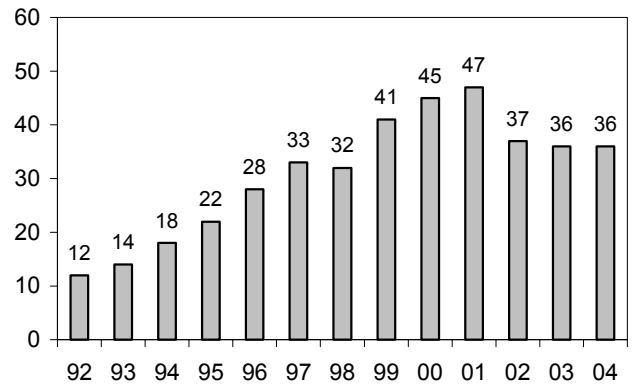
PROCESSING & HANDLING

Certified processors: 12
 Percentage of organic P & H in Canada: 1.6%

ACREAGE

Acres in production: 946 ha; 2338 ac
 Transitional acreage: 137 ha; 339 ac.

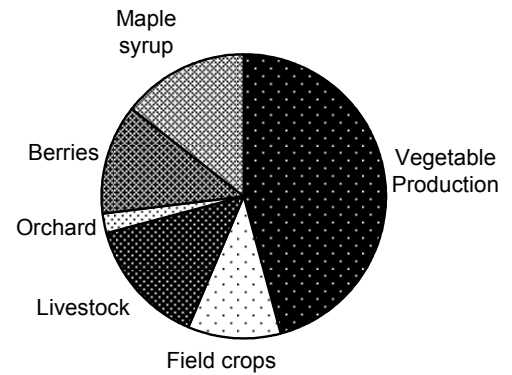
Certified producers - New Brunswick



The following are minimum values and estimates from data available — breakdowns were not provided by all CBs for 2004.

Crop Type	Acres
Mixed vegetables	55
Herbs	3
Misc. Tree fruit	18
Blueberries	439
Mixed grains	45
Oats	100
Wheat	25
Pasture & Hay	2137

Type of Production



LIVESTOCK - data missing

Layers 400; 2 farms
 Broilers 250; 1 farms

Beef 97; 4 farms

Organic Statistics 2004

NOVA SCOTIA

FARMERS

Number certified: 50
 Percentage of total farmers in province: 1.3%
 Percentage of organic farmers in Canada: 1.4%
 Number in transition: 2
 Value of production: unknown

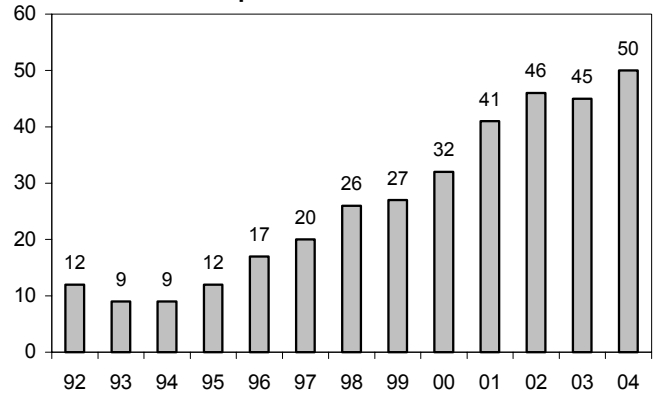
PROCESSING & HANDLING

Certified processors: 16
 Percentage of organic P & H in Canada: 2%

ACREAGE

Acreage in production: 526 ha; 1300 ac.
 Transitional acreage: 202 ha; 500 ac

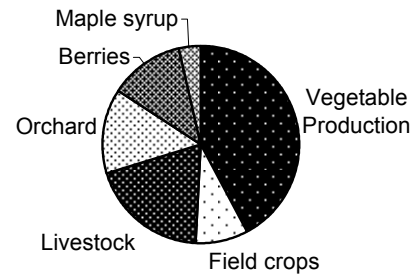
Certified producers - Nova Scotia



The following are minimum values and estimates from data available — breakdowns were not provided by all CBs for 2004.

