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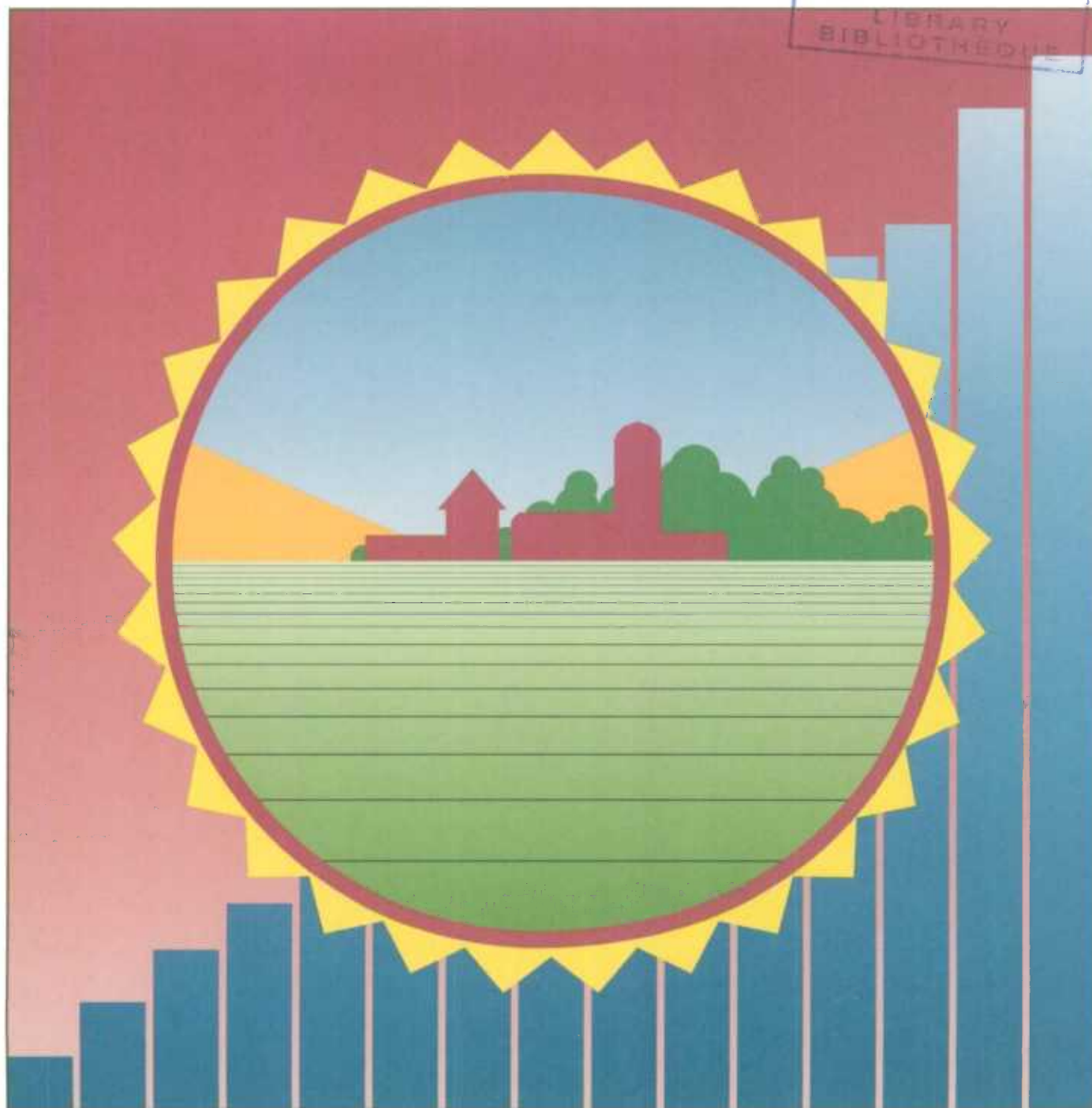
# ***Whole Farm Data Base Reference Manual***

***September 1996***

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## ***Whole Farm Data Base Reference Manual***

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### **Note of Appreciation**

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

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## 1.0 INTRODUCTION

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### **Meeting Evolving Needs of Users**

The Whole Farm Data Base (WFDB) is the product of a joint venture between Agriculture and Agri-Food Canada and Statistics Canada. It was developed with the intention of meeting increasing demands by users of agricultural statistics for more disaggregated data at the whole farm level. Potential users vary from public sector policy-makers, to industry analysts, to private sector decision-makers. The WFDB provides the means for users to evaluate agricultural policies and programs as well as analyze the viability, stability, and competitiveness of various farm businesses.

### **All the Information in a Single Base**

Integrating agricultural data from already existing administrative and survey sources into one base is the essence of the WFDB. While committed to reducing response burden, eliminating duplication and maximizing the use of existing resources, the WFDB can offer users access to a wider than ever range of disaggregated physical and financial data at the farm level.

### **A Guide to the Whole Farm Data Base**

The following chapters will familiarize potential users of the WFDB with the structure and quality of the data and describe currently available WFDB products and services.

## 2.0 WHOLE FARM DATA BASE

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### 2.1 BACKGROUND

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Since the mid-1920s, the Agriculture Division of Statistics Canada has been publishing data series depicting provincial levels and trends within the agriculture industry. Although timely and reliable, these series have not always satisfied the growing demand for more disaggregated farm level data.

In 1991, Agriculture and Agri-Food Canada obtained the funding to launch the Farm Level Data Project (FLDP), with the aim of providing the data necessary for monitoring the financial position of farm businesses; assessing the impact of changing policies, programs and economic conditions on them; and administering and evaluating agricultural programs.

The Agriculture Division of Statistics Canada and Agriculture and Agri-Food Canada have begun to address these requirements by launching an essential component of the FLDP, the Whole Farm Data Base (WFDB). The ultimate objective of this base is to provide a set of physical and financial data at the whole farm level that is as complete as possible.<sup>1</sup> This is achieved by integrating data from various existing surveys and administrative sources to produce disaggregated statistics by farm type, revenue class and subprovincial geographic regions.

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<sup>1</sup> For more information, please refer to "Report on User Consultations and Proposed Whole Farm Data Base Tabulations" Jan. 1992, Ménard, Chartrand and Culver, available from the Agriculture Division of Statistics Canada.



## 2.2 DATA BASE STRUCTURE

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There are several major data sources currently offered on the WFDB which produce annual data at the farm level. They are: the Taxation Data Program (TDP), the National Farm Survey (NFS), the June Crops Survey (JCS), the July Livestock Survey (JLS), and the Farm Financial Survey (FFS). Although the WFDB can be used to produce estimates for selected domains regardless of the revenue level, **the base is primarily structured to provide data for farms with reported revenues of \$10,000 and over.** The following components have been targeted for each source for the stated reference years:

- **Taxation Data Program<sup>2</sup> - 1987 to 1994**
  - detailed revenues and expenses
  - additions and disposals of depreciable assets
  - operator off-farm income<sup>3</sup>
  - farm family off-farm income<sup>4</sup>
- **National Farm Survey<sup>5,6</sup> - 1988 to 1992**
  - cropland acreages
  - livestock inventories
  - certain financial components<sup>7</sup>
- **June Crops Survey<sup>8</sup> - 1993 and 1994**
  - cropland acreages
- **July Livestock Survey<sup>9</sup> - 1993 and 1994**
  - livestock inventories
- **Farm Financial Survey<sup>10</sup> - 1988, 1990, 1992, 1993<sup>11</sup>, 1994 and 1996**
  - capital investments and sales
  - assets and liabilities
  - long-term capital borrowed

For further information about the sampling and methodology of the TDP, the NFS, the JCS, the JLS and the FFS, see Appendix C.

