Catalogue no. 22-002-X

Field Crop Reporting Series

March Intentions of Principal Field Crops Areas, Canada, 2009

Statistics Canada Statistique Canada

Canada

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Statistics Canada
Agriculture Division

Field Crop Reporting Series

March Intentions of Principal Field Crops Areas, Canada, 2009

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Note of appreciation

Canada owes the success of its statistical system to a long standing partnership between Statistics Canada, the citizens of Canada, its businesses, governments and other institutions. Accurate and timely statistical information could not be produced without their continued cooperation and goodwill.

User information

Symbols

The following standard symbols are used in Statistics Canada publications:

.	not available for any reference period
..	not available for a specific reference period
...	not applicable
0	true zero or a value rounded to zero
0s	value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded
p	preliminary
r	revised
x	suppressed to meet the confidentiality requirements of the *Statistics Act*
E	use with caution
F	too unreliable to be published

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Highlights

March intentions of principal field crops areas, Canada, 2009

- Prairie farmers anticipate increases in acreage planted to dry field peas this spring, well above the 2008 levels. Increases are also expected for barley and spring wheat, while the canola area is expected to decline.

Analysis

March intentions of principal field crops areas, Canada, 2009

Prairie farmers anticipate increases in acreage planted to dry field peas this spring, well above the 2008 levels.Increases are also expected for barley and spring wheat, while the canola area is expected to decline.

In the East, farmers anticipate an increase in the acreage planted in soybeans.

Dry field pea acreage may climb to above the 2008 levels

Early indications are that Prairie farmers may seed 4.2 million acres in dry field peas, up 5.3% from the 2008 record high. If attained, this would be the third consecutive annual increase.

Farmers in Saskatchewan and Alberta reported that they may plant 3.2 million acres and 890,000 acres respectively, both above the 2008 levels. However, in Manitoba , farmers anticipate planting 18.0% fewer acres of peas.

Area for spring wheat could rise

Prairie farmers anticipated planting 17.0 million acres in spring wheat, up 6.2% or 990,000 acres from 2008.

Wheat acreage should increase in all three Prairie provinces. Early indications are that the acreage will increase the most in Saskatchewan, where farmers anticipate planting an additional 430,000 acres.

Barley area expected to increase

The total area seeded to barley on the Prairies is expected to rise 145,000 acres to 8.9 million acres.

Farmers in Manitoba and Saskatchewan expect to plant more barley, while in Alberta farmers could plant the same area as in 2008.

Canola area set to decline

Prairie farmers indicated that the area seeded to canola may decline to 14.8 million acres. This would be 7.3% below the record area of 16.0 million acres in 2008. Farmers in all three Prairie provinces expected lower area planted to canola.

Soybean area to increase

Ontario, Quebec and Manitoba, the three major producers of soybeans are expecting to increase their seeded areas to 3.3 million acres, an increase of 300,000 acres over 2008.

Related products

Selected publications from Statistics Canada

21-206-X	Statistics on Income of Farm Operators
21-207-X	Statistics on Income of Farm Families
21-208-X	Statistics on Revenues and Expenses of Farms
22-003-X	Fruit and Vegetable Production
22-007-X	Cereals and Oilseeds Review
22-008-U	Canadian Potato Production - Updates
22-008-X	Canadian Potato Production
22F0005X	Crops Small Area Current Data
23-221-X	Production and Value of Honey and Maple Products
23-501-X	Livestock Feed Requirements Study
23-502-X	Alternative Livestock on Canadian Farms
96-325-X	Canadian Agriculture at a Glance
96-328-M	Canadian Agriculture at a Glance - Teacher's Kit

Selected CANSIM tables from Statistics Canada

001-0004	Estimated summerfallow areas, annual
001-0010	Estimated areas, yield, production and average farm price of principal field crops, in metric units, annual
001-0014	Area, production and farm value of potatoes, annual
001-0017	Estimated areas, yield, production, average farm price and total farm value of principal field crops, in imperial units, annual
001-0018	Estimated areas, yield, production, average farm price and total farm value of selected principal field crops: sugar beets, tame hay and fodder corn, in imperial units, annual
001-0019	Estimated area, yield, production, average farm price and total farm value of selected major speciality field crops, in imperial units, annual