Crop Type	Acres
Mixed vegetables	77
Asparagus	5
Salad/Lettuce	4
Blueberries	50
Apples	88
Oats	5
Rye	122
Pasture & Hay	827

Type of Production



LIVESTOCK

Beef cattle 140; 4 farms
 Sheep 50; 2 farms
 Pigs - 1 farm
 Goats - 3 farms
 Poultry - 3 farms

Organic Statistics 2004

PRINCE EDWARD ISLAND

FARMERS

Number certified: 26
 Percentage of total farmers in province: 1.4%
 Percentage of organic farmers in Canada: <1%
 Number in transition: 3
 Value of production: unknown

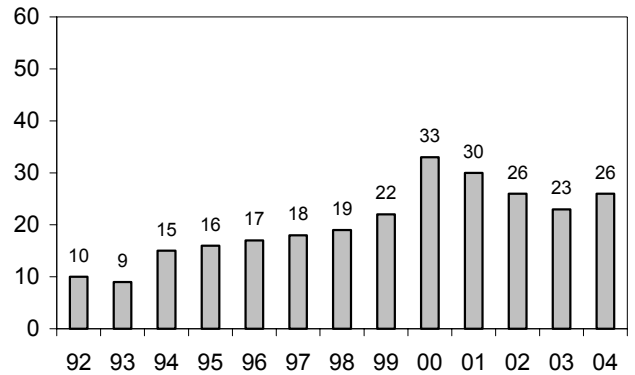
PROCESSING & HANDLING

Certified processors: 2
 Certified handlers & traders: 1
 Percentage of organic P & H in Canada: <1%

ACREAGE

Acreage in production: 378 ha; 934 ac.
 Transitional acreage: 89 ha; 221 ac.

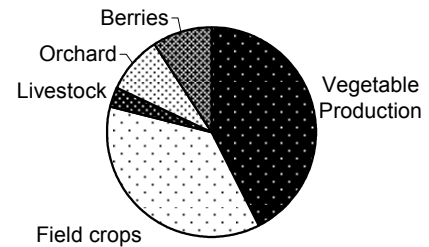
Certified producers - Prince Edward Island



The following are minimum values and estimates from data available — breakdowns were not provided by all CBs for 2004.

Crop Type	Acres
Mixed vegetables	2
Potatoes	84
Cole crops	10
Potatoes	84
Herbs	23
Fruit	5
Mixed grains	12
Barley	12
Oats	360
Soybeans	350
Wheat	101
Clover	12
Pasture & Hay	179

Type of Production



LIVESTOCK

Beef cattle 32; 1 farm

Organic Statistics 2004

NEWFOUNDLAND

FARMERS

Number certified: 2 vegetable producers; 1 berries

Percentage of total farmers in province: 0.4%

Percentage of organic farmers In Canada: <1%

Number in transition: 1

ACREAGE

Acreage in production:

1.4 ha; 3.5 ac vegetables

30.4 ha; 75 ac. Blueberries

Transitional acreage: 12 ha; 30 ac.

Value of production: unknown

YUKON

FARMERS

Number certified: 2 Market gardens

Acreage 8.3 ha; 20.5 acres

Number in Transition: 1

Acreage 16 ha; 40 ac. grains

PROCESSING & HANDLING

Certified processors: 1

Value of production - Unknown

5. SUMMARY CANADA

Organic Statistics 2004 CANADA

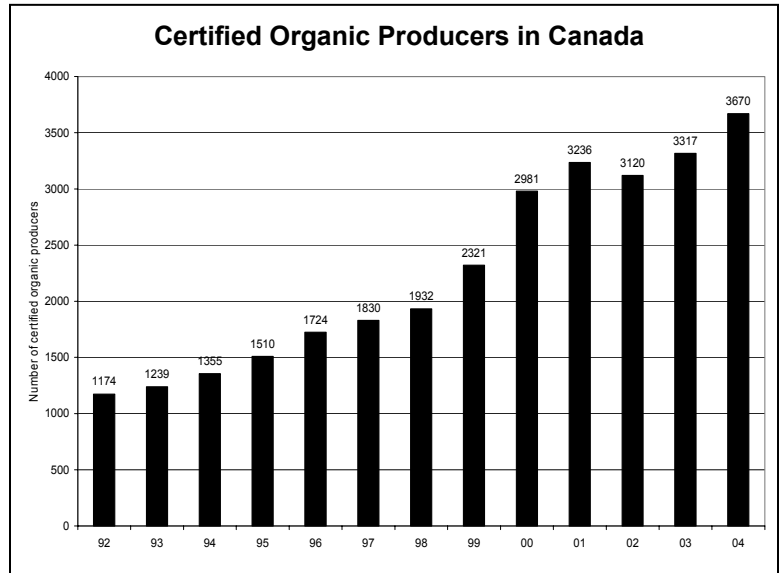
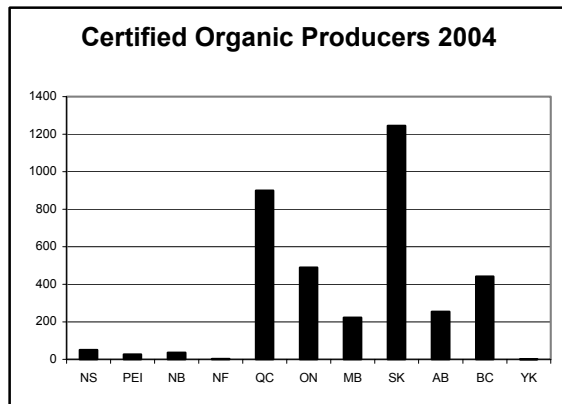
FARMERS