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<sup>2</sup> The TDP did not cover the Prairie provinces from 1987 to 1989, also data for 1988 and 1989 are not available for BC Peace Region.

<sup>3</sup> Unincorporated sector only. Farm operators involved in a single farm operation.

<sup>4</sup> Unincorporated sector only. Farm families involved in a single farm operation, 1989 to 1993 only.

<sup>5</sup> In 1993, the NFS was replaced by the June Crops Survey and the July Livestock Survey.

<sup>6</sup> The NFS did not cover Newfoundland for 1992.

<sup>7</sup> Prairie provinces only. These data are not available for 1992.

<sup>8</sup> The JCS does not cover Newfoundland.

<sup>9</sup> The JLS does not cover Newfoundland.

<sup>10</sup> The FFS was originally collected by the Farm Credit Corporation under the name "Farm Survey". The dates listed are for reference years 1987, 1989, 1991, 1992, 1993 and 1995 respectively.

<sup>11</sup> Prairie provinces and British Columbia only.

## 2.3 SELECTION CRITERIA

The WFDB can produce tables using any of the available variables from each data source as selection criteria. However, the production of cross tabulations among the various data sources is limited to a group of descriptive variables, known as the "core" variables, common to each. Financial data from the Taxation Data Program, for example, could not be tabulated by number of animals on a farm since this particular data source does not collect any variables on livestock inventories.

This limitation is being addressed through the development of new sampling procedures that will optimize the selection of individual farms common to the different data sources. Ideally, the result will be a more complete set of whole farm data for the *targeted* farms.

The "core" variables (see Table 2.1 below), are divided into three information groupings: regional, farm type, and farm operator. It is the "core" variables that enable the structured disaggregation of the WFDB. As these variables are common to each of the data sources, the data base is capable of offering tabulations with the same selection criteria, (e.g., revenues and expenses from TDP, livestock inventories from JLS, and assets and liabilities from the FFS could all be produced for the same census division, farm type, and revenue class). **Although all of the core variables are available for each record, disaggregations will be somewhat limited by the data quality and the number of respondents for a given variable**, (e.g., data cannot be disaggregated by a single postal code, however, the postal codes are included on the individual records, allowing a user to specify a group of codes to create a custom region).

Table 2.1 : Core Variables

REGIONAL INFORMATION	FARM INFORMATION	OPERATOR INFORMATION*
- province	- 'primary farm type'	- age
- census agricultural region	- 'secondary farm type'	- sex
- census division	- revenue	- marital status
- census sub-division	- type of organization	
- federal electoral district	- degree of specialization - 'primary farm type'	
- enumeration area	- degree of specialization - 'secondary farm type'	
- soil zone		
- postal code		

\* Only available for unincorporated farm operators.

The core variables are defined in Appendix A.

## 2.4 STANDARD OUTPUT FORMATS

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The WFDB can provide estimates for every variable collected on all data sources. However, for reasons of quality and consistency, a specific series of agricultural variables in a standard output format has been devised for each source. Once combined, these series create a comprehensive set of physical and financial data at the *whole farm level*. The variables selected from each source are complementary, thus providing more thorough coverage of the agricultural sector on an annual basis.

In practical terms, these formats will produce tables from the WFDB containing the most concise and reliable estimates. The standard output formats are listed in Table 2.2 on the following pages.

The TDP variables listed in the *Suggested Standard Output Formats* are defined in Appendix B. The JCS, JLS and FFS variables are described on the individual survey questionnaires in Appendix E.

## 2.5 DATA QUALITY

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### 2.5.1 Sampling Errors

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All of the estimates produced by the WFDB are products of samples. As such, they are subject to possible sampling errors. Sampling errors arise when observations are based only on a sample and not the population as a whole. The size of the sample, the variability of the characteristic of interest in the population, the sampling design, and the estimation method are all factors that will affect the quality of the estimates. In sample surveys, since inference is made about the entire population based on data obtained from only a part of the population, the results are likely to be different than if a complete census was taken under the same survey conditions. The most important feature of probability sampling is that the sampling error can be measured from the sample itself.

Each estimate released through the WFDB is assigned a *coefficient of variation* (C.V.) as a measure of data quality. The C.V. is an objective statistical measure obtained through random sampling of the variation between each estimate and its "true" value. By measuring the sampling error of the estimate it indicates the degree of confidence that should be placed on the individual data points. It is the user's responsibility to determine if an estimate with a significant C.V. is appropriate for use.

The following is a suggested C.V. rating system:

<u>C.V.</u>	<u>Rating</u>
0.01% - 4.99%	- very good
5.0 % - 9.99%	- good
10.0 % - 14.99%	- acceptable but use with caution
15.0 % - 24.99%	- use with caution unless independent data source concurs with the estimate value
25.0% +	- unreliable



# Table 2.2 Standard Output Formats

## Taxation Data Program

R000 Estimated Number of Farms

Operating Revenues		Operating Expenses	
R400	All Wheat	R230	Fertilizer & Lime
R401	Oats	R235	Pesticides
R402	Barley	R240	Seed & Plants
R405	Canola (Rapeseed)	R264	Non-Specified Greenhouse & Nursery Expenses
R406	Soybeans	R265	Containers, Twine & Baling Wire
R407	Corn	R2102	Other Crop Expenses
R423	Other and Non-Specified Small Grains	<b>R2105</b>	<b>Total Crop Expenses</b>
R2002	Other and Non-Specified Grains & Oilseeds		
<b>R2005</b>	<b>Total Grains &amp; Oilseeds</b>	R245	Cattle Purchases
		R246	Swine Purchases
R410	Potatoes	R247	Poultry & Egg Purchases
R2006	Fruits & Vegetables	R248	Sheep & Lamb Purchases
R412	Tobacco	R249	Other Livestock Purchases
R415	Greenhouse & Nursery Products	R250	Feed, Supplements, Straw & Bedding
R435	Forage Crops (including Forage Seed)	R255	Vet. Fees, Medicine & Breeding Fees
R437	Unspecified Crops (Quebec only) <sup>1</sup>	R2107	Other Livestock Expenses
R2007	Other Crops	<b>R2110</b>	<b>Total Livestock Expenses</b>
<b>R2010</b>	<b>Total Other Crops</b>		
		R270	Small Tools
<b>R2015</b>	<b>Total Crop Revenues</b>	R2111	Net Machinery/Truck/Auto Expenses (Fuel)
		R2112	Repairs, Licences/Insurance
R2016	Cattle & Semen	<b>R2120</b>	<b>Total Machinery Expenses</b>
R441	Swine		
R2017	Poultry & Eggs	R2121	Salaries (including CPP, QPP, UI)
R443	Sheep & Goats	R2122	Rent
R2018	Dairy Products & Subsidies	R275	Insurance
R2019	Other Livestock & Products	R285	Telephone (Farm Share)
<b>R2025</b>	<b>Total Livestock &amp; Product Revenues</b>	R2123	Net Electricity (Farm Share)
		R295	Heating Fuel (Farm Share)
R2026	Program Payments (excluding insurance proceeds)	R300	Custom Work & Machine Rental
R475	Custom Work & Machine Rental	R2126	Net Interest Expenses
R2027	Rental Income	R2127	Net Property Tax
R490	Insurance Proceeds	R2128	Building & Fence Repairs
R2028	Forest & Maple Products	R2129	Marketing Expense
R2004	Cash Advances (Net)	R2131	Miscellaneous Farm Expenses
R2029	Miscellaneous Revenues	<b>R2135</b>	<b>Total General Expenses</b>
<b>R2035</b>	<b>Total Other Revenues</b>		
		<b>R2140</b>	<b>Total Operating Expenses</b>
<b>R2040</b>	<b>Total Operating Revenues</b>		
		<b>R2500</b>	<b>Net Operating Income</b>
R458	Quota Sale Income		
R469	CCA Recaptured	R310	Clearing & Improving Land
R2041	Inventory Adjustments	R316	Tile Drainage
R2042	Non-Applicable Income	R2141	Inventory Adjustments
<b>R2045</b>	<b>Total Income Adjustments</b>	R330	Capital Cost Allowance
		R331	Allowance on Eligible Capital Property
<b>R2050</b>	<b>Gross Farm Income for Tax Purposes</b>	R350	Non-Applicable Expenses
		R2142	Other Expense Adjustments
		<b>R2145</b>	<b>Total Expense Adjustments</b>
		<b>R2150</b>	<b>Total Expenses for Tax Purposes</b>

<sup>1</sup> Not applicable after 1992.