001-0020	Estimated area, yield, production, average farm price and total farm value of selected principal field crops: dry beans (white and coloured), in imperial units, annual
001-0040	Stocks of grain and oilseeds at March 31, July 31 and December 31, 3 times per year
001-0041	Supply and disposition of grains in Canada as of March 31, July 31, August 31 (soybeans only) and December 31, 3 times per year
001-0042	Supply and disposition of corn in Canada and selected provinces as of March 31, August 31 and December 31, 3 times per year
001-0043	Farm supply and disposition of grains as of March 31, July 31, August 31 (soybeans only) and December 31, 3 times per year

Selected surveys from Statistics Canada

3401	Field Crop Reporting Series

Selected summary tables from Statistics Canada

- *Field and specialty crops*

Statistical tables

Table 1

March 2009 intended areas of principal field crops and summerfallow, compared with 2008 seeded areas, Canada and Provinces

Province and crop	Seeded area 2008	Intended area 2009	Area as a % of 2008	Seeded area 2008	Intended area 2009
	000 hectares		percent	000 acres	
Canada					
Winter wheat [1]	1,058.9	851.2	80.4	2,616.6	2,103.4
Spring wheat	6,621.9	7,012.2	105.9	16,363.1	17,328.0
Durum wheat	2,440.3	2,318.9	95.0	6,030.0	5,730.0
All wheat [2]	**10,121.1**	**10,182.3**	**100.6**	**25,009.7**	**25,161.4**
Oats	1,758.4	1,600.5	91.0	4,345.0	3,954.8
Barley	3,786.6	3,834.9	101.3	9,357.1	9,476.4
Fall rye [1]	137.6	153.8	111.8	340.0	380.0
Flaxseed [3]	631.3	698.1	110.6	1,560.0	1,725.0
Canola	6,539.6	6,066.1	92.8	16,159.5	14,989.6
Corn for grain	1,204.0	1,248.2	103.7	2,975.1	3,084.1
Soybeans	1,202.4	1,328.9	110.5	2,971.3	3,283.7
Dry peas	1,616.6	1,701.7	105.3	3,995.0	4,205.0
Summerfallow	2,456.0	2,425.0	98.8	6,070.0	5,995.0
Maritimes					
Winter wheat [1]	4.2	5.2	123.8	10.5	13.0
Spring wheat	18.0	15.3	85.0	44.5	38.0
All wheat [2]	**22.2**	**20.5**	**92.3**	**55.0**	**51.0**
Oats	17.4	17.4	100.0	43.0	43.0
Barley	46.5	29.9	64.3	115.0	74.0
Mixed grains	3.2	3.2	100.0	8.0	8.0
Corn for grain	9.8	11.4	116.3	24.0	28.0
Soybeans	7.3	9.3	127.4	18.0	23.0
Fodder corn	10.0	11.3	113.0	25.0	28.0
Quebec					
Winter wheat [1]	4.5	4.2	93.3	11.1	10.4
Spring wheat	50.0	52.6	105.2	123.6	130.0
All wheat [2]	**54.5**	**56.8**	**104.2**	**134.7**	**140.4**
Oats	102.0	110.0	107.8	252.0	271.8
Barley	100.0	90.0	90.0	247.1	222.4
Mixed grains	21.0	20.0	95.2	51.9	49.4
Canola	18.0	14.0	77.8	44.5	34.6
Corn for grain	395.0	395.0	100.0	976.1	976.1
Soybeans	232.0	235.0	101.3	573.3	580.7
Fodder corn	48.0	50.0	104.2	118.6	123.6
Ontario					
Winter wheat [1]	495.7	388.5	78.4	1,225.0	960.0
Spring wheat	68.8	50.6	73.5	170.0	125.0
All wheat [2]	**564.5**	**439.1**	**77.8**	**1,395.0**	**1,085.0**
Oats	30.4	34.4	113.2	75.0	85.0
Barley	62.7	74.9	119.5	155.0	185.0
Fall rye [1]	18.2	14.2	78.0	45.0	35.0
Mixed grains	46.5	46.5	100.0	115.0	115.0
Canola	22.3	22.3	100.0	55.0	55.0
Corn for grain	712.2	748.7	105.1	1,760.0	1,850.0
Soybeans	849.8	930.8	109.5	2,100.0	2,300.0
Fodder corn	113.3	121.4	107.1	280.0	300.0
Manitoba					
Winter wheat [1]	222.6	188.2	84.5	550.0	465.0
Spring wheat	1,080.6	1,155.4	106.9	2,670.0	2,855.0
All wheat [2]	**1,303.2**	**1,343.6**	**103.1**	**3,220.0**	**3,320.0**
Oats	348.0	283.3	81.4	860.0	700.0
Barley	329.8	348.0	105.5	815.0	860.0
Fall rye [1]	30.4	38.4	126.3	75.0	95.0
Flaxseed [3]	107.2	149.7	139.6	265.0	370.0
Canola	1,254.5	1,143.2	91.1	3,100.0	2,825.0
Corn for grain	78.9	93.1	118.0	195.0	230.0
Soybeans	113.3	153.8	135.7	280.0	380.0
Dry white beans	22.3	14.2	63.7	55.0	35.0
Dry coloured beans	30.2	26.2	86.8	75.0	65.0
Dry peas	44.4	36.4	82.0	110.0	90.0
Sunflower seeds	68.8	56.7	82.4	170.0	140.0
Fodder corn	34.4	26.3	76.5	85.0	65.0
Summerfallow	61.0	121.0	198.4	150.0	300.0