Number certified: 3670

Percentage of total farmers: 1.5%

Number in transition: >258

Value of production: \$250-350 M

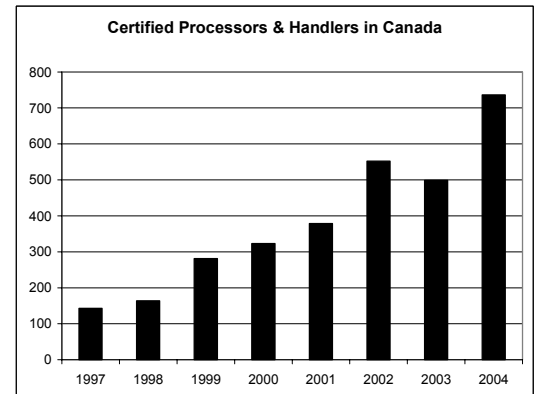


PROCESSORS & HANDLERS

Number certified: 742

Processors - 616

Handlers & traders - 126

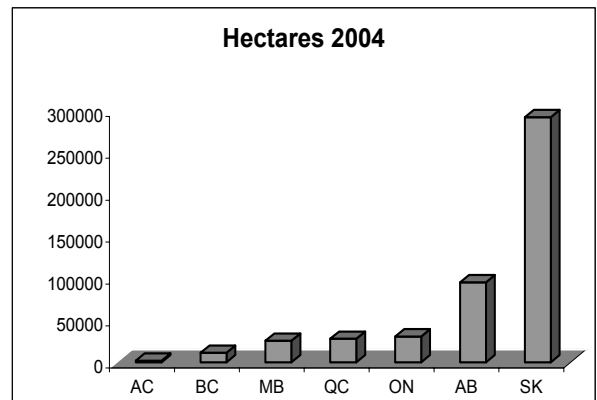


ACREAGE

Acreage in production:
485,288 ha; 1,199,172 ac

Additional acreage in program:
114,197 ha; 282,188 ac.

Transitional acreage:
57,077 ha; 141,040 ac.



AC- Atlantic Canada

CROPS

CROP	Hectares	Acres
Vegetables	2600	6423
Fruit & nuts	2006	4955
Herbs	481	1188
Grains/oilseeds	194201	479677
Forage/pasture/green manure	190558	470678

Data incomplete - Figures are minimum values
Breakdowns not provided by all CBs

Potatoes: 938 ha, 2316 ac. 65% in Saskatchewan
Apples: 581 ha; 1434 ac. 48% in British Columbia
Borage: 352 ha; 869 ac. 92% in Alberta

Wheat: 72560 ha; 179222 ac. 72% in Saskatchewan
Oats: 30493 ha; 75317 ac. 67% in Saskatchewan
Flax: 29777 ha; 73550 ac. 89% in Saskatchewan
Peas and Lentils 15799 ha; 39024 ac. 88% in Saskatchewan
Soybeans: 10472 ha; 25867 ac. 62% in Ontario
Spelt: 3870 ha; 9559 ac. 52% in Ontario

LIVESTOCK & LIVESTOCK PRODUCTS

(Missing data for some organic livestock producers)

Organic Milk Production 2004-2005: 35 million litres
53% Quebec; 29% Ontario; 18% British Columbia

Eggs: 2,314,651 dozen
49% British Columbia; 36% Quebec; 11% Ontario

Meat birds: 48% Quebec; 25% Alberta; 23% British Columbia

Beef cattle: 36% Alberta; 27% Saskatchewan; 12% Ontario

Livestock	Head	Farms
Layers	97459	83
Broilers	201447	63
Turkeys	5176	18
Duck	2584	6
Geese	200	4
Guinea	500	1
Ostrich	445	3
Sheep	6585	41
Beef Cattle	20779	361
Dairy Cattle	8073	107
Dairy Goat	1080	18
Pigs	6087	37
Wild boar	47	2
Bison	651	12
Deer	124	5
Alpaca	16	1
Rabbit	365	2
Bees (hives)	1648	12