Canadian Organic Growers

Certified Organic Production in Canada 2005

Prepared for Canadian Organic Growers

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Canada

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1. INTRODUCTION AND METHODOLOGY

Canadian Organic Growers has tracked the growth in the number of certified organic farms and processors since 1992. In recent years, attempts have been made to collect more detailed information on acreage in organic production, livestock operations and the value of production.

All organic certification bodies (CBs) known to be operating in Canada in 2005 were contacted (see Appendix A). Information was requested on numbers and types of certified operations, acreage, livestock and production values for each province where the CB is active. CBs were offered financial assistance to help with the extraction of the data from their files or database. COG also received assistance from the CAAQ in Quebec, COABC in British Columbia and ACORN in Atlantic Canada.

Compiling organic production statistics continues to be a challenge for some CBs and a few choose not to provide the detailed information requested. In the case of QAI the information obtained was limited to that available from their public access database. When crop breakdowns were not provided by the CB, attempts were made to collect additional information from individuals if contact information was known.

Figures presented in acreage and livestock tables are known amounts not total amounts. Although there are gaps, obtaining the information from the CBs still appears to be the most efficient and reliable method of collecting the data. A 50% response rate can be expected when contacting individuals.

The most elusive figures are those for the value of production because the majority of CBs do not collect data on sales. Value of production has been obtained in several different ways:

- Total production value provided by the CB;
- Estimates based on the number in each CB's membership category where fees paid correspond to gross sales categories; and
- Value of production for various commodities where the quantity of production is known.

In 2006 the Canadian Census of Agriculture included questions on organic production for the first time. It will be interesting to see how the data compare when the Statistics Canada figures are released in 2007.

Canadian Organic Growers would like to thank all the certification bodies and individuals who provided information for this report.

2. PRODUCTION

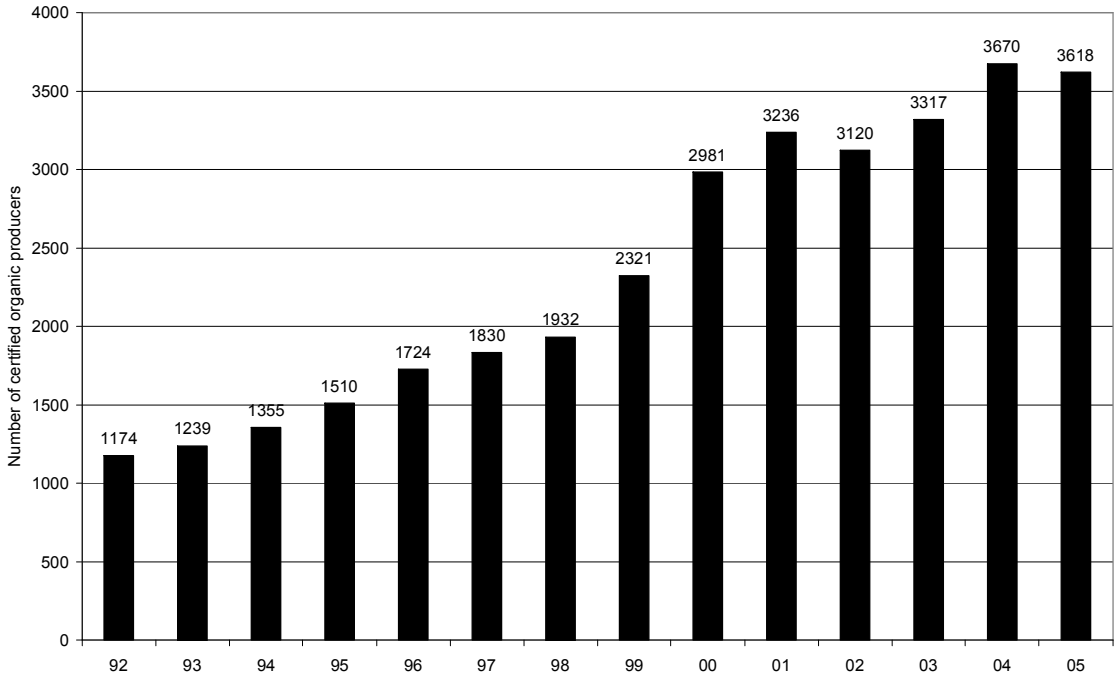
2.1 Number of Certified Organic Farms.

The total number of certified organic farms in Canada reported by the certifiers for 2005 was 3618; down from the 3670 reported in 2004. There are two main reasons for the decline:

1) A 27% reduction in the number of maple syrup producers in Quebec with numbers down to 308 from the 424 reported the previous year. At the same time the number of farms with crops and livestock in Quebec increased by 6.7% to 508 from the 476 reported in 2004 (data supplied by CAAQ); and

2) A small decline in numbers of certified producers was reported in both Saskatchewan and Alberta. Discussions with individuals revealed that some organic farmers on the Prairies, as well as conventional farmers, are giving up farming because poor growing conditions (drought) and low prices do not provide enough income to overcome the debt load or returns do not justify continuing.

Figure 1: Number of certified producers (farms) in Canada 1992-2005



From 2004 to 2005 the highest rate of increase occurred in British Columbia which reported 484 farms, a 9.5% increase from the previous year. For the second year in a row British Columbia reported the highest number of farms with transitional status (108 farms). However transition numbers were not reported by all CBs – Quebec for example could have considerably more than the 24 reported.

Numbers remain static in the Maritimes. Although there are new entries, smaller farms are dropping certification to reduce costs once they have an established customer base according to Beth McMahon of ACORN. She anticipates more interest in certification once there is a national regulation. Eight more farms were certified in Ontario in 2005 compared with 2004.

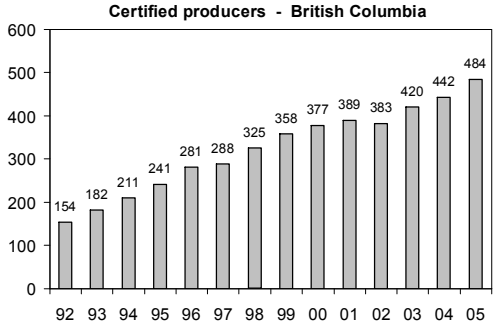
Table 1: Certified Organic Producers in Canada 2005

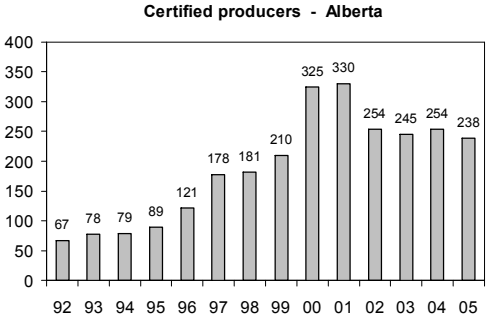
PROVINCE	Number of Producers	Percentage increase/decrease since 2004	Number in transition	Percentage of total farms
British Columbia	484	9.5	108	2.8
Alberta	238	- 4.7	7	0.5
Saskatchewan	1230	-1.2	31	2.5
Manitoba	232	4	24	1.2
Ontario	497	1.6	34	0.9
Quebec	816	- 9.3	24	2.7
New Brunswick	36	0	1	1.4
Nova Scotia	50	0	5	1.5
Prince Edward Island	29	11.5	5	1.7
Newfoundland	4	25	0	0.8
Yukon	2	0	2	
Total	**3618**		**241**	**1.5**

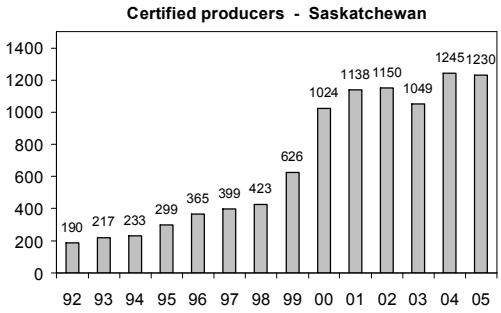
Wild rice harvesters are included in the totals: 141 in Saskatchewan, 18 in Manitoba and 1 in Ontario.

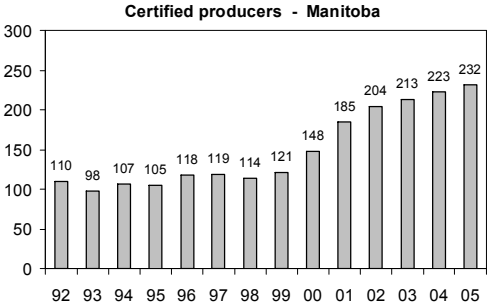
The percentage of total farms is included as a category because it is a question often asked, but it is likely the figures are out of date. The comparisons are with the 2001 Statistics Canada Census data for farms with gross income over $2499 and it is expected these percentages will be higher once the 2006 Census data are available for comparison.