## Table 2.2 Standard Output Formats - Continued

### Taxation Data Program - Concluded

R000 Estimated Number of Farms

#### Additions and Disposals of Depreciable Assets<sup>1</sup>

Additions		Disposals	
S101	Class 1	S201	Class 1
S102	Class 2	S202	Class 2
S103	Class 3	S203	Class 3
S106	Class 6	S206	Class 6
S107	Class 7	S207	Class 7
S108	Class 8	S208	Class 8
S109	Class 9	S209	Class 9
S110	Class 10	S210	Class 10
S112	Class 12	S212	Class 12
S116	Class 16	S216	Class 16
S117	Class 17	S217	Class 17
S134	Class 34	S234	Class 34
S150	Quota	S250	Quota
S160	Other	S260	Other
<b>S199</b>	<b>TOTAL</b>	<b>S299</b>	<b>TOTAL</b>

R000 Estimated Number of Individuals or Farm Families

#### Off-farm Income of Operators and Farm Families

T6010	Wages & Salaries
T6020	Net Business Income
T6030	Net Professional Income
T6040	Net Commission Income
T6050	Net Fishing Income
T6060	Net Off-farm Self-employment
T6070	Investment Income
T6080	Pension Income
T6090	Other Off-farm Income
T6091	Taxable Capital Gains
T6092	RRSP
<b>T6100</b>	<b>Total Off-farm Income</b>

<sup>1</sup> Net business portion.

**Table 2.2 Standard Output Formats - Continued**

**National Farm Survey**

R000

Estimated Number of Farms

Crops : Land Use		Livestock Inventories	
C280	Total Wheat	C403	Bulls 1 Year & Over
C208	Oats	C404	Dairy Cows
C209	Barley	C405	Beef Cows
C234	Canary Seed	C406	Dairy Heifers 1 Year & Over
C235	Fababeans	C407	Beef Heifers 1 Year & Over
C213	Mixed Grains	C402	Slaughter/Feeder Heifers 1 Year & Over
C282	Total Rye	C408	Steers 1 Year & Over
C216	Corn for Grain	C409	Calves Under 1 Year
C226	Buckwheat	C410	<b>Total Cattle &amp; Calves</b>
C215	Canola (Rapeseed)		
C228	Soybeans	C605	Boars 6 Months & Over
C214	Flaxseed	C606	Sows for Breeding & Bred Gilts
C224	Mustard Seed	C607	Pigs < 45 lbs
C230	Sunflower Seed	C608	Pigs 45 - 130 lbs
C1010	<b>Total Grains &amp; Oilseeds</b>	C609	Pigs > 130 lbs
		C610	<b>Total Pigs</b>
C223	Peas (Dry)		
C229	Beans (Dry, White)	C302	Ewes 1 Year & Over
C231	Lentils	C303	Lambs Under 1 Year - Breeding
C236	Beans (Dry, Coloured)	C304	Lambs Under 1 Year - Slaughter
C1020	<b>Total Dry Field Peas and Beans</b>	C301	Rams 1 Year & Over
		C331	Wethers 1 Year & Over
C217	Corn for Fodder	C310	<b>Total Sheep &amp; Lambs</b>
C220	Tame Hay		
C218	Potatoes	C323	Hens & Pullets 20 Weeks & Over
C221	Fruits & Vegetables	C325	Other Poultry
C227	Tobacco	C335	Other Livestock
C225	Other Crops	C1200	<b>Total Other Livestock</b>
C1030	<b>Total Other Crop Acreages</b>		
C1050	<b>Total Crop Acreages</b>		
C222	Seeded Pasture		
C219	Summerfallow		
C241	Other Land		
C1100	<b>Total Area of Farms</b>		

## Table 2.2 Standard Output Formats - Continued

### June Crops Survey

R000 Estimated Number of Farms

#### Crops : Land Use

C280	Total Wheat	C217	Corn for Fodder
C208	Oats	C220	Tame Hay
C209	Barley	C218	Potatoes
C234	Canary Seed	C227	Tobacco <sup>1</sup>
C235	Fababeans	C225	Other Crops
C213	Mixed Grains	<b>C1030</b>	<b>Total Other Crop Acreages</b>
C282	Total Rye		
C216	Corn for Grain	<b>C1050</b>	<b>Total Crop Acreages</b>
C226	Buckwheat		
C215	Canola (Rapeseed)	C222	Seeded Pasture
C228	Soybeans	C219	Summerfallow
C214	Flaxseed	C241	Other Land
C224	Mustard Seed	<b>C1100</b>	<b>Total Area of Farms</b>
C230	Sunflower Seed		
<b>C1010</b>	<b>Total Grains &amp; Oilseeds</b>		
C223	Peas (Dry)		
C229	Beans (Dry, White)		
C231	Lentils		
C236	Beans (Dry, Coloured)		
<b>C1020</b>	<b>Total Dry Field Peas &amp; Beans</b>		

### July Livestock Survey

R000 Estimated Number of Farms

#### Livestock Inventories

C403	Bulls 1 Year & Over	C302	Ewes 1 Year & Over
C404	Dairy Cows	C303	Lambs Under 1 Year - Breeding
C405	Beef Cows	C304	Lambs Under 1 Year - Slaughter
C406	Dairy Heifers 1 Year & Over	C301	Rams 1 Year & Over
C407	Beef Heifers 1 Year & Over	C331	Wethers 1 Year & Over
C402	Slaughter/Feeder Heifers 1 Year & Over	<b>C310</b>	<b>Total Sheep &amp; Lambs</b>
C408	Steers 1 Year & Over		
C409	Calves Under 1 Year	<b>C335</b>	<b>Other Livestock<sup>1</sup></b>
<b>C410</b>	<b>Total Cattle &amp; Calves</b>		
C605	Boars 6 Months & Over		
C606	Sows for Breeding & Bred Gilts		
C607	Pigs < 45 lbs		
C608	Pigs 45 - 130 lbs		
C609	Pigs > 130 lbs		
<b>C610</b>	<b>Total Pigs</b>		

<sup>1</sup> Not applicable before 1994.