See footnotes at the end of the table.

Table 1 – continued

March 2009 intended areas of principal field crops and summerfallow, compared with 2008 seeded areas, Canada and Provinces

Province and crop	Seeded area 2008	Intended area 2009	Area as a % of 2008	Seeded area 2008	Intended area 2009
	000 hectares		percent	000 acres	
Saskatchewan					
Winter wheat [1]	222.6	170.0	76.4	550.0	420.0
Spring wheat	3,075.6	3,249.6	105.7	7,600.0	8,030.0
Durum wheat	2,063.9	1,942.5	94.1	5,100.0	4,800.0
All wheat [2]	**5,362.1**	**5,362.1**	**100.0**	**13,250.0**	**13,250.0**
Oats	890.3	768.9	86.4	2,200.0	1,900.0
Barley	1,537.8	1,578.3	102.6	3,800.0	3,900.0
Fall rye [1]	60.7	76.9	126.7	150.0	190.0
Mixed grains	12.1	28.3	233.9	30.0	70.0
Flaxseed [3]	505.9	516.0	102.0	1,250.0	1,275.0
Canola	3,116.1	2,954.2	94.8	7,700.0	7,300.0
Dry peas	1,284.9	1,305.1	101.6	3,175.0	3,225.0
Lentils	651.6	797.2	122.3	1,610.0	1,970.0
Mustard seed	149.7	174.0	116.2	370.0	430.0
Canary seed	157.8	113.3	71.8	390.0	280.0
Summerfallow	1,679.0	1,639.0	97.6	4,150.0	4,050.0
Alberta					
Winter wheat [1]	109.3	95.1	87.0	270.0	235.0
Spring wheat	2,306.7	2,458.4	106.6	5,700.0	6,075.0
Durum wheat	376.4	376.4	100.0	930.0	930.0
All wheat [2]	**2,792.4**	**2,929.9**	**104.9**	**6,900.0**	**7,240.0**
Oats	344.0	364.2	105.9	850.0	900.0
Barley	1,679.4	1,679.4	100.0	4,150.0	4,150.0
Fall rye [1]	28.3	24.3	85.9	70.0	60.0
Mixed grains	52.6	44.5	84.6	130.0	110.0
Flaxseed [3]	18.2	32.4	178.0	45.0	80.0
Canola	2,104.4	1,902.0	90.4	5,200.0	4,700.0
Dry peas	287.3	360.2	125.4	710.0	890.0
Mustard seed	44.5	48.6	109.2	110.0	120.0
Fodder corn	28.3	24.3	85.9	70.0	60.0
Triticale	14.2	16.2	114.1	35.0	40.0
Summerfallow	688.0	647.0	94.0	1,700.0	1,600.0
British Columbia					
Spring wheat	22.2	30.3	136.5	55.0	75.0
Oats	26.3	22.3	84.8	65.0	55.0
Barley	30.4	34.4	113.2	75.0	85.0
Canola	24.3	30.4	125.1	60.0	75.0
Fodder corn	12.1	12.1	100.0	30.0	30.0
Summerfallow	28.0	18.0	64.3	70.0	45.0
Western Canada					
Winter wheat [1]	554.5	453.3	81.7	1,370.0	1,120.0
Spring wheat	6,485.1	6,893.7	106.3	16,025.0	17,035.0
Durum wheat	2,440.3	2,318.9	95.0	6,030.0	5,730.0
All wheat [2]	**9,479.9**	**9,665.9**	**102.0**	**23,425.0**	**23,885.0**
Oats	1,608.6	1,438.7	89.4	3,975.0	3,555.0
Barley	3,577.4	3,640.1	101.8	8,840.0	8,995.0
Fall rye [1]	119.4	139.6	116.9	295.0	345.0
Flaxseed [3]	631.3	698.1	110.6	1,560.0	1,725.0
Canola	6,499.3	6,029.8	92.8	16,060.0	14,900.0
Dry peas	1,616.6	1,701.7	105.3	3,995.0	4,205.0
Summerfallow	2,456.0	2,425.0	98.7	6,070.0	5,995.0