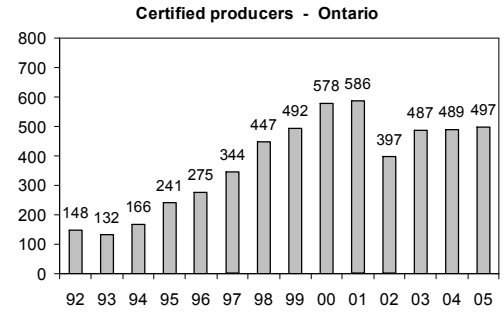
Figure 2:
Number of certified producers
Provincial totals 1992-2005
Source: Data collected by Canadian Organic Growers

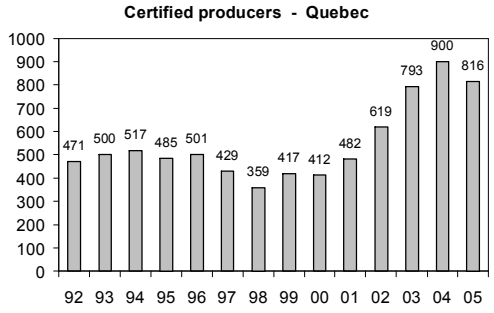


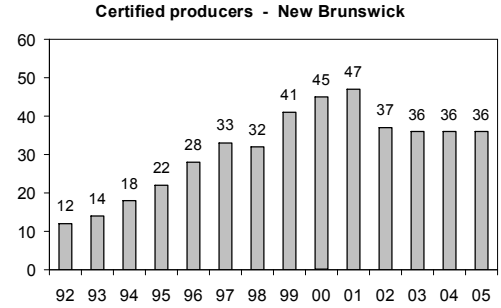


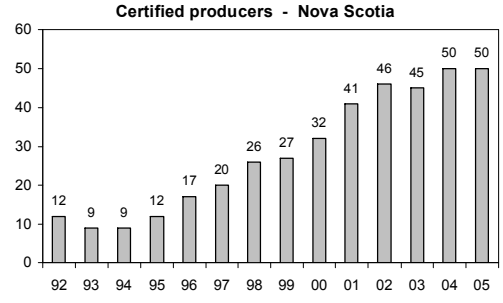


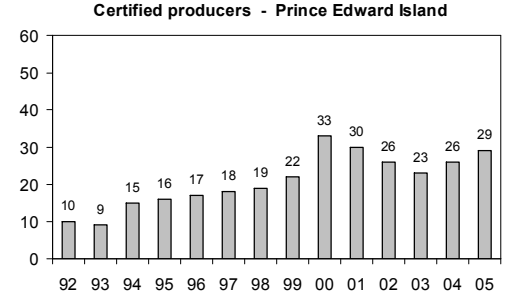












2.2 Type of Farm Operation

Organic farm operations reflect the bioregional diversity across the country in the same way as conventional agriculture. For example the majority of the organic farms on the Prairies are producing grains and pulses, organic dairy producers are found mainly in Quebec and Ontario and most of the certified tree fruit production is in the interior of British Columbia.

For the first time in 2005 certifiers were asked how many certified farms operated a CSA. CSA is the term used for a farm with a box program for direct sales and is short for either Community Supported Agriculture or Community Shared Agriculture depending on one's perspective. There are at least 85 CSAs on certified organic farms in Canada. Only a few CBs provided information so these numbers are considered minimums. Additional numbers for Ontario, Quebec and the Maritimes were obtained from various listings on the web (www.acornorganic.org; www.cog.ca; www.biodynamics.com; www.equiterre.org). Operators listed were only included in the totals if the certified status of the operator was known.

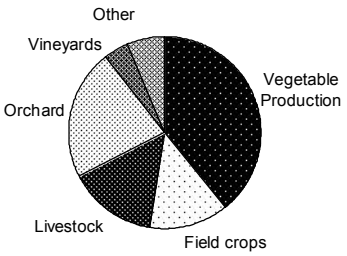
Table 2 indicates the number of farm enterprises reported. One farm may have more than one enterprise such as those producing livestock products as well as vegetables. Some CBs did not provide information on farm type for 2005, therefore estimates were used based on data provided in 2004. The vegetable category includes both market gardens with a mix of fruit and vegetables and large scale vegetable farms growing only a few types of crop.

Table 2: Type of Organic Farm Enterprise

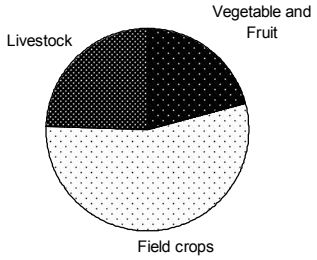
Type of Enterprise	Total	BC	AB	SK	MB	ON	QC	NB	NS	PEI	NF	YK
Vegetable production	**733**	247	54	12	32	132	184	22	28	18	2	2
Field crops- grains, oilseeds	**2077**	85	142	1063	160	369	232	8	6	11		1
Livestock	**590**	95	60	92	30	141	145	7	15	5		
Orchard	**196**	138	1	3		24	17	1	8	4		
Berries	**80**	19	2			15	24	7	9	3	1	
Vineyard	**33**	26				6	1					
Maple syrup	**317**					3	308	5	1			
Mushroom	**18**	13				2		2		1		
CSA	**60**	18	2			10	55	1	1	1	1	1

Figure 3:
TYPE OF PRODUCTION

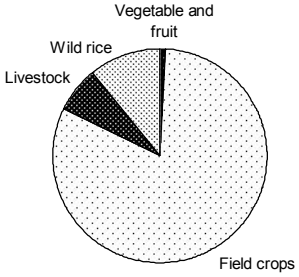
British Columbia



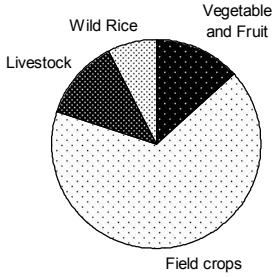
Alberta



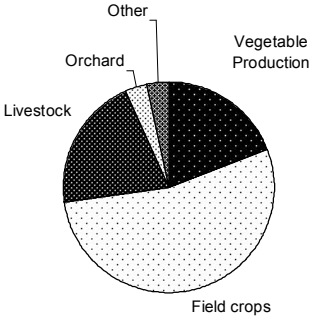
Saskatchewan



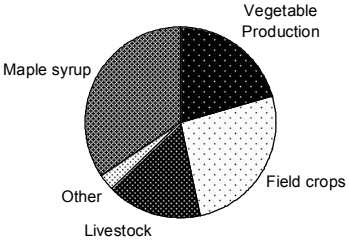
Manitoba



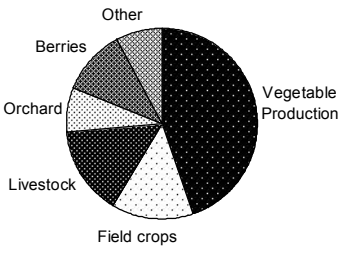
Ontario



Quebec



Atlantic Canada



2.3 Acreage in Organic Production

In 2005 there were at least 530,919 hectares (1,311,929 acres) in organic production in Canada with an additional 47,955 hectares (118,500 acres) of transitional land being farmed organically. These figures represent a five percent increase from 2004.

Table 3: Acreage in Organic Production 2005

Province	Certified Land in Production		Wild land in program		Transitional land	
	Hectares	Acres	Hectares	Acres	Hectares	Acres
NS	842	2080	0	0	155	383
PEI	407	1005	0	0	179	442
NB	1601	3956	368	909	213	527
NF	18	45	0	0	0	0
QC	27933	69024	565	1396	1199	2962
ON	33174	81974			5502	13595
MB	27498	67948	129	320	191	472
SK	295487	730164	10454	25833	35076	86674
AB	130476	322414	11424	28229	1734	4285
BC	13387	33079	100541	248443	3557	8789
YK	97	240	47	117	150	371
Total	**530919**	**1311929**	**123529**	**305247**	**47955**	**118500**

Numbers presented above should be used with caution. Data are known to be missing from several producers in Ontario and the Maritimes and 10 producers in Quebec. One certifier in Saskatchewan provided a rough estimate only. It is also possible that some areas included in the provincial totals more correctly should be considered “wild land”.

The wild land category includes community range lands, woodlots, riparian areas and other wild lands on organic farms. In most cases CBs known to be certifying syrup producers did not provide data on the area of maple forest so this is not included in either category. Similarly acreage of land used for the collection of wild crops such as blueberries or herbs was not always identified as such and wild land harvested for blueberries is missing from the Quebec data.

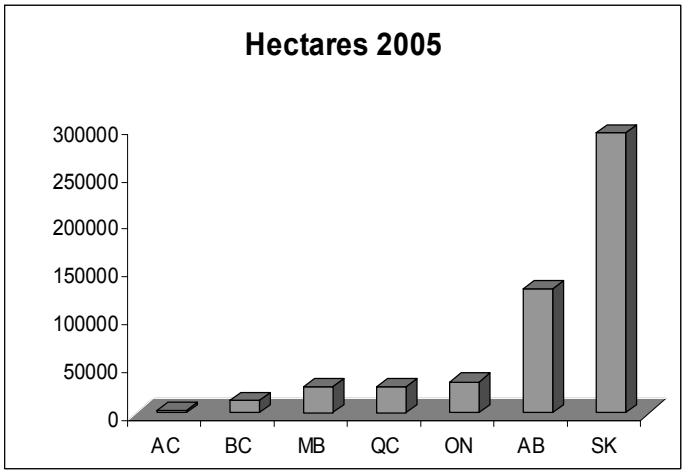


Figure 4: Land in organic production by province.

AC: Atlantic Canada

Some CBs were unable to provide breakdowns by crop type, therefore crop acreage reported in Tables 4, 5, 7 and 9 should generally be considered a minimum. Shaded boxes indicate significant missing data. In the case of Quebec, data are missing for over 50% of the farms with crops. Discrepancies between hectares and acres in the tables can be attributed to the rounding of figures.

2.3.1 Vegetables and Herbs

A total of 2,092 hectares (5,170 acres) were reported in vegetable production in 2005, but the acreage in Quebec is probably at least twice that reported. The acreage of individual crops is not the total acreage of that crop in a province – some CBs provided detailed breakdowns, others did not. There were also differences in how vegetable production was reported. 'Mixed vegetables' include market gardens with mixed fruit and vegetable production as well as larger scale operations with only a few crops. "Greenhouse" includes propagation greenhouses as well as greenhouse vegetables, and both large scale producers and smaller operators who have a greenhouse as part of a mixed operation.

The majority of organic vegetable production is found in British Columbia, Quebec and Ontario. In British Columbia the 926 hectares (2,288 acres) reported represents a 16% increase from 2004 figures.