**Table 2.2 Standard Output Formats - Continued**

**Farm Financial Survey**

R000 Estimated Number of Farms

Assets		Liabilities	
<b>Current Assets</b>		<b>Current Liabilities</b>	
F309	Cash, Bonds, Savings, Stocks, Shares, RRSP's	F4401	Federal Government
F305	Accounts Receivable	F403	Provincial Government
F306	Inputs	F410	Banks, Trusts, etc.
F307	Crops for Sale	F405	Caisses Populaires & Credit Unions
F308	Market Livestock	F407	Machinery & Supply Companies
<b>F3001</b>	<b>Total Current Assets</b>	F408	Private Individuals
		F409	Others
		<b>F441</b>	<b>Total Current Liabilities</b>
<b>Long-Term Assets</b>		<b>Long-Term Liabilities</b>	
F301	Farm Land & Buildings Owned	F4402	Federal Government
F302	Breeding & Replacement Livestock	F483	Provincial Government
F303	Machinery & Equipment	F480	Banks, Trusts, etc.
F304	Quota	F485	Caisses Populaires & Credit Unions
F656	NISA <sup>1</sup>	F487	Machinery & Supply Companies
<b>F3002</b>	<b>Total Long-Term Assets</b>	F488	Private Individuals
		F489	Others
F391	Other Assets	<b>F4001</b>	<b>Total Long-Term Liabilities</b>
<b>F3003</b>	<b>Total Farm Assets</b>	<b>F4002</b>	<b>Total Farm Liabilities</b>
F350	Non-Farm Assets	F450	Non-Farm Liabilities
		<b>F4003</b>	<b>Total Net Worth</b>

<sup>1</sup> Not applicable before the 1995 reference year.



## Table 2.2 Standard Output Formats - Concluded

### Farm Financial Survey - Concluded

R000 Estimated Number of Farms

#### Capital

##### Capital Investments

F201	Farm Real Estate Purchased
F202	Land Improvements
F203	House Construction or Major Renovation
F204	Other Building Construction or Renovation
F205	Breeding & Replacement Livestock
F206	Quota Purchased
F261	Farm Machinery & Equipment, Net <sup>1</sup>
F264	Farm Machinery & Equipment, Gross <sup>2</sup>
F217	Other Farm Assets
<b>F2001</b>	<b>Total Capital Investments<sup>3</sup></b>

**F250 Total Non-Farm Investments**

##### Capital Sales

F233	Land & Buildings
F237	Machinery & Equipment Traded-In <sup>2</sup>
F234	Machinery & Equipment Sold Outright
F235	Quota sold
F236	Breeding & Replacement Livestock
<b>F2002</b>	<b>Total Capital Sales<sup>4</sup></b>

##### Long-Term Capital Borrowed

F5501	Federal Government
F583	Provincial Government
F580	Banks, Trusts, etc.
F585	Caisses Populaires & Credit Unions
F587	Machinery & Supply Companies
F588	Private Individuals
F589	Others
<b>F5001</b>	<b>Total Long-Term Capital Borrowed</b>

<sup>1</sup> Applicable before the 1992 reference year.

<sup>2</sup> Applicable after the 1991 reference year.

<sup>3</sup> After the 1991 reference year, includes gross expenditures (before trade-in) on farm machinery and equipment. Before the 1992 reference year, includes net cost after trade-in.

<sup>4</sup> After the 1991 reference year, includes machinery and equipment traded-in.

## 2.5.2 Non-sampling Errors

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Non-sampling errors can occur whether an estimate is based on a sample or on a complete census. These errors can occur at various stages of data processing (e.g., coding, data entry, editing, weighting, and tabulation) and include errors introduced inadvertently by the respondents. Such errors are reduced through extensive edits and data analysis. However, some limitations have been identified:

- In Saskatchewan, due to the unreliability of the TDP Census Sub-division (CSD) breakdowns, Census Agricultural Regions (CAR's) cannot be reliably determined.
- The TDP is unable to assign farm types to certain crop farms in Quebec; these farms have been classified as "unspecified crop farms" (see Appendix A). This limitation has been addressed by subject matter specialists. Since the 1993 taxation year, the "unspecified crops" revenues have been allocated to the crop type.
- TDP estimates for the Peace River region in British Columbia are unavailable for the years 1988 and 1989.

## 2.6 CONFIDENTIALITY

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Statistics Canada is aware of the importance of maintaining a strict level of confidentiality for all of its data sources. All tabulated data are subject to restrictions prior to release. Several computerized checks are performed on all data cells to prevent the publication or disclosure of any information deemed confidential.

For each of the tabulations produced the *estimated number of farms* is rounded to the base "5" and the estimates of the other variables within that table are adjusted by a variable factor. The estimated number of farm families is rounded to the base "10". Should the degree of detail to answer user requests create confidentiality concerns, the affected data or the entire table will be automatically suppressed by the data base system.

This method preserves the confidentiality of the data, without jeopardizing the quality of the estimates.

## 3.0 PRODUCTS AND SERVICES

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### 3.1 INTRODUCTION

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To satisfy a variety of user needs, the WFDB offers a diverse collection of products and services. From an annual publication of Taxation Data Program financial data, a biennial diskette publication of Farm Financial Survey financial data to the Extraction System of Agricultural Statistics (ESAS) and customized requests, the WFDB Project

Team is dedicated to offering users the data they need whether in hard copy or electronic format.

### **3.2 ANNUAL PUBLICATION**

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*Agricultural Financial Statistics*, (STC cat. no. 21-205-XPB) consists of a series of statistical tables featuring estimates derived from the Taxation Data Program. Included in this publication are: complete itemizations of operating revenues and expenses; and sources and levels of farm and off-farm income for unincorporated operators and farm families, all presented by province, farm type, and revenue class. The tables are accompanied by text outlining concepts, methods and data highlights.

The most current version of *Agricultural Financial Statistics* is available at a cost of \$45.00 Cdn. New editions are published annually in the spring. To obtain a copy just fill out the order form provided at the end of this document.

### **3.3 BIENNIAL DISKETTE PUBLICATION**

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*Farm Financial Survey*, (STC cat. no. 21F0008XDB) consists of a series of statistical tables featuring estimates derived from the Farm Financial Survey. Included in this diskette publication are: financial balance sheets by region, financial structure by farm type and region and by sales class, and capital investments and capital sales by region. The tables are supplemented by charts and text outlining concepts, methods and data highlights.

The first issue of this diskette publication, *Farm Financial Survey*, will be available in the fall of 1996 at a cost of \$50.00 Cdn. New editions will be published every two years in the fall. To obtain a copy just fill out the order form provided at the end of this document. A discount of 50% is available to all educational institutions.

### **3.4 EXTRACTION SYSTEM OF AGRICULTURAL STATISTICS**

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The *Extraction System of Agricultural Statistics*, ESAS (STC cat. no. 21F0001XCB), is a compilation of the most commonly requested estimates from the Whole Farm Data Base. This CD-ROM product has been designed to provide you with desktop access to a wide array of physical and financial farm statistics. The system offers: a complete itemization of operating revenues and expenses; sources and levels of farm and off-farm income for operators and farm families; assets, liabilities and capital investment for farms; and information on land use and livestock inventories by region, farm type and revenue class. Users have the option of selecting pre-defined tables or customizing a tabulation to meet specific needs. The resulting tabulations can be viewed on-line, printed, or exported to another computer application.

The 1996 version of ESAS also allows users to calculate percentage changes.

ESAS is offered at a price of \$925. Annual updates are available at a cost of just \$495 after the purchase of the initial package. A discount of 50% is available to all educational institutions.

If you would like to order ESAS, refer to the order form at the back of this document. If you are undecided, demonstration packages are also available upon request.

### **3.5 CUSTOMIZED REQUESTS**

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Customized tables are another option available to users of the WFDB. Users should be prepared to specify the type of components required (see Section 2.2), (e.g., off-farm income, livestock inventories), the applicable data sources, and the appropriate "core variable" disaggregation, (e.g., farm type, revenue class, region).