1. The area remaining after winterkill.
2. The all wheat total is the sum of winter wheat after winterkill, spring wheat and durum wheat.
3. Excludes solin.

Concepts and definitions

Definitions of the crop categories referenced in various Crop Reporting Series publications are listed below.

Major grains: wheat, oats, barley, rye, flaxseed, canola, corn for grain and soybeans.

Coarse grains: oats, barley, rye, corn for grain and mixed grains.

Oilseeds: canola, flaxseed and soybeans.

Major special crops: lentils, dry field peas, mustard seed, Canary seed and sunflower.

Methodology and data quality

Survey frame and sample selection

Every five years, the Census of Agriculture collects information on agricultural operations across Canada, including institutional farms, community pastures, Indian reserves, etc. The Census of Agriculture provides a list of farms and their crop areas from which probability samples are selected. The data collected from one of these samples form the basis of the seeding intentions estimates.

The survey frame represents all agricultural operations enumerated in the Census of Agriculture with the exception of institutional farms, farms on Indian reserves and farms from the Northwest Territories, Yukon and Atlantic region.

Probability surveys can use two types of sampling frames, list and area. In the seeding intentions survey, only the list frame is used in sample selection. This list frame is stratified into homogenous groups on the basis of Census characteristics (such as farm size and crop area) and sub-provincial geographic boundaries. A sample of approximately 14,500 farms is drawn from the list frame for the Seeding Intentions Survey.

Data collection

Data collection for the March Seeding Intentions Survey was carried out from March 24 to March 31, 2009.

Data collection for field crop surveys is undertaken using the “Computer assisted telephone interview” (CATI) system.

Edit and imputation

With the introduction of the CATI system, it is now possible to implement edit procedures at the time of the interview. Computer programmed edit checks in the CATI system inform interviewers during the interview of possible data errors, which can then be corrected immediately by the interviewer and respondent. CATI significantly reduces the need for subsequent telephone follow-up, thereby reducing respondent burden and survey processing time.

Response rate

By the end of the collection period, 80% of the questionnaires were fully completed. The refusal rate to the survey was approximately 6 to 8%. The remainder of the sample unaccounted for, can be explained by non-contact and non-response. Initial sample weights are adjusted (a process called raising factor adjustment) in cases of total and partial non-response; no imputation is performed for missing values.

Sampling and non-sampling errors

The statistics contained in this publication are based on a random sample of agricultural operations and, as such, are subject to sampling and non-sampling errors. The overall quality of the estimates depends on the combined effect of these two types of errors.

Sampling errors arise because estimates are derived from sample data and not the entire population. These errors depend on factors such as sample size, sampling design and the method of estimation. An important feature of probability sampling is that sampling errors can be measured from the sample itself.