Table 4a: Organic Vegetable Production – Acres 2005

Product	BC	AB	SK	MB	ON	QC	NB	NS	PE	NL	YK	Canada
Mixed vegetables	774	109	9	1	525	497	32	73	13	34	11	**2075**
Large scale vegetables	165											**165**
Asparagus					81							**81**
Artichokes						4						**4**
Beets	5	3										**8**
Broccoli	104				40							**144**
Carrots	44				36							**79**
Dandelion					3							**3**
Garlic	15	2			47			1				**64**
Green beans	493				3							**495**
Onions	2		4		49							**55**
Lettuce					16							**16**
Mushrooms	1				4							**5**
Peppers	5				2							**7**
Potatoes	457	44	184	84	126	102	7	13	209	2		**1229**
Pumpkin					14							**14**
Salad Greens	29											**29**
Squash	16				51		1	0				**68**
Sweet corn	3				22							**25**
Tomatoes	4				139	2				0		**145**
Zucchini					6							**6**
Vegetable seed	4						3					**7**
Greenhouse	71				4	0	1	2	0	0		**78**
Fruit and vegetables	98	50	3	152			6					**309**
Nursery	60							0				**60**
Total	**2348**	**208**	**200**	**237**	**1167**	**605**	**49**	**89**	**222**	**35**	**11**	**5170**

(0 represents <0.5 acres reported)

Table 4b: Organic Mixed Vegetable Production – Hectares 2005

Product	BC	AB	SK	MB	ON	QC	NB	NS	PE	NL	YK	Canada
Mixed vegetables	313	44	4	0	212	201	13	30	5	14	4	**840**
Large scale vegetables	67											**67**
Asparagus					33							**33**
Artichokes						2						**2**
Beets	2	1										**3**
Broccoli	42				16							**58**
Carrots	18				15							**32**
Dandelion					1							**1**
Garlic	6	1			19			0				**26**
Green beans	199				1							**200**
Onions	1		2		20							**22**
Lettuce					6							**6**
Mushrooms	0				2							**2**
Peppers	2				1							**3**
Potatoes	185	18	74	34	51	41	3	5	84	1		**497**
Pumpkin					6							**6**
Salad Greens	12											**12**
Squash	6				21		0	0				**27**
Sweet corn	1				9							**10**
Tomatoes	1				56	1				0		**59**
Zucchini					2							**2**
Vegetable seed	1						1					**3**
Greenhouse	29				2	0	0	1	0	0		**32**
Fruit and vegetables	40	20	1	61			2					**125**
Nursery	24							0				**24**
Total	**950**	**84**	**81**	**96**	**472**	**245**	**20**	**36**	**90**	**14**	**4**	**2092**

(0 represents <0.5 hectares reported)

Culinary and medicinal herbs are grown on 862 hectares (2,129 acres). The crop with the largest acreage is borage with 388.5 hectares (960 acres) grown for essential oil production by eleven producers in Alberta and Saskatchewan. It is not known if the dandelion reported in Table 4b is grown for salad greens or medicinal purposes.

Other specialty crops not shown in the tables are:
Hops – 0.4 hectares, (1 acre) reported in British Columbia.
Tobacco – 5.5 hectares (13.5 acres) reported in Ontario.

Table 5a: Organic Herb Production – Acres 2005

Product	BC	AB	SK	MB	ON	QC	NB	NS	PE	Canada
Herbs	93.7	35.5	18.0	2.0	0.5		0.1	1.5		**151.3**
Medicinal Herbs	237.0				29.0	0.5				**266.5**
Herbs & vegetables							6.0			**6.0**
Astragalus					7.0					**7.0**
Black Cohosh					5.3					**5.3**
Borage		743.0	217.0							**960.0**
Caraway			220.0	17.5						**237.5**
Echinacea	1.0	7.0	8.0		36.9				3.5	**56.4**
False Unicorn					0.8					**0.8**
Fenugreek			334.0							**334.0**
Ginseng					5.6					**5.6**
Goldenseal					6.1					**6.1**
Milk Thistle					2.0				8.9	**10.9**
Mint			1.0							**1.0**
Poppies			2.0							**2.0**
Scullcap					9.5					**9.5**
Sea buckthorn	2.5		47.0	19.6						**69.1**
Wasabi	1.0									**1.0**
Total	**335.2**	**785.5**	**847.0**	**39.1**	**102.6**	**0.5**	**6.1**	**1.5**	**12.4**	**2129.9**

Table 5b: Organic Herb Production – Hectares 2005

Product	BC	AB	SK	MB	ON	QC	NB	NS	PE	Canada
Herbs	37.9	14.4	7.3	0.8	0.2		0.0	0.6		**61.2**
Medicinal Herbs	95.9				11.7	0.2				**107.9**
Herbs & vegetables							2.4			**2.4**
Astragalus					2.8					**2.8**
Black Cohosh					2.1					**2.1**
Borage		300.7	87.8							**388.5**
Caraway			89.0	7.1						**96.1**
Echinacea	0.4	2.8	3.2		14.9				1.4	**22.8**
False Unicorn					0.3					**0.3**
Fenugreek			135.2							**135.2**
Ginseng					2.3					**2.3**
Goldenseal					2.4					**2.4**
Milk Thistle					0.8				3.6	**4.4**
Mint			0.4							**0.4**
Poppies			0.8							**0.8**
Scullcap					3.8					**3.8**
Sea buckthorn	1.0		19.0	7.9						**28.0**
Wasabi	0.4									**0.4**
Total	**135.7**	**317.9**	**342.8**	**15.8**	**41.5**	**0.2**	**2.5**	**0.6**	**5.0**	**861.9**

2.3.2 Fruit and Nuts

British Columbia has the largest acreage in organic fruit trees with 441 hectares (1089 acres) reported of which at least 264 hectares (652 acres) are apples. Apples also probably make up a significant portion of the 108 hectares (265 acres) reported as tree fruit as well as a portion of the fruit and vegetable category. Although the 9.4 hectares (23 acres) of cherries is less than that reported in 2004, there was an error in 2004 data when transitional acreage was mistakenly included. Cherry acreage is likely to increase in the future now that a Spinosad product has been approved for cherry fruit fly control. 138 farms are producing tree fruit of some kind.

In Ontario tree fruit production is predominantly apples with 311.5 hectares (770 acres) on 18 farms. Data from Nova Scotia and Quebec is incomplete so comparisons can not be made for these provinces.

Total figures for berry production are misleading because large acreages are missing from Quebec and data are also missing from the Maritimes. It is known that in 2004 blueberries were harvested from 631 hectares (1558 acres) and cranberries from 107 hectares (265 acres) in Quebec and there is no reason to think these producers are no longer operating. Blueberry production is increasing in British Columbia and in the Atlantic provinces.

Almost all the organic nuts come from British Columbia with 61.6 hectares (152 acres) reported compared with 2.4 hectares (6 acres) in Ontario. The total of 64 hectares (158 acres) represents a 44% increase since 2004.

Table 6a: Nut trees – Acres 2005

Product	BC	ON	Canada
Nuts	45.5		**45.5**
Chestnuts	5.0		**5.0**
Hazelnuts	91.0	4.0	**95.0**
Pine nuts		2.0	**2.0**
Walnuts	10.7		**10.7**
Total	**152.2**	**6.0**	**158.2**

Table 6b: Nut trees – Hectares 2005

Product	BC	ON	Canada
Nuts	18.4		**18.4**
Chestnuts	2.0		**2.0**
Hazelnuts	36.8	1.6	**38.4**
Pine nuts		0.8	**0.8**
Walnuts	4.3		**4.3**
Total	**61.6**	**2.4**	**64.0**

Table 7a: Organic Fruit Production – Acres 2005

Product	BC	AB	SK	MB	ON	QC	NB	NS	PE	NL	Canada
Tree fruits	265.8				4.8		0.1	43.5			**314.2**
Apples	652.4				769.7		6.1	67.8	0.3		**1496.2**
Crab apples		3.0									**3.0**
Apricots	20.0										**20.0**
Cherries	23.2		8.0		0.4						**31.5**
Chokecherries			1.0								**1.0**
Nectarines	7.7										**7.7**
Peaches	42.9				0.4						**43.3**
Pears	61.1				4.0			0.5			**65.6**
Plums/Prunes	15.8										**15.8**
Small Fruit	29.2	3.0	19.0			4.2	0.3		2.1		**57.8**
Blackberries	5.5										**5.5**
Blackcurrants	10.0	9.0									**19.0**
Blueberries	59.7				0.3		91.0	57.8	3.9	10.0	**222.6**
Cranberries					1.8		60.7				**62.5**
Elderberries					100.0						**100.0**
Raspberries	30.0	1.1	3.0		1.5		6.0		0.1		**41.7**
Saskatoon Berries		0.1	6.0								**6.1**
Strawberries	4.2				23.5	2.5		2.0	0.3		**32.4**
Grapes	142.5				27.6						**170.1**
Melons	9.5				16.5						**26.0**
Fruit & vegetables	98.0	50.2	3.0	151.7			6.0				**308.9**
Total	**1477.2**	**66.4**	**40.0**	**151.7**	**950.2**	**6.7**	**170.2**	**171.6**	**6.6**	**10.0**	**3050.6**

Table 7b: Organic Fruit Production – Hectares 2005

Product	BC	AB	SK	MB	ON	QC	NB	NS	PE	NL	Canada
Tree fruits	107.6				1.9		0.0	17.6			**127.1**
Apples	264.0				311.5		2.5	27.4	0.1		**605.5**
Crab apples		1.2									**1.2**
Apricots	8.1										**8.1**
Cherries	9.4		3.2		0.1						**12.8**
Chokecherries			0.4								**0.4**
Nectarines	3.1										**3.1**
Peaches	17.3				0.2						**17.5**
Pears	24.7				1.6			0.2			**26.5**
Plums/Prunes	6.4										**6.4**
Small Fruit	11.8	1.2	7.7			1.7	0.1		0.8		**23.4**
Blackberries	2.2										**2.2**
Blackcurrants	4.0	3.6									**7.7**
Blueberries	24.1				0.1		36.8	23.4	1.6	4.0	**90.1**
Cranberries					0.7		24.6				**25.3**
Elderberries					40.5						**40.5**
Raspberries	12.1	0.4	1.2		0.6		2.4		0.0		**16.9**
Saskatoon Berries		0.0	2.4								**2.5**
Strawberries	1.7				9.5	1.0		0.8	0.1		**13.1**
Grapes	57.6				11.2						**68.8**
Melons	3.8				6.7						**10.5**
Fruit & vegetables	39.7	20.3	1.2	61.4			2.4				**125.0**
Total	**597.8**	**26.9**	**16.2**	**61.4**	**384.5**	**2.7**	**68.9**	**69.4**	**2.7**	**4.0**	**1234.5**

2.3.3. Grains and Oilseeds

In 2005 at least 230,578 hectares (569,710 acres) were planted in organic grains and oilseeds in Canada. Saskatchewan had the largest acreage with 172,195 hectares, (425,503 acres), followed by Alberta with 26,579 hectares (65,678 acres), Ontario with 17,267 hectares (42,668 acres) and Manitoba with 9,893 hectares (24,447 acres). Missing are data from approximately 6% of producers in Saskatchewan known to be growing grains so actual acreage of these crops will be higher than that reported in Table 9. Data are also missing from about 50% of Quebec farms and from some farms in Atlantic Canada and Ontario.