Customized WFDB tables are available on hard copy or in ASCII format (on diskette).

It is important to note that the degree of detail for certain requests may limit data availability due to confidentiality concerns, and as a result some data will be suppressed.

The cost of customized WFDB products varies according to the size and the complexity of the request.

### **3.6 ORDERING WFDB PRODUCTS AND SERVICES**

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For more information about the Whole Farm Data Base please write to:

Whole Farm Data Projects Section  
Agriculture Division  
Statistics Canada  
12th Floor, Jean Talon Building  
Ottawa, Ontario K1A 0T6

or call (613) 951-5027

or fax (613) 951-3868

To order *Agricultural Financial Statistics*, *Farm Financial Survey* or *ESAS*, please refer to the order form provided at the end of this document.



**APPENDIX A**

**DESCRIPTION OF CORE VARIABLES**

## REGIONAL INFORMATION

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**\*Province:** Refers to the major political divisions of Canada. From a statistical point of view, provinces are a basic unit used to tabulate and cross-classify data.

**\*Census Agricultural Region<sup>1</sup>:** More commonly referred to as a **CAR**, this subprovincial geographic division is used by the Census of Agriculture for disseminating agricultural statistics and the WFDB uses it for the same purpose. In all provinces except Newfoundland, Prince Edward Island and Saskatchewan, it is a contiguous group of **census divisions**. In Saskatchewan, agricultural regions are groupings of **census consolidated subdivisions**, but these groupings do not necessarily respect census division boundaries. Census agricultural regions have not been defined for Newfoundland and Prince Edward Island.

**Census Division:** These are intermediate geographic areas between the census sub-division and the province. They have been established by provincial law, with the exception of those in Newfoundland, Manitoba, Saskatchewan, and Alberta. In these provinces, the census divisions have been created by Statistics Canada in co-operation with the province. The census divisions correspond to existing counties, districts, regions, municipalities, etc.

**Census Sub-division:** Applies to municipalities, as defined by provincial law, and geographic areas equivalent to municipalities, created by Statistics Canada in Newfoundland, Nova Scotia, and British Columbia, with co-operation of the provinces.

**Enumeration Area:** This is used by the census to refer to a geographic area canvassed by one census representative.

**Federal Electoral District:** These districts include any place or territorial area entitled to return a member to serve in the House of Commons (source: **Canada Elections Act**, 1990).

**Postal Code:** This is a six-digit alpha-numeric code detailed and maintained by Canada Post Corporation for the processing of mail.

**Soil Zone:** This division is applicable only in the Prairie provinces and it refers to four different types of soil: grey, brown, dark brown, and black.

## FARM INFORMATION

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**\*Farm Type:** For each data source, the type of farm is based on a percentage of agricultural sales. The commodity or commodity group that makes up 51% or more of the sales determines the **primary** farm type that will be assigned to an individual farm. Farms are also assigned a **secondary** farm type which is determined by the next highest percentage of commodity sales. *Standard Industrial Classification* (SIC 4 digit codes), acts as a basis for classifying the farm types. In some cases, the WFDB has added a fifth digit to the codes to further breakdown the farm type.

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<sup>\*</sup> Indicates variables currently available on ESAS.

<sup>1</sup> The CARs are outlined on the maps found in **Appendix D** (pages D1 to D8). All of the maps are based on 1991 Census boundaries.

Another core variable offered for further disaggregation is the **degree of specialization**. This variable is an indication of the level of concentration of total agricultural sales in relation to the sale of commodities or commodity groups as indicated by the farm type. For example, if a cattle farm receives 90% of its total agricultural sales from the sale of cattle, then the degree of cattle specialization would thus be 90%.

Listed below are the 11 most commonly requested farm types. These are available for each of the data sources and they can also be found on the *Extraction System of Agricultural Statistics*. For a complete set of farm types and their respective availability see **Table A.1**.

<b>Farm Type</b>	<b>WFDB Code</b>
Dairy	1110
Cattle	1120
Hogs	1130
Poultry and Eggs	1140
Livestock Combination	1190
Grain and Oilseed	9990
Potato	1380
Tobacco	1370
Fruit and Vegetable	1500
Greenhouse and Nursery	1625
Other Farm Types	9995

**\*Revenue:** Refers to the total operating revenues. That is, all revenues from the sale of agricultural commodities as well as agriculture payments and subsidies. Also included are sales from forest products and interfarm sales.

The WFDB makes use of standard revenue classes which are available for the pre-determined tables. These pre-determined classes are the same as those used by the Census of Agriculture when producing estimates. The levels are:

\$ 10,000	to	\$ 24,999
\$ 25,000	to	\$ 49,999
\$ 50,000	to	\$ 99,999
\$ 100,000	to	\$ 249,999
\$ 250,000	to	\$ 499,999
\$ 500,000	and over	

**Type of Organization:** The types of organizations are defined as incorporated and unincorporated farms.

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\* Indicates variables currently available on ESAS.

## **OPERATOR INFORMATION:**

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**Age:** Each of the data sources provides the age of the principal farm operator.

**Sex:** Data on the gender of the farm operator is also available from the data sources.

**Marital Status:** Marital status is defined by 5 variables: married, widow(er), divorced, separated or single.



**Table A.1 Farm Type Codes and Availability**

WFDB CODE	FARM TYPE	TDP	NFS	JCS	JLS	FFS
1100	LIVESTOCK	✓	✓	✓	✓	✓
1110	Dairy	✓	✓	✓	✓	✓
1120	Cattle	✓	✓	✓	✓	✓
1121	Cattle, cow-calf		✓			✓
1122	Cattle, feeders - cow-calf		✓			✓
1123	Cattle, feedlot cattle		✓			✓
1124	Cattle, other cattle		✓			✓
1130	Hogs	✓	✓	✓	✓	✓
1131	Hogs, farrowing		✓			✓
1132	Hogs, finishing		✓			✓
1133	Hogs, farrowing and finishing		✓			✓
1134	Hogs, other hogs		✓			✓
1140	Poultry and eggs	✓	✓	✓	✓	✓
1141	Poultry	✓	✓	✓	✓	✓
1142	Eggs	✓	✓	✓	✓	✓
1143	Turkeys					✓
1144	Other poultry					✓
1149	Poultry and egg combo	✓	✓	✓	✓	
1150	Sheep, goats and lambs	✓	✓	✓	✓	✓
1190	Livestock combination	✓	✓	✓	✓	✓
1200	OTHER ANIMAL SPECIALTY	✓	✓	✓	✓	✓
1210	Honey and related products	✓		✓	✓	✓
1220	Horses and other					✓
1230	Furs and skins	✓		✓	✓	✓
1290	Other animal specialty	✓	✓	✓	✓	✓
1299	Animal combo total	✓	✓	✓	✓	
1300	FIELD CROPS	✓	✓	✓	✓	✓
1310	Wheat	✓	✓	✓	✓	
1320	Small grains	✓	✓	✓	✓	✓
1330	Oilseeds	✓	✓	✓	✓	
1340	Grain corn	✓	✓	✓	✓	
1350	Forage crop	✓	✓	✓	✓	
1360	Dry peas and beans	✓	✓	✓	✓	
1370	Tobacco	✓	✓	✓	✓	✓
1380	Potatoes	✓	✓	✓	✓	✓
1390	Other crops	✓	✓	✓	✓	✓
1396	Grains					✓
1397	Specialty crops					✓
1395	Crops unspecified (Quebec only) <sup>1</sup>	✓				

<sup>1</sup> Not applicable after 1992.