Non-sampling errors are errors which are not related to sampling and may occur throughout the survey operation for many reasons. For example, non-response is an important source of non-sampling error. Coverage, differences in

the interpretation of questions, incorrect information from respondents, mistakes in recording, coding and processing of data are other examples of non-sampling errors.

Estimation

The survey data collected are weighted in order to produce unbiased level indicators which are representative of the population. These level indicators then undergo a validation process, based on subject matter analysis and consultation with provincial statisticians, before a final estimate is published.

Revisions

The seeding intentions estimates contained in this publication are not revised, since seeding intentions represent plans, not actual occurrences.

Data quality

The seeding intentions estimates in this publication are based on level indicators obtained from a probability survey of farming operations. The potential error introduced by sampling can be estimated from the sample itself by using a statistical measure called the coefficient of variation (c.v.). Over repeated surveys, 95 times out of 100, the relative difference between a sample estimate and what should have been obtained from an enumeration of all farming operations would be less than twice the coefficient of variation. This range of values is referred to as the confidence interval. While published estimates may not exactly equal the level indicators (due to the validation and consultation process), these estimates do remain within the confidence interval of the survey level indicators.

For the Seeding Intentions Survey, c.v.'s range from 5% to 10% for the major crops. C.v.'s for specialty crops and small areas of major crops are usually within 10% to 25%.

Data confidentiality

Data confidentiality is ensured under the *Statistics Act*, which prohibits the divulging of individual or aggregated data where individuals or businesses might be identified.

Field crop reporting series calendar

Catalogue 22-002-XWE

The eight reports in this series, which are released at strategic times during the crop year, contain data on stocks of grain and crop area, yield and production. Three reports provide data on stocks of grain at both farm and commercial positions for Canada and the provinces (report nos. 1, 3 and 6). The first report on seeded area (no. 2, in April) contains the seeding intentions of producers, while the June report (no. 4) contains the actual seeded areas of field crops. Yields and levels of production by province are estimated before harvest (report no. 5), during harvest (no. 7) and after harvest (no. 8). Release time for all reports is 08:30 hrs, Eastern time. For further information, please contact Client Services, Agriculture Division, Statistics Canada at 1-800-465-1991 or by email: *agriculture@statcan.gc.ca*.

Report no. and title	**2009 Release Dates**
1 Stocks of Canadian Grain at December 31, 2008	February 5
2 March Intentions of Principal Field Crops Areas, Canada, 2009	April 24
3 Stocks of Canadian Grain at March 31, 2009	May 8
4 Preliminary Estimates of Principal Field Crops Areas, Canada	June 23
5 July 31 Estimate of Production of Principal Field Crops, Canada	August 21
6 Stocks of Canadian Grain at July 31, 2009	September 9
7 September Estimate of Production of Principal Field Crops, Canada, 2009	October 2
8 November Estimate of Production of Principal Field Crops, Canada, 2009	December 3

Cereals and oilseeds review

Catalogue 22-007-XWE

This publication provides up-to-date marketing data and analysis for wheat, coarse grains, oilseeds and special crops. Each monthly issue contains producer marketings, exports of grain and grain products, domestic and international supply-disposition tables, oilseed crushing and grain milling data, and cash and future prices. A situation report highlights the month's events.

Some issues contain annual supplementary data. They include the Prices supplement; the Processing supplement; the Methodology and concepts supplement; the Feed grain purchases supplement and the Grain storage & movement supplement.

Supply and disposition tables

Catalogue 22C0001XWE

Statistics Canada produces national supply-disposition tables for the major grains for the periods August to December; August to March; and August to July. Data include production, farm and commercial stocks, imports, exports, human food and industrial use and feeding. Five years of data are provided. The tables are normally available after major data releases (farm stocks, production, export revisions). Provincial farm supply and disposition tables are also provided on request. The supply-disposition tables are available on paper or by e-mail.

For further information, please contact Client Services, Agriculture Division, Statistics Canada at 1-800-465-1991 or by email: *agriculture@statcan.gc.ca*.

Release dates - 2009

January

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

February

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1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

March

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29	30	31				

April

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May

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24	25	26	27	28	29	30
31						

June

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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

July

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			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

August

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

September

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

October

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

November

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

December

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Field crop reporting series

Cereals and oilseeds review