The most important crop in terms of acreage planted is wheat (including Durum) with 75,816 hectares (187,345 acres) - a 4.5% increase from 2004. Acreage increased for almost all crops reported. Oats were up 22% to 37,231 hectares (92,000 acres); flax up 10% to 32,745 hectares (80,936 acres); barley up 70% to 15,493 hectares (38,283 acres), spelt up I6% to at least 4,498 hectares (11,115 acres) and hemp by 225% to 2140 hectares (5,288 acres). The acreage for soybeans is lower than reported in 2004 but probably only because data are missing from Quebec. Only 26 hectares (65 acres) of sunflowers were reported but based on information from previous years there are producers growing sunflowers in Quebec which are not included in the 2005 data. The corn reported for BC is both forage corn and sweet corn and the amount of each is unknown.

The majority of organic crops grown represent less than 1% of the total acreage of that crop seeded in 2005. Exceptions are lentils 1.7%, oats 2% and flax 3.9%.

The increase in organic wheat acreage over the last few years has not translated into increased quantities of wheat sold according to the figures provided by the Canadian Wheat Board (the most recent data are for the 04/05 crop year). Harvests have been affected by poor growing conditions and sales by a reduced amount of high protein wheat.

Of the 37,947 MT reported for 04/05, 48.5 % was sold to Europe, 32% to the US and 18% to the domestic market.

Table 8: Organic Wheat Sold by the Canadian Wheat Board
Wheat Includes wheat and Durum

Crop Year	00/01	01/02	02/03	03/04	04/05
MT	34,630	45,672	49,677	?	37,947

Table 9a: Organic Grains and Oilseeds – Acres 2005

Product	BC	AB	SK	MB	ON	QC	NB	NS	PE	Canada
Wheat/Durum	392	20276	155163	7678	3015	664	35	20	103	**187345**
Oats	859	15561	67261	4955	2559	659	50		97	**92000**
Flax	65	5090	70433	4819	496	33				**80936**
Barley	519	6609	24919	1414	2230	2583	10			**38283**
Lentils		195	36717	10						**36922**
Peas	68	2532	26375	429	954	20				**30377**
Soybeans			16	352	16505	2935		5	110	**19922**
Rye	131	4201	9854	2373	845	250		108	20	**17782**
Spelt	61	2320	1302	323	6973	117	9		10	**11115**
Kamut		1038	7510	2	4					**8554**
Spelt & Kamut		64	7454							**7518**
Corn	300	65			4526	735	10			**5635**
Hemp	10	765	2911	1340	262					**5288**
Rye & Triticale			4587							**4587**
Mustard		262	3520	130						**3912**
Cereals		3212					12	121		**3345**
Mixed grain		150	125		2872	12			23	**3182**
Mustard & Canary Seed			2966							**2966**
Buckwheat	22	35	935	322	1151	229		22	25	**2741**
Canola		1609	508							**2117**
Cereal/peas		147	1358		83					**1588**
Triticale	1	1303	195	45	29					**1572**
Millet		55	472	178	47					**752**
Other pulses		30	135	7	104					**276**

Table 9b: Organic Grains and Oilseeds – Hectares 2005

Product	BC	AB	SK	MB	ON	QC	NB	NS	PE	Canada
Wheat/Durum	158	8205	62792	3107	1220	269	14	8	42	**75816**
Oats	348	6297	27219	2005	1036	267	20		39	**37231**
Flax	26	2060	28503	1950	201	13				**32754**
Barley	210	2674	10084	572	902	1045	4			**15493**
Lentils		79	14859	4						**14942**
Peas	27	1024	10674	174	386	8				**12293**
Soybeans			6	142	6679	1188		2	45	**8062**
Rye	53	1700	3988	960	342	101		44	8	**7196**
Spelt	25	939	527	131	2822	47	4		4	**4498**
Kamut		420	3039	1	1					**3462**
Spelt & Kamut		26	3017							**3042**
Corn	121	26			1831	297	4			**2280**
Hemp	4	310	1178	542	106					**2140**
Rye & Triticale			1856							**1856**
Mustard		106	1424	53						**1583**
Cereals		1300					5	49		**1354**
Mixed grain		61	51		1162	5			9	**1288**
Mustard & Canary Seed			1200							**1200**
Buckwheat	9	14	378	130	466	93		9	10	**1109**
Canola		651	206							**857**
Cereal/peas		59	550		34					**643**
Triticale	0	527	79	18	12					**636**
Millet		22	191	72	19					**304**
Other pulses		12	55	3	42					**112**

2.3.4 Forages, Pasture, Green Manures and Other Land Use.

There was a great deal of variation in the way these crops were reported so figures cannot be considered total areas for each type listed. Crops grown for seed are not necessarily differentiated from those grown for feed or plow down. Clover includes all types.

Table 10a: Forages, Pasture and Green Manure Crops – Acres 2005

Product	BC	AB	SK	MB	ON	QC	NB	NS	PE	YK	Canada
Alfalfa	88	3208	17051	368	966						**21681**
Alfalfa/grass		414	6406								**6820**
Birds-foot Trefoil			45								**45**
Sainfoin			670	90							**760**
Grass		2136	4389		273						**6798**
Brome		107	550								**657**
Timothy		132									**132**
Fescue			35	92							**127**
Green manures	1444	5917	30127	486	70	416					**38460**
Clover	26	2095	7242	2507	2020	27		9			**13925**
Medic			1248								**1248**
Vetch			966	19							**985**
Fallow		22217	70491	243	585	3	4	110	40		**93692**
Greenfeed		520	201								**721**
Sorghum				18	17	19					**54**
Silage		612	200								**812**
Hay	200	18618	14257	677	14578	955	1021	597	174		**51076**
Hay and forage crops	3327	14816	36385	46654	224	13					**101418**
Hay/Pasture	16947	4872	3520		1949	6368	1887			190	**35733**
Native Pasture	22	14151	4631								**18804**
Pasture	1710	67373	45151		7197	4123	483	190	30		**126256**
Permanent pasture	38	13792	8415	30	130						**22405**
Total	**23802**	**170980**	**251980**	**51184**	**28008**	**11924**	**3394**	**906**	**243**	**190**	**542608**

Table 10b: Forages, Pasture and Green Manure Crops - Hectares 2005

Product	BC	AB	SK	MB	ON	QC	NB	NS	PE	YK	Canada
Alfalfa	36	1298	6900	149	391						**8774**
Alfalfa/grass		168	2592								**2760**
Birds-foot Trefoil			18								**18**
Sainfoin			271	36							**308**
Grass		864	1776		110						**2751**
Brome		43	223								**266**
Timothy		53									**53**
Fescue			14	37							**51**
Green manures	584	2395	12192	197	28	168					**15564**
Clover	11	848	2931	1014	817	11		3			**5635**
Medic			505								**505**
Vetch			391	8							**399**
Fallow		8991	28527	98	237	1	1	45	16		**37916**
Greenfeed		210	81								**292**
Sorghum				7	7	8					**22**
Silage		248	81								**329**
Hay	81	7534	5770	274	5900	386	413	242	70		**20670**
Hay and forage crops	1346	5996	14724	18880	90	5					**41042**
Hay/Pasture	6858	1972	1424		789	2577	764			77	**14461**
Native Pasture	9	5727	1874								**7610**
Pasture	692	27265	18272		2912	1669	195	77	12		**51094**
Permanent pasture	15	5581	3405	12	53						**9067**
Total	**9632**	**69193**	**101972**	**20713**	**11334**	**4825**	**1373**	**366**	**98**	**77**	**219586**

Organic farms include land other than crop land and in some cases this was reported by the CBs. Table 11 provides this additional information but it should not be considered a total amount in any category. The acreage of maple trees used for syrup production is but a small percentage of the total and the area of lakes which are harvested for wild rice only represents lakes used by a few of the operators. Also missing is all the wild blueberry land in Quebec. It is not known if the wooded areas reported in Alberta are also used as cattle range. See also Table 3 for total amounts of wild land in organic certification programs.

Table 11a: Other Land Use – Acres 2005

Product	BC	AB	SK	MB	ON	QC	NB	NS	Canada
Maple					0	882	926	33	**1841**
Trees		3			5				**8**
Christmas trees	24			10					**34**
Timber	80								**80**
Wild land for harvesting	4	1414	94						**1512**
Wild rice			1400	2705	2495				**6600**
Woodlands		7366			68				**7434**
Land		2406	880			5			**3291**
Wetlands		200	219						**419**
Total	**108**	**11389**	**2593**	**2715**	**2568**	**887**	**926**	**33**	**21220**

B

Table 11b: Other Land Use – Hectares 2005

Product	BC	AB	SK	MB	ON	QC	NB	NS	Canada
Maple					0	357	375	13	**745**
Trees		1			2				**3**
Christmas trees	10			4					**14**
Timber	32								**32**
Wild land for harvesting	2	572	38						**612**
Wild rice			567	1095	1010				**2671**
Woodlands		2981			28				**3008**
Land		974	356			2			**1332**
Wetlands		81	89						**170**
Total	**44**	**4609**	**1049**	**1099**	**1039**	**359**	**375**	**13**	**8587**

2.4 Maple Syrup Production

As previously mentioned, the number of syrup producers in Quebec dropped by 27% from 2004 to 2005. Production was considerably lower with numbers for organic bulk syrup reported by Marc-André Côté at the Fédération d'agriculture biologique du Québec (FABQ) as follows:

2003*: 11.0 M pounds (372 producers)
2004: 12.3 M pounds (424 producers)
2005: 7.9 M pounds (318 producers)

* This value is higher than that previously reported for 2003. The data were obtained from a different source. It is not known which source is correct.

The value of the bulk syrup is estimated at $15 M ($2.10/lb). This represents 90% of total organic production with the additional 10% being farm gate sales.

Three reasons for the decline were given:

- A quota system was put in place;
- 2005 was a poor year for syrup; and
- Less demand for 'organic' syrup corresponded to a drop in premiums so there was less interest in certification.