**Table A.1 Farm Type Codes and Availability - Concluded**

WFDB CODE	FARM TYPE	TDP	NFS	JCS	JLS	FFS
1400	FIELD CROP COMBINATION	✓	✓	✓	✓	
1405	Grains & oilseeds combo <i>(combo of wheat, small grains, oilseeds, grain corn, or dry peas and beans)</i>	✓	✓	✓	✓	
1409	Other field crop combo	✓	✓	✓	✓	
9990	ALL GRAINS AND OILSEEDS (including all of sections 1300 and 1400, except for 1350, 1370, 1380, 1390, 1397 and 1409)	✓	✓	✓	✓	✓
1500	FRUITS AND VEGETABLES	✓	✓	✓	✓	✓
1510	Fruits	✓		✓	✓	✓
1511	Apples	✓		✓	✓	
1512	Blueberries	✓		✓	✓	
1513	Other fruits	✓		✓	✓	
1514	Fruit combo	✓		✓	✓	
1520	Vegetables	✓		✓	✓	✓
1590	Fruits and vegetables combo	✓	✓	✓	✓	
1600	HORTICULTURE	✓	✓	✓	✓	✓
1610	Mushrooms	✓		✓	✓	
1620	Greenhouse					✓
1625	Greenhouse and nursery	✓	✓	✓	✓	✓
1690	Other horticulture products	✓		✓	✓	✓
1691	Ginseng	✓		✓	✓	
1692	Maple products	✓		✓	✓	✓
1693	Christmas trees	✓		✓	✓	
1694	Other horticulture	✓		✓	✓	
1699	Horticulture combo	✓		✓	✓	
1700	LIVESTOCK, FIELD CROP and HORTICULTURE COMBO	✓	✓	✓	✓	✓
1800	NO FARM TYPE ASSIGNED	✓	✓	✓	✓	✓

**APPENDIX B**

**DEFINITION OF TDP VARIABLES**

## DEFINITION OF TDP VARIABLES

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The WFDB offers a wide range of physical and financial variables from several survey sources. The suggested formats are listed in Table 2.2 (pages 5 to 10). Although other variables are available, those listed in the table are recommended as the most reliable estimates, maximizing the usefulness of each of the data sources.

Listed and defined below and on the subsequent pages are the TDP suggested variables. All of the 4 digit codes signify aggregations and their contents are listed and defined wherever necessary.

### Revenue

- R400 All Wheat - winter wheat, spring wheat, durum wheat, red spring wheat and utility wheat
- R401 Oats
- R402 Barley
- R405 Canola (Rapeseed)
- R406 Soybeans
- R407 Corn - grain corn and seed corn
- R423 Other and Non-Specified Small Grains - used when an aggregate amount or an amount for other small grains was reported
- R2002 Other and Non-Specified Grains & Oilseeds - includes:
  - R403 rye
  - R404 flaxseed
  - R416 dry peas and beans - white beans, kidney beans, dry peas, dry lentils and dry pulses
  - R418 other and non-specified oilseeds - used when an aggregate amount or an amount for other oilseeds was reported
- R2005 Total Grains & Oilseeds
- R410 Potatoes - table potatoes, seed and processing potatoes
- R2006 Fruits & Vegetables - Includes:
  - R408 apples
  - R409 other fruits - all fruits except apples and blueberries
  - R411 vegetables (non-greenhouse) - artichokes, asparagus, wax and green beans, table beets, broccoli, Brussels sprouts, cabbage, carrots, cauliflower, celery, sweet corn, cucumbers, garlic, horseradish, leeks, lettuce, onions, peas, peppers, pumpkins, radishes, rhubarb, rutabagas (turnips) table, spinach, squash, tomatoes, and vegetable seeds
  - R419 blueberries
- R412 Tobacco - flue-cured, leaf and dark tobacco
- R415 Greenhouse & Nursery Products - nursery, greenhouse or floriculture operations. Also included are: ornamental plants, shrubs and trees; cut and field grown flowers; rooted cuttings; seeds and bulbs; and sod and turf farms



- R435 Forage Crops (including Seed) - hay, alfalfa, clover and clover seed, alsike clover, timothy and fescue, as well as grass seed farming
- R437 Unspecified Crops (Quebec only) - used when an aggregate amount for crop revenues was reported (not applicable after 1992)
- R2007 Other Crops - includes:
  - R413 ginseng
  - R414 mushrooms
  - R427 other field crops - sugar beets, hops, mangels and turnips (for livestock feed)
- R2010 Total Other Crops
- R2015 Total Crop Revenues
- R2016 Cattle & Semen - includes:
  - R440 livestock sold - cattle - steers (feeder and stocker), heifers, cows (dairy and beef), calves and bulls
  - R468 semen - semen, stud service, embryo transplants or artificial insemination
- R441 Swine - also referred to as hogs, weaners, gilts, feeders, sows, stags, boars, and market pigs
- R2017 Poultry & Eggs - includes:
  - R442 livestock sold - poultry - chicks, pullets, hens, cockerels, capons, commercial broilers and roasters, turkeys, ducks, geese and other fowl
  - R445 eggs
- R443 Sheep & Goats - sheep, goats, lambs, wool, and goats milk
- R2018 Dairy Products & Subsidies - includes:
  - R450 milk and cream - for both fluid and industrial purposes
  - R455 dairy subsidies
- R2019 Other Livestock & Products - includes:
  - R444 livestock sold - other - other livestock such as horses, ponies, dogs, etc.
  - R460 bees, honey - bees, honey (natural and processed), and beeswax
  - R461 furs - fur-bearing animals raised in captivity and/or fur pelts, includes fox ranching, chinchilla ranching, mink ranching, and rabbit farming
  - R477 P.M.U. (pregnant mare's urine)
- R2025 Total Livestock & Product Revenues
- R2026 Program Payments (excluding insurance proceeds) - includes:
  - R430 all stabilization payments income
  - R472 Christmas tree grants, subsidies
  - R473 NISA
  - R476 Special Grains Program
  - R478 GRIP
  - R495 other subsidies - subsidy income other than dairy subsidies (e.g., hog incentive programs, acreage payments, assistance for clearing land, government grants, etc.)
  - R496 subsidies, reimbursements, rebates, patronage dividends, government payments, or payments from co-operatives - this code used when farm taxfiler reports an aggregate amount and no split can be obtained

- R475 Custom Work & Machine Rental - custom work, contract work, machinery leasing or rental, hauling, custom trucking, harvesting, combining, crop dusting or spraying, seeding, drying, packing, cleaning and treating of seeds
- R2027 Rental Income - includes:
- R457 quota rental income - (e.g., milk quota, tobacco quota, etc.)
  - R481 rental income: land & buildings
  - R482 other rental income - surface rental of oil or natural gas properties, right-of-way or road rent
- R490 Insurance Proceeds - insurance payments for loss of crops as a result of adverse weather conditions such as drought, loss of livestock due to disease or other causes, and other
- R2028 Forest & Maple Products - includes:
- R465 maple products - maple syrup, maple sugar, or maple taffy
  - R470 wood (incl. stumpage fees) - logs, trees, wooden fence posts or any related forest products such as chips or slab wood
  - R471 Christmas trees
  - less R353 logging expenses
- R2004 Cash Advances (Net) - R425 - cash advances less R315 cash advances repayment  
Note: this includes any Wheat Board Payments reported on statement.
- R2029 Miscellaneous Revenues - includes:
- R459 quota refund or levy refunds
  - R467 sand or gravel - sand, gravel, soil or top soil
  - R479 GST
  - R480 patronage dividends - (e.g., grain pools, payments from cooperatives, co-op proceeds, etc.)
  - R500 other farm income excl. rental income - miscellaneous, other or sundry income
  - R508 profit share income (or share)
  - R649 inputs bought for resale - sold - agricultural commodities sold which were bought, but no agricultural process applied to them, (e.g., fertilizers sold for resale, chemicals sold for resale, wood sold for resale, etc.)
  - R650 outputs bought for resale - sold - agricultural commodities bought in addition to what was grown or produced, (e.g., grain, fruits, produce, vegetables or berries, etc.)
  - R651 horse racing income (<100%) - relates to R354 (used when any horse racing expenses reported)
  - less R351 inputs bought for resale (see R649)
  - less R352 outputs bought for resale (see R650)
  - less R354 horse racing expense (<100%) (see R651)
- R2035 Total Other Revenues
- R2040 Total Operating Revenues
- R458 Quota Sale Income
- R469 CCA Recaptured - capital cost allowance recovered, recaptured from last year, etc.
- R2041 Inventory Adjustments - includes:
- R510 optional value of livestock, end of current year - livestock inventories only (prior to 1990)
  - R635 mandatory inventory adjustment<sup>1</sup>
  - R641 optional inventory adjustment<sup>1</sup>
- R2042 Non-Applicable Income - income not earned from the sale of farm products

<sup>1</sup> For definitions please refer to **Farming Income Tax Guide** available from Revenue Canada.

R2045 Total Income Adjustments

R2050 Gross Farm Income for Tax Purposes

## Expenses

R230 Fertilizer & Lime

R235 Pesticides - pesticides, herbicides, insecticides and fungicides or any other type of chemical such as sprays or dusts applied to crops or animals

R240 Seed & Plants - also ornamental plants, rooted cuttings and bulbs

R264 Non-Specified Greenhouse & Nursery Expenses - used when aggregate amount reported for greenhouse & nursery (*prior to 1990*)

R265 Containers, Twine & Baling Wire - bags, containers, twine, all types of materials used to package, contain or ship farm produce or products

R2102 Other Crop Expenses - includes:

R314 irrigation - any expense directly associated with irrigation on the farm including water rights

R324 crop supplies - used when aggregate or a single amount is reported for "crop supplies"

R2105 Total Crop Expenses

R245 Cattle Purchases - cattle, feeders, stockers, dairy or beef cows, bulls, and calves

R246 Swine Purchases - hogs such as service boars, gilts, sows, and weanlings

R247 Poultry & Egg Purchases - chicks, pullets, broilers, layer hens, ducks, geese, turkeys, and other fowl

R248 Sheep & Lamb Purchases - sheep, lambs, and goats

R249 Other Livestock Purchases - horses, ponies, minks, foxes, rabbits, ostriches, and bees (or colonies)

R250 Feed, Supplements, Straw & Bedding - hay, straw, feed grains such as oats, barley, and corn; supplements such as salt, minerals, vitamins, concentrates and milk replacer; and bedding items such as shavings, chips, and sawdust

R255 Vet. Fees, Medicine & Breeding Fees - veterinary fees and medicine as well as breeding fees, stud service and semen, embryo transplants, disease testing, neutering or spaying

R2107 Other Livestock Expenses - includes:

R312 D.H.I.A. and animal grading - Dairy Herd Improvement Association expenses and animal grading

R323 dairy or livestock supplies

R2110 Total Livestock Expenses

R270 Small Tools

R2111 Net Machinery/Trucking/Auto Expenses (Fuel) - includes:

R220 machinery and truck expenses - gasoline, diesel and oil

R225 automobile expenses (farm share) - gasoline and oil  
less R485 gasoline tax rebates

- R2112 Repairs, Licences/Insurance - includes:
  - R221 machinery and truck expenses - repairs, licences and insurance
  - R226 automobile expenses (farm share) - repairs, insurance and licences/permits
- R2120 Total Machinery Expenses
- R2121 Salaries (including CPP, QPP, UI) - includes:
  - R195 salaries (incl. CPP, QPP, or UI) - wages and salaries paid to hired help together with the cost of their board. Also includes wages and salaries paid to children and spouses and all employee benefits
  - less R605 salaries or wages paid to self
- R2122 Rent - includes:
  - R205 rent (land, buildings and pasture)
  - R318 quota rental
- R275 Insurance
- R285 Telephone (Farm Share)
- R2123 Net Electricity (Farm Share) - includes:
  - R290 electricity farm share
  - less R488 electricity rebates
- R295 Heating Fuel (Farm Share) - natural gas, coal or oil to heat farm buildings, as well as curing fuel for tobacco and fuel for crop-drying or greenhouses
- R300 Custom Work & Machine Rental - harvesting, combining, baling, threshing, crop dusting and spraying, soil preparation, planting and cultivating, grain drying, seed cleaning and treating, sheep dipping and shearing, livestock spraying, soil testing, blacksmithing, animal boarding and grooming, slaughtering, butchering, cutting and wrapping; and rental or leasing of machinery used for purpose of generating farm income
- R2126 Net Interest Expenses - includes:
  - R210 interest paid on real estate mortgages
  - R211 interest paid other than on real estate mortgages
  - less R487 interest rebates
- R2127 Net Property Tax - includes:
  - R215 property taxes on agricultural land and buildings as well as farm share of principal dwelling, also school and municipal taxes
  - less R486 property tax or land rebates
- R2128 Building & Fence Repairs - includes:
  - R260 building repairs
  - R261 fence repairs
- R2129 Marketing Expense - includes:
  - R305 freight and trucking - transportation of agricultural products to market
  - R328 selling costs - commissions, auctioneering charges, or road side stands
  - R332 marketing board fees - e.g., Milk Marketing Board, Egg Marketing Board, also dairy levies, milk quota or quota penalties
- R2131 Miscellaneous Farm Expenses - includes:
  - R280 accounting, legal, office, advertising, memberships, subscriptions
  - R283 insurance program overpayment recapture
  - R284 GRIP



- R308 share expenses
- R311 sand, soil and gravel
- R320 other farm expenses - miscellaneous or sundry
- R321 other farm expenses
- R322 farm supplies - e.g., oxygen and acetylene
- R333 stabilization levies or fees (government levies)
- R263 maple product expenses - when aggregate reported
- R267 wood expenses - when aggregate reported
- R307 raising expenses - when aggregate reported
- R317 expense for bad debts (incorporated farms only)
- R660 business use of home expense
- less R615 cost for saleable products consumed
- less R621 personal or non-business expenses

R2135 Total General Expenses

R2140 Total Operating Expenses

R2500 Net Operating Income - R2040 total operating revenues less R2140 total operating expenses

R310 Clearing & Improving Land - e.g., drilling or digging wells, removing stumps or rocks, etc.

R316 Tile Drainage

R2141 Inventory Adjustments - includes:

- R325 optional value of livestock, end of previous year - if value of livestock at end of previous year exceeds fair market value of livestock on hand, may be deducted (*not valid for 1990+*)
- R326 mandatory inventory adjustment<sup>2</sup>
- R327 optional inventory adjustment<sup>2</sup>

R330 Capital Cost Allowance - applies to amount deducted for depreciable property

R331 Allowance on Eligible Capital Property - all eligible capital expenditures to purchase intangible capital property for use in the farm business, e.g., milk quotas, tobacco quotas, or other government rights for an unlimited period

R350 Non-Applicable Expenses - expenses not incurred in order to produce farm income

R2142 Other Expense Adjustments - includes:

- R319 quota purchased
- R334 capital expense
- R309 capital tax

R2145 Total Expense Adjustments

R2150 Total Expenses for Tax Purposes

### Additions and Disposals of Depreciable Assets

The following percentages represent the rate at which Revenue Canada allows assets to be depreciated along with the more common items included in each class. For a more complete list of the depreciable assets included in each class refer to the **Farming Income Tax Guide**.