Some information on the number of taps and area of maple forest was reported, but it represents data from only a small percentage of the organic syrup producers: 745 hectares, (1841 acres) of maple trees (<10%); 376,444 taps (<5%).

2.5 Livestock on Organic Farms

Numbers in Table 12 include animals in all stages of production; for example dairy cattle include milking cows and heifers; pigs include sows, boars and market hogs. Quebec numbers are minimums in all cases because data are missing for over 50% of the organic farms in the province. Poultry numbers in Ontario are known to be missing data. According to the Chicken Farmers of Ontario organic producers have 156,275 quota units. Numbers from the Atlantic provinces are also incomplete. Cattle numbers in Alberta and Saskatchewan include estimates from one CB based on 2004 numbers rather than the actual numbers in 2005 and data are missing from another CB.

Table 12: Organic Livestock – number of head reported

Product	BC	AB	SK	MB	ON	QC	NB	NS	PE	YK	Canada
Beef Cattle	2374	10288	7172	2198	3189	1628	48	205	59		**27161**
Bison	88	612	340	140		80					**1260**
Dairy Cattle	1823	48			3988	1222				36	**7117**
Dairy Goats	564	31	12		18	149		18		31	**823**
Sheep	2770	885	300	23	1020	2682		36			**7716**
Dairy Sheep	150										**150**
Pigs	578	865	525	174	623	2598	20	125			**5508**
Wild Boar					45						**45**
Elk		3	68								**71**
Fallow deer	14										**14**
Rabbits					95	500					**595**
Bee hives		1240				1091					**2331**
Poultry							2500	16	640		**3156**
Layers	71208	17454	420	423	28906	1050	180	100	20		**119761**
Meatbirds/Broilers	123021	69700	0	158700	6465	105853					**463739**
Roosters					580						**580**
Turkeys	1166	2307	0	10	50	1202	100			50	**4885**
Wild turkeys		47									**47**
Guinea fowl						2200					**2200**
Ducks	362	1300			499	3233		50			**5444**
Geese				12	200	250					**462**

Even with the missing data, there is a clear trend of increasing organic livestock numbers across the country for several livestock types. From 2004 to 2005 the beef herd increased by 30%; sheep numbers by 19%; layers by 20% and broilers by 56%. However for all organic livestock categories, the numbers are still less than 1% of the Canadian total and most are less than 0.05%.

From the number of laying hens reported there was an estimated 2857 thousand dozens organic eggs produced in 2005 – approximately 0.5% of the Canadian total.

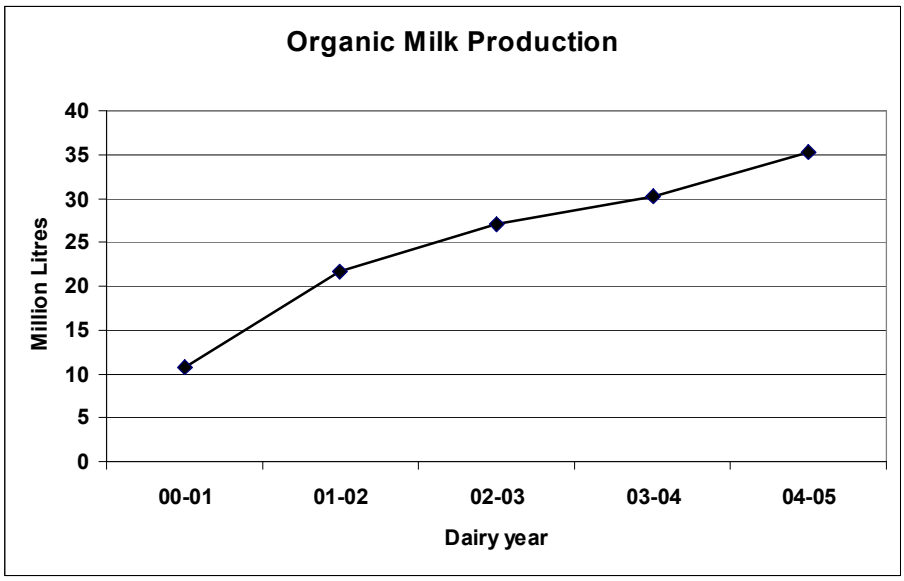
Table 13: Organic Livestock - number of producers

Product	BC	AB	SK	MB	ON	QC	NB	NS	PE	YK	Canada
Beef Cattle	21	55	61	0	65	35	1	1	1		240
Bison	2	5	5	0		1					13
Dairy Cattle	6	3			42	18				1	70
Dairy Goats	5	1	1		2	4				1	14
Sheep	8	3	2	0	14	9					36
Dairy Sheep	1										1
Pigs	6	5	3	0	17	10					41
Wild Boar					2						2
Elk		1	1								2
Fallow deer	1										1
Rabbits					1	1					2
Bee hives		1				7		2			10
Poultry								?			0
Layers	48	12	6	0	29	11		?			106
Meatbirds/Broilers	20	10	1	0	27	10					68
Roosters					4						4
Turkeys	3	9	1	0	2	5				1	21
Wild turkeys		1									1
Guinea fowl						2					2
Ducks	4	2			4	4					14
Geese				1	1	2					4
Total	125	108	81	1	210	119	1	3	1	3	652

2.5.1 Organic Milk Production

No additional information has been obtained since the 2004 report was published. The latest figures are for the 04/05 dairy year as provided by the Fédération des producteurs de lait du Quebec, the Dairy Farmers of Ontario and the British Columbia Milk Marketing Board and compiled by the Dairy section of AAFC. The tables and graphs showing production levels since 2000/2001 can be found in the 2005 publication “Statistics of the Canadian Dairy Industry” at www.dairyinfo.gc.ca.

Figure 5: Organic Milk Production in Canada 2000-2005



Organic dairy production, by volume, is concentrated in Quebec (53%), Ontario (29%), and British Columbia (18%). 57% of the dairy farms are in Quebec, 38% in Ontario and 5% in British Columbia. Overall production increased by 17% in the 04/05 dairy year compared with the 03/04 dairy year.

The number of organic dairy farms in Ontario has remained relatively static for the last few years and production is still less than 0.5 % of total production in the province. However according to Ted Zettel of OntarBio, there are about 50 farms in the transition stage. At least 2 new dairy producers were certified in 2006. In Quebec production levels are slightly higher with 0.65% of the provincial total and in British Columbia production has almost reached 1% of the total.

In British Columbia, the majority of the organic milk is produced in the Fraser Valley by two producers, each with a number of dairy operations. There was a 60% increase in BC production from the 03/04 dairy year to the 04/05 dairy year. Expansion continued in 2005, so a further increase in production levels is expected in the 2005/06 figures.

Currently there is no organic dairy industry in the Maritimes, but an initiative in Prince Edward Island to support dairy farmers interested in transitioning to organic milk production is underway which could change the outlook for organic dairy in that region.

The demand for organic dairy products continues to exceed supply in North America and shows no sign of slowing down. Similar trends are reported in the UK where milk sales grew by 91% in 2005 following 30% increases in previous years. (Organic Milk Suppliers Cooperative figures reported in foodnavigator-usa.com 06-02-01)

2.6 Value of Production

British Columbia: The value of production in British Columbia on certified organic farms was estimated at $29.1 million; this is $0.4 million lower than figures reported for 2004. It would be unwise to interpret this as a decline in farm income as the majority of certifiers reported higher production value levels in 2005. It is more likely that the 2004 figures included some value-added product which was reported in a separate category for 2005. Sales of value added/processed product were estimated as at least $23 million in 2005, $9 million more than in 2004 with data missing from the same certifiers as in previous years.

Alberta: $4.6 million in gross sales were reported but data are missing for a majority of the producers. A survey conducted by Rosalie Cunningham of Alberta Agriculture in the winter of 05/06 resulted in a 50% response rate so more information might be available when her report is published in the fall of 2006.

Saskatchewan: At least $51 million in gross sales were reported in 2005 – data are incomplete**.**

Manitoba: At least $1.7 million in gross sales were reported, but information is not available for the majority of producers.

Ontario: No gross sales estimates were provided by the certifiers. The value of organic milk production in the 04-05 dairy year was $7.2 million based on milk

price of $63.51/hl and 16 cents/litre premium. This is the same information as we reported in 2004. As yet no information has been obtained for the latter part of 2005.

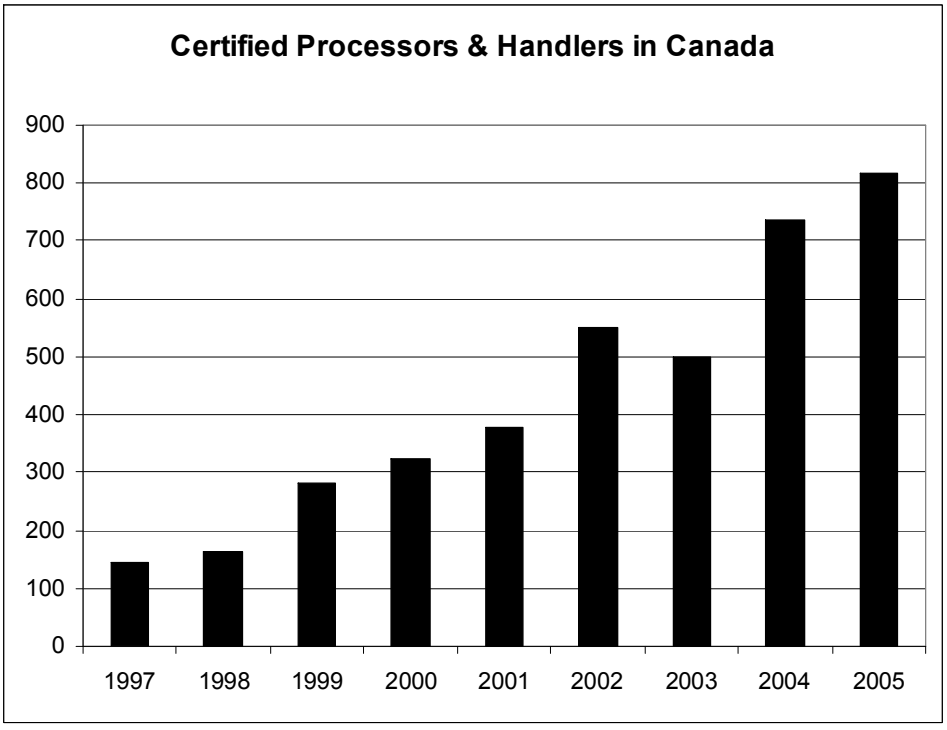
Quebec: Based on the information provided, and extrapolating for the total number of producers, an estimate of $45 million is obtained for gross sales and another $60 million for processed product. The value of milk produced in the 04/05 dairy year is estimated at $13.4 million based on a milk price of $62.70/hl plus a premium of $9.44/hl. The value of organic syrup production was at least $16.5 M.

Atlantic Provinces: Data are incomplete with $510,000 reported for New Brunswick, $522,500 for Nova Scotia and $110,500 for PEI.

3. PROCESSING AND HANDLING

A total of 817 processors and handlers were certified in 2005 which represents a 10% increase from the previous year. Increases were greatest in Quebec (36%) and British Columbia (29%). The figures include value-added processing on farm.

Figure 6: Certified Processors and Handlers 1997-2005



Processing includes a wide range of manufactured food and beverage products, as well as seed cleaning and bagging operations, and the production of livestock feeds. When the type of operation is known, grain handling is shown as a separate category. Handlers/Traders/Distributors include packers of fruit and vegetables, egg grading, brokers, wholesalers and retail operations. Operations producing composts and soil amendments likely exist in other provinces, but were not identified. Quebec reports size of operation; S represents 5 employees or less, L more than 5.

Table 14: Certified Processing and Handling Operations

Province	2005	2004	Increase	Manufacturers	Seed Grains Feeds	Handlers/ Distributors/ Traders	Composts
BC	**160**	**124**	**29%**	98	5	57	
AB	**58**	**53**	**9%**	30	11	17	
SK	**92**	**112**	**-18%**	21	56	15	
MB	**41**	**66**	**-38%**	13	19	9	
ON	**176**	**163**	**8%**	150	5	21	
QC	**260**	**191**	**36%**	64S/107L		89	
NB	**12**	**12**	**0%**	7		1	4
NS	**14**	**16**	**-12%**	12			2
PEI	**3**	**3**		1	1	1	
NFL							
YK	**1**	**1**		1			
Total	**817**	**741**	**10%**	**504**	**97**	**210**	**6**

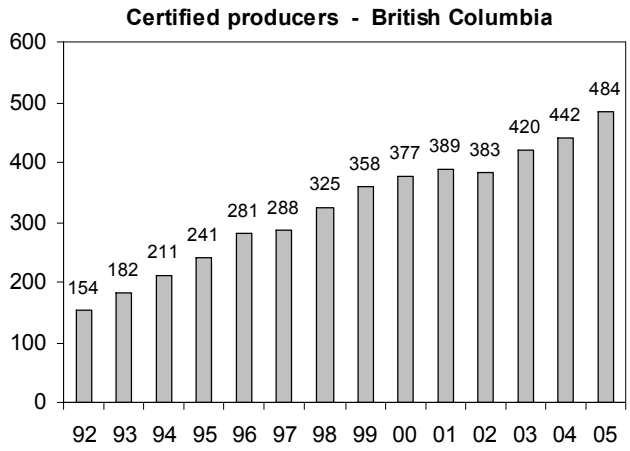
PROVINCIAL SUMMARIES

Organic Statistics 2005

BRITISH COLUMBIA

FARMERS

Number certified: 482
Percentage of total farms in province: 2.8%
Percentage of organic farmers in Canada: 13%
Number in transition: 108
Value of Production: $29.1 million

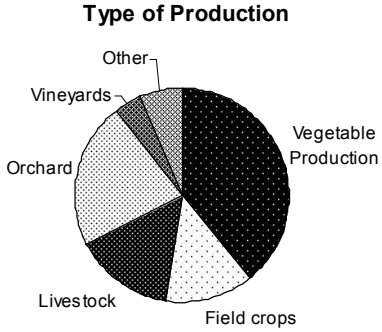


PROCESSING & HANDLING

Certified processors: 103
Certified handlers & traders: 57
Percentage of organic P & H in Canada: 20%

ACREAGE

Acreage in production:
13387 ha; 33079 ac
Additional acreage in program (wild lands and range):
100541 ha; 248443 ac
Transitional acreage:
3557 ha; 8789 ac



The following are minimum figures.
Breakdowns were not provided by all CBs.

Crop	Acres
Total Vegetables	2288
Potatoes	457
Broccoli	104
Green beans	493
Herbs	335
Misc. tree fruit	266
Misc. small fruit	79
Apples	652
Pears	61
Peaches	43
Cherries	23
Apricots	20
Plums	16
Blueberries	60
Grapes	143
Nut trees	152
Grains and oilseeds	982
Pasture and hay	22244

LIVESTOCK

Type	Head	Farms
Beef Cattle	2374	21
Dairy Cattle	1824	6
Dairy Goats	5664	5
Sheep	2820	1
Pigs	578	6
Bison	88	2
Deer	14	1
Layers	71208	48
Broilers	123021	20
Turkeys	1166	3
Ducks	362	4

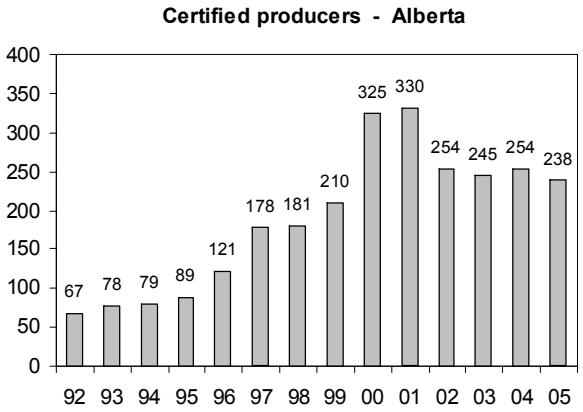
Organic Statistics 2005

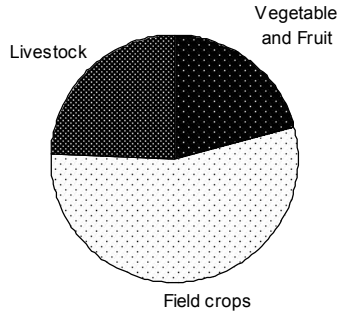
ALBERTA

FARMERS
Number certified: 238
Percentage of total farms in province: 0.5%
Percentage of organic farmers in Canada: 6.6%
Number in transition: 7
Value of Production: unknown

PROCESSING & HANDLING
Certified processors: 41
Certified handlers & traders: 17
Percentage of organic P & H in Canada: 7%

ACREAGE
Acreage in production:
130476 ha; 322414 ac
Additional acreage in program (wild lands and range):
11424 ha; 28229 ac
Transitional acreage:
1734 ha; 4285 ac





The following are minimum figures.
Breakdowns were not provided by all CBs.

Crop	Acres
Fruit and Vegetables	224
Herbs	42
Borage	743
Wheat/Durum	20276
Oats	15561
Barley	6609
Flax	5090
Rye	4201
Peas	2532
Spelt	2320
Kamut	1038
Canola	1609
Alfalfa	3208
Clover	2095
Pasture and Hay	133622

LIVESTOCK

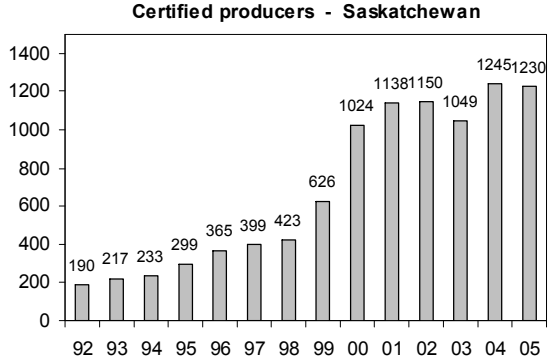
Type	Head	Farms
Beef Cattle	10288	55
Dairy Cattle	48	3
Dairy Goats	31	1
Sheep	885	3
Pigs	865	5
Bison	612	5
Bee hives	1240	1
Layers	17454	12
Broilers	69700	10
Turkeys	2307	9
Ducks	1300	2

Organic Statistics 2005

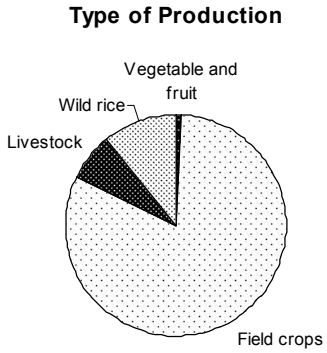
SASKATCHEWAN

FARMERS
Number certified: 1230
Percentage of total farms in province: 2.5%
Percentage of organic farmers in Canada: 34%
Number in transition: 31
Value of Production: more than $51 M

PROCESSING & HANDLING
Certified processors: 77
Certified handlers & traders: 15
Percentage of organic P & H in Canada: 11%



ACREAGE
Acreage in production:
295487 ha; 730164 ac
Additional acreage in program (wild lands and range):
10454 ha; 25833 ac
Transitional acreage:
35076 ha; 86674 ac



The following are minimum figures.
Breakdowns were not provided by all CBs.

Crop	Acres
Fruit & Vegetables	53
Potatoes	184
Borage	217
Caraway	220
Fenugreek	334
Wheat/Durum	155163
Flax	70433
Oats	67261
Lentils	36717
Peas	26375
Barley	24919
Rye	9854
Kamut	7510
Mustard	3520
Hemp	2911
Alfalfa	17051
Clover	7242
Pasture and hay	112359

LIVESTOCK

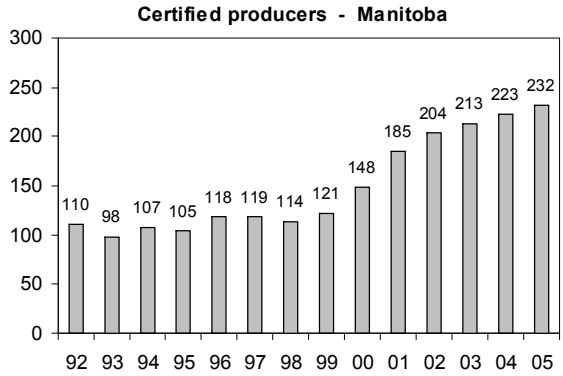
Type	Head	Farms
Beef Cattle	7172	61
Dairy Goats	12	1
Sheep	300	2
Pigs	525	3
Bison	340	5
Elk	68	1
Layers	420	6
Broilers	?	1
Turkeys	?	1

Organic Statistics 2005

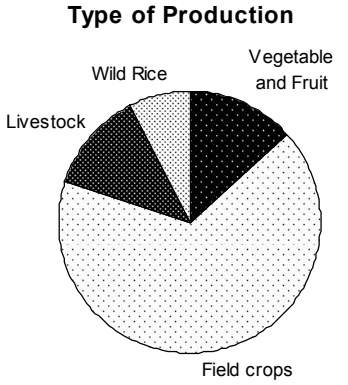
MANITOBA

FARMERS
Number certified: 232
Percentage of total farms in province: 1.2%
Percentage of organic farmers in Canada: 6.4%
Number in transition: 24
Value of Production: unknown

PROCESSING & HANDLING
Certified processors: 32
Certified handlers & traders: 9
Percentage of organic P & H in Canada: 5%



ACREAGE
Acreage in production:
27498 ha; 67948 ac
Additional acreage in program (wild lands and range):
129 ha; 320 ac
Transitional acreage:
191 ha; 472 ac



The following are minimum figures.
Breakdowns were not provided by all CBs.

Crop	Acres
Fruit & Vegetables	237
Herbs	39
Wheat/Durum	7678
Oats	4955
Flax	4819
Rye	2373
Barley	1414
Hemp	1340
Peas	429
Soybeans	352
Buckwheat	322
Clover	2507
Alfalfa	368
Pasture and hay	47361

LIVESTOCK

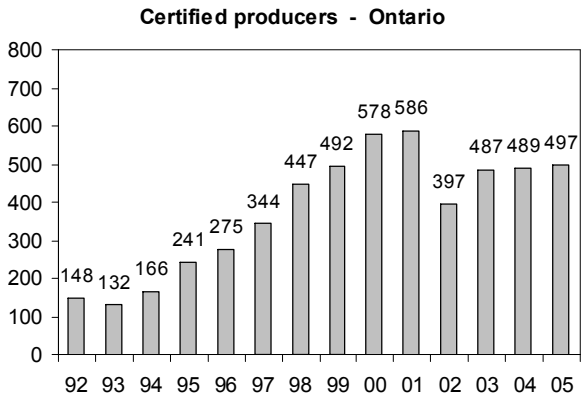
Type	Head	Farms
Beef Cattle	2198	?
Sheep	23	?
Pigs	174	?
Bison	140	?
Layers	423	?
Broilers	158700	?
Turkeys	10	?
Geese	12	1

Organic Statistics 2005

ONTARIO

FARMERS

Number certified: 497
Percentage of total farms in province: 0.9%
Percentage of organic farmers in Canada: 13.7%
Number in transition: 34
Value of Production: unknown



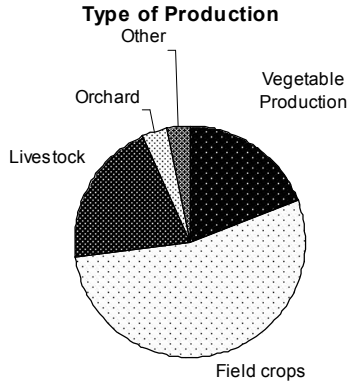
PROCESSING & HANDLING

Certified processors: 155
Certified handlers & traders: 21
Percentage of organic P & H in Canada: 21.5%

ACREAGE

Acreage in production:
33174 ha; 81974 ac
Transitional acreage:
5502 ha; 13595 ac

The following are minimum figures.
Breakdowns were not provided by all CBs.



Crop	Acres
Vegetables	1167
Herbs	103
Apples	777
Misc. Fruit	180
Nuts	6
Soybeans	16505
Spelt	6973
Corn	4526
Wheat	3015
Oats	2559
Barley	2230
Mixed grain	2872
Buckwheat	1151
Peas	954
Rye	845
Wild Rice lakes	2495
Clover	2020
Alfalfa	966
Pasture and hay	24078

LIVESTOCK

Type	Head	Farms
Beef Cattle	3189	65
Dairy Cattle	3988	44
Dairy Goats	18	2
Sheep	1020	14
Pigs	623	17
Wild boar	45	2
Rabbits	95	1
Layers	28906	29
Broilers	6465	27
Turkeys	50	2
Ducks	499	4
Geese	200	1

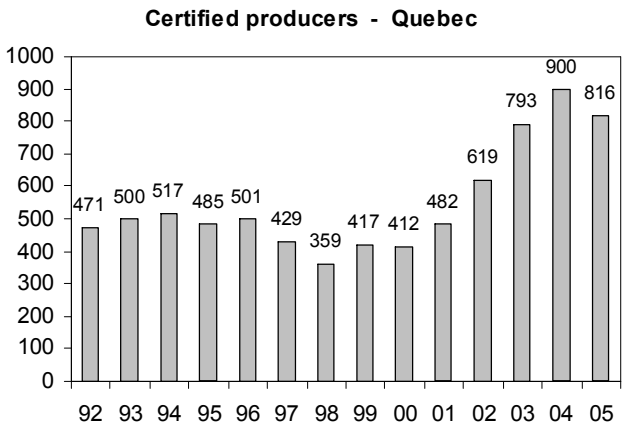
Organic Statistics 2005

QUEBEC

FARMERS
Number certified: 816
Percentage of total farms in province: 2.7%
Percentage of organic farmers in Canada: 22.5 %
Number in transition: 24
Value of Production: $45 M or more

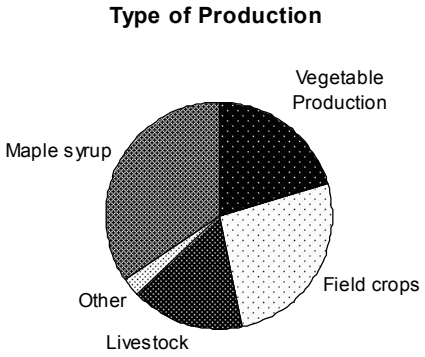
PROCESSING & HANDLING
Certified processors: 171
Certified handlers & traders: 89
Percentage of organic P & H in Canada: 32%

ACREAGE
Acreage in production:
27933 ha; 69024 ac
Transitional acreage:
1199 ha; 2662 ac



The following figures represent data from approximately 50% of the farms.

Crop	Hectares
Vegetables	245
Soybeans	1188
Barley	1045
Corn	297
Wheat	269
Pasture and hay	4637



Maple Syrup Production
7.9 Million pounds

LIVESTOCK (missing data from 1 CB)

Type	Head	Farms
Beef Cattle	1628	35
Dairy Cattle	1222	18
Dairy Goats	149	4
Sheep	2682	9
Pigs	2598	10
Bison	80	1
Rabbits	500	1
Bee hives	1091	7

POULTRY (missing data from 1 CB)

Type	Head	Farms
Layers	1050	11
Broilers	105853	10
Turkeys	1202	5
Ducks	3233	4
Guinea fowl	2200	2
Geese	250	2

Organic Statistics 2005

NEW BRUNSWICK

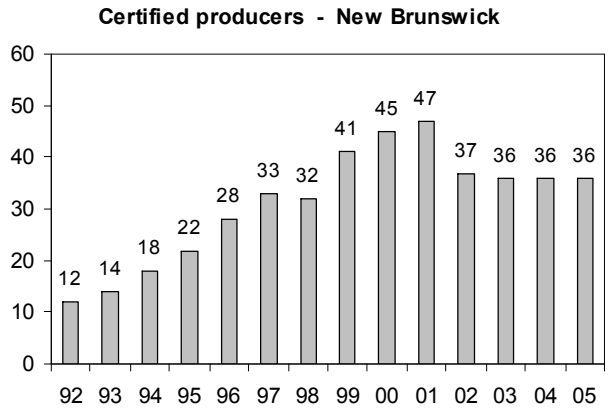
FARMERS
Number certified: 36
Percentage of total farms in province: 1.4%
Percentage of organic farmers in Canada: 0.1%
Number in transition: 1
Value of Production: more than $ 0.5M

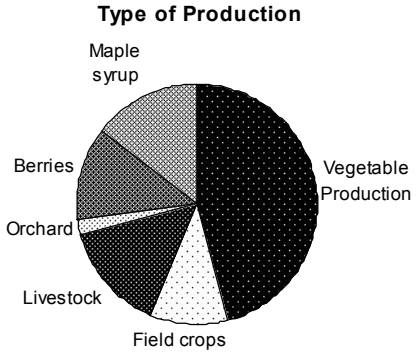
PROCESSING & HANDLING
Certified processors: 11
Certified handlers & traders: 1
Percentage of organic P & H in Canada: 1.5%

ACREAGE
Acreage in production:
1601 ha; 3956 ac
Wild land in program:
368 ha; 909 ac
Transitional acreage:
213 ha; 527 ac

The following are minimum figures.
Breakdowns were not provided by all CBs.

Crop	Acres
Vegetables	49
Herbs	6
Blueberries	91
Cranberries	61
Raspberries	6
Apples	6
Cereals	126
Pasture and hay	3391
Maple	926





LIVESTOCK (missing data)

Type	Head	Farms
Beef Cattle	48	?
Pigs	20	?
Poultry	2500	?
Layers	180	?
Turkeys	100	?

Organic Statistics 2005

NOVA SCOTIA

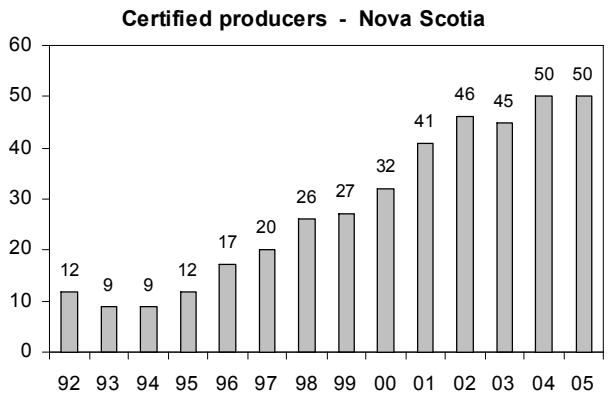
FARMERS
Number certified: 50
Percentage of total farms in province: 1.5%
Percentage of organic farmers in Canada: 1.4%
Number in transition: 5
Value of Production: more than $ 0.5M

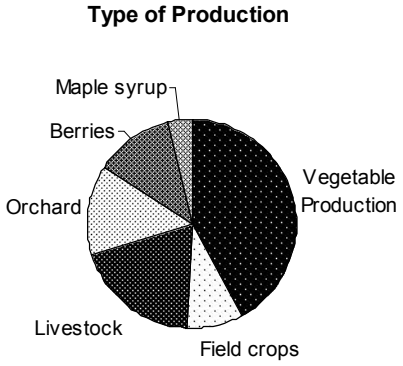
PROCESSING & HANDLING
Certified processors: 11
Certified handlers & traders: 1
Percentage of organic P & H in Canada: 1.5%

ACREAGE
Acreage in production:
842 ha; 2080 ac
Transitional acreage:
155 ha; 383 ac

The following are minimum figures.
Breakdowns were not provided by all CBs.

Crop	Acres
Vegetables	89
Tree fruits	44
Apples	68
Blueberries	58
Cereals	249
Soybeans	5
Buckwheat	22
Pasture and hay	787





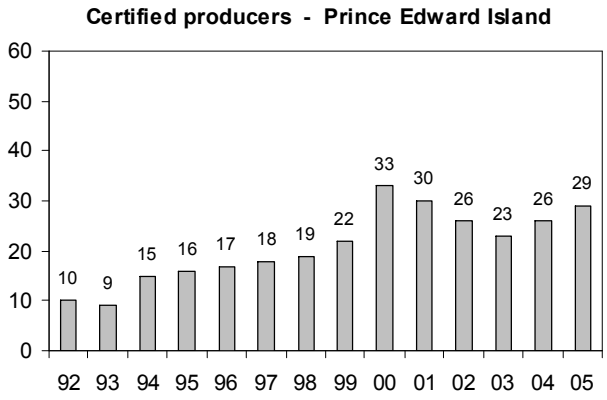
LIVESTOCK (missing data)

Type	Head	Farms
Beef Cattle	205	?
Pigs	125	?
Dairy goats	18	?
Sheep	36	?
Poultry	?	?

Organic Statistics 2005

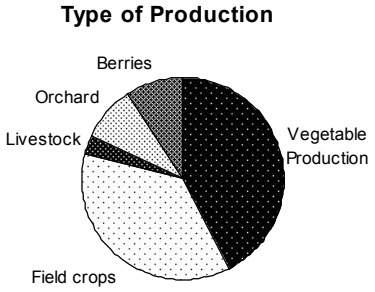
PRINCE EDWARD ISLAND

FARMERS
Number certified: 29
Percentage of total farms in province: 1.7%
Percentage of organic farmers in Canada: 0.8%
Number in transition: 5
Value of Production: unknown



PROCESSING & HANDLING
Certified processors: 2
Certified handlers & traders: 1
Percentage of organic P & H in Canada: 0.4%

ACREAGE
Acreage in production:
407 ha; 1005 ac
Transitional acreage:
179 ha; 442 ac



The following are minimum figures.
Breakdowns were not provided by all CBs.

Crop	Acres
Vegetables	13
Potatoes	209
Herbs	12
Soybeans	110
Cereals	253
Buckwheat	25
Pasture and hay	204

LIVESTOCK (missing data)

Type	Head	Farms
Beef Cattle	59	1
Poultry	640	?
Layers	20	?

Organic Statistics 2005

NEWFOUNDLAND

FARMERS
Number certified: 4
Percentage of total farms in province: 0.8%
Value of Production: unknown

ACREAGE
Acreage in production: 18 ha; 45 ac.

YUKON

FARMERS
Number certified: 2
Number in transition: 2
Value of Production: unknown

ACREAGE
Acreage in production: 97 ha; 240 ac.
Transitional acreage: 150 ha; 371 ac.

LIVESTOCK
Dairy cattle 36
Dairy goats 31
Turkeys 30

4. SUMMARY CANADA

Organic Statistics 2005

CANADA

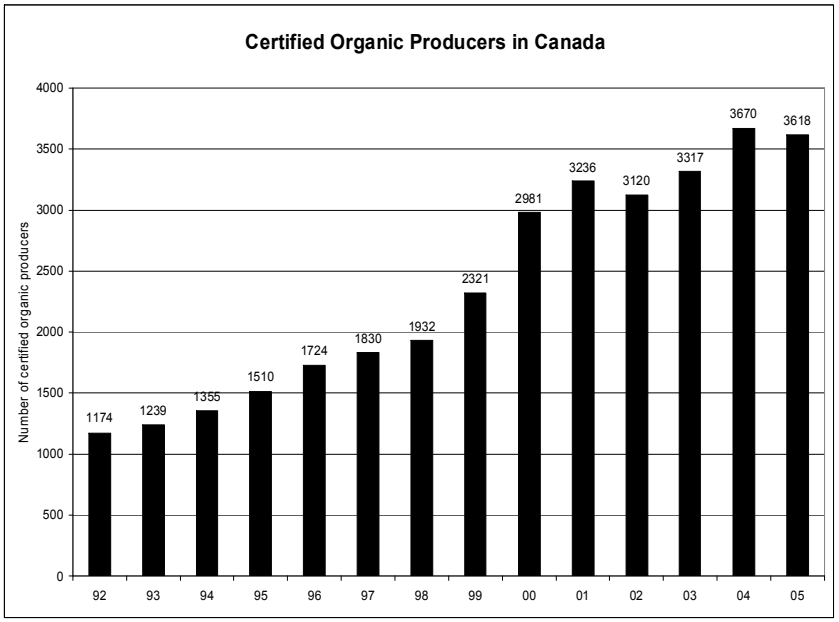
FARMERS

Number certified: 3618

Percentage of total: 1.5

Number in transition: 241

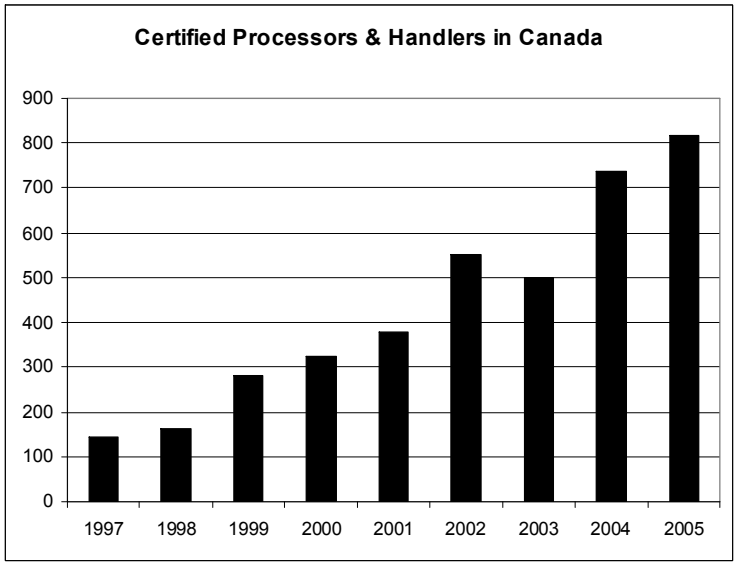
Farm Enterprise:
Vegetables: 733
Field crops: 2077
Livestock: 590
Orchard: 196
Vineyard: 33
Maple syrup: 317
Mushrooms: 18
CSA: 60



PROCESSORS & HANDLERS

Number certified: 817

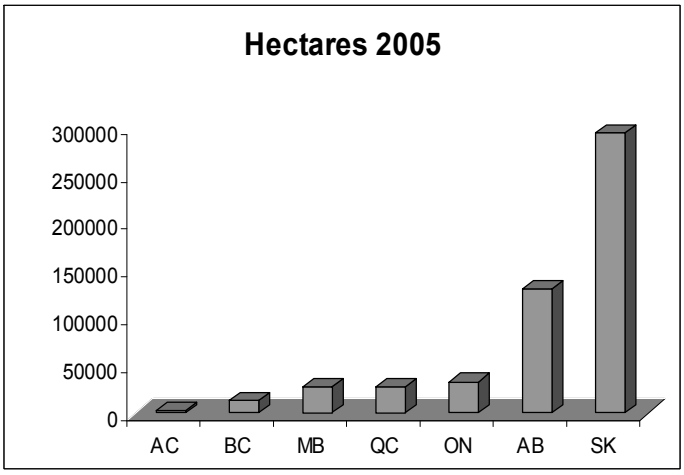
Processors: 607
Handlers & Traders: 210



ACREAGE
Acreage in Production:
530919 ha; 1311929 ac

Additional acreage in Program
(wild lands): 123529 ha; 305247 ac

Transitional acreage:
47955 ha; 118500 ac



CROPS

The following are minimum figures.
Breakdowns were not provided by all CBs

Crop	Hectares	Acres
Vegetables	2068	5110
Herbs	862	2130
Fruit	1234	3050
Grains/oilseeds	230578	569710
Forages/Pasture/GM	219586	542608

Potatoes: 497 ha; 1229 ac; 37% in BC
Borage: 388 ha; 960 ac; 77% in AB
Apples: 605 ha; 1496 ac

Wheat/Durum: 75816 ha; 187345 ac
Oats: 37231 ha; 92000 ac
Flax: 32754 ha; 80936 ac
Barley: 15493 ha; 38283 ac
Lentils: 14942 ha; 36922 ac
Soybeans: 8062 ha; 19922 ac

LIVESTOCK (missing data)

Type	Head
Beef cattle	27161
Bison	1260
Dairy cattle	7117
Dairy goats	823
Sheep	7866
Pigs	5508
Rabbits	595
Beehives	2331
Layers	119761
Broilers	463739
Turkeys	4885
Ducks	5444
Guinea fowl	2200

LIVESTOCK PRODUCTS:

Organic Milk 04/05: 35 million litres
53% QC; 29% ON, 18% BC

Eggs: 2784 thousand dozens

Beef: 38% AB; 26% SK; 12% ON