<sup>2</sup> For definitions please refer to **Farming Income Tax Guide** available from Revenue Canada.

<b>Class 1</b>	<b>4%</b> buildings acquired after 1987 dams
<b>Class 2</b>	<b>6%</b> permanent piping
<b>Class 3</b>	<b>5%</b> buildings acquired between 1978 and 1988 cement, steel, or stone docks cement or stone breakwaters
<b>Class 6</b>	<b>10%</b> wood breakwaters greenhouses fences - all types wood, galvanized, or portable buildings and component parts
<b>Class 7</b>	<b>15%</b> boats and component parts
<b>Class 8</b>	<b>20%</b> bee equipments grain or seed cleaners storage buildings drawn hay bailers and stokers tools over \$200 silo and silo fillers, etc.
<b>Class 9</b>	<b>25%</b> aircraft acquired after May 25, 1976 electric-generating equipment acquired before May 26, 1976 (not exceeding 15 Kw)
<b>Class 10</b>	<b>30%</b> automobiles (incl. passenger vehicles - Class 10.1) tractors, trailers, trucks, wagons, and sleighs, etc. computer hardware and systems software
<b>Class 12</b>	<b>100%</b> tools under \$200
<b>Class 16</b>	<b>40%</b> aircraft acquired before May 26, 1976
<b>Class 17</b>	<b>8%</b> roads and other surface areas (paved or concrete)
<b>Class 34</b>	<b>25 - 50%</b> wind-energy conversion equipment
<b>Class 50</b>	<b>Quota<sup>3</sup></b>
<b>Class 60</b>	<b>Other<sup>3</sup></b>

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<sup>3</sup> These classes were created by the Agriculture Division of Statistics Canada.

## Off-Farm Income of Operators and Farm Families<sup>4</sup>

- T6010 Wages & Salaries - includes:  
T101 employment income before deductions  
T104 other employment income including tips & gratuities  
less T109 deduction - other allowable expenses (*not applicable after 1987*)
- T6020 Net Business Income  
T135 business income
- T6030 Net Professional Income  
T137 professional income
- T6040 Net Commission Income  
T139 commission income
- T6050 Net Fishing Income  
T143 fishing income
- T6060 Net Non-Farm Self-Employment
- T6070 Investment Income - includes:  
T120 taxable amount of dividends  
T126 net rental income  
T121 interest and other investment income  
T122 net limited partnership income
- T6080 Pension Income - includes:  
T113 Old Age Security pension  
T114 CPP/QPP  
T115 other pensions or superannuation  
T146 net federal supplements<sup>5</sup>
- T6090 Other Off-farm Income - includes:  
T118 family allowance payments (*not applicable after 1992*)  
T119 unemployment insurance benefits  
T128 alimony or separation allowance  
T130 other income  
T144 Worker's Compensation payments<sup>5</sup>  
T145 social assistance payments<sup>5</sup>  
TCHIL child tax benefits<sup>6</sup>
- T6091 Taxable Capital Gains  
T127 taxable capital gains
- T6092 RRSP  
T129 registered retirement savings plan income
- T6100 Total Off-Farm Income

<sup>4</sup> The 3-digit codes are all (except TCHIL) from the **Revenue Canada Taxation T-1 General Taxation Form**, which are defined in **Your Guide: Federal and Provincial Tax Guide and Returns**.

<sup>5</sup> Not applicable before 1992.

<sup>6</sup> The Child Tax Benefit (CTB) Program was introduced in January 1993 (CTB replaced family allowance payments). Unlike 1994 estimates, these benefits were not included in the 1993 off-farm income estimates.

**APPENDIX C**

**SURVEY SAMPLES AND METHODOLOGIES**



## TAXATION DATA PROGRAM

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### The Sample

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The TDP annually samples unincorporated and incorporated taxfiler records to estimate a range of financial agricultural variables. Detailed income and expenses, additions and disposals of depreciable assets, and off-farm income of operators and farm families compose the variables produced by the TDP. All of the standard variables and their codes are listed in Table 2.2, (pages 5 and 6).

From 1987 to 1989, the TDP sampled both sectors, (incorporated and unincorporated), for all of the non-Prairie provinces. The unincorporated sector of the Prairie provinces was sampled in 1987. For the 1990 taxation year and all subsequent years the sample includes both sectors in all of the provinces.

*For further information about the sample size of all surveys, refer to Table C.1 WFDB - Provincial Data Availability and Sample Size by Sector.*

### The Methodology

---

TDP data is compiled from two separate sources: 1) a random sample of **unincorporated income tax returns** selected from the Self-Employment File for Agriculture (SEFA); and 2) a random sample of **incorporated tax returns** selected from the CORPAC file that were classified as farms (SIC) with sales of over \$25,000. The sampling rate varies depending on the province, from almost census size in Newfoundland to a 15 to 20% sample in Ontario.

Statistics Canada first captures all necessary data, (e.g., reported revenues, expenses and additions/disposals, etc.), from the tax records. The affected data is then subjected to a series of detailed edit and imputation procedures, after which it is expanded by the sampling "weight", adjusted according to the partnership share, and aggregated to arrive at the final estimates. Total operator's off-farm income items are estimated using the same approach except that the "weight" is not multiplied by the partnership share. Consideration is given by all of these procedures to the possibility of the sampled records reporting farm income but with sales that are not considered agricultural.

*More information on the sample and methodology of the Taxation Data Program is available in the publication "Agricultural Financial Statistics" (refer to Section 3.0 Products and Services, or to the order form provided at the end of this document).*

**Note:** Since the 1993 taxation year, communal farming organizations, such as Hutterite colonies, have been in-scope for the Taxation Data Program. A census of communal organizations that reported farming income on their T3 Trust Income Tax and Information Return is performed. Estimates with or without these organizations can be obtained.

## **TAXATION DATA PROGRAM - Farm Family Off-farm Income**

---

The sample and methodology for estimates on off-farm family income differ somewhat from the rest of the TDP because they are the result of a record linkage. TDP tax records are linked with a family file to produce total estimates for farm families. The family file is created by the Small Area and Administrative Data Division (SAADD) within Statistics Canada. SAADD's family file (T1FF) combines individual taxation records in order to create groups modeled after *Census families*.<sup>1</sup>

The TDP target family population (for off-farm family income statistics) is designed to include only those families operating single unincorporated agricultural holdings, (single-farm families). The TDP family sample is in effect a subsample of the regular TDP sample.

*More information on the sample and methodology of the TDP off-farm family estimates is available from Agriculture Division of Statistics Canada.*

## **NATIONAL FARM SURVEY**

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### **The Sample**

---

The NFS was conducted annually until the 1992 reference year and covered all the provinces. The three main types of agricultural variables targeted by the NFS were: cropland areas, livestock inventories, and certain financial components. All of the NFS variables that are recommended by the WFDB for the suggested formats are listed in Table 2.2, (page 7).

### **The Methodology**

---

Two types of sampling frames were employed by the NFS: a list frame and an area frame. The country was divided into three main geographical regions: the Canadian Wheat Board region (CWB), Ontario and Quebec, and the Maritimes (along with the part of British Columbia not included in the CWB). All farms that registered annual agricultural sales of \$250 or more were included in the survey.

The data collection process began with detailed NFS questionnaires requesting information on the size and use of farm land, detailed livestock inventories, and selected financial variables. Next, these questionnaires went through an extensive edit process which involved imputations for partial respondents. Sampling weights were adjusted for non-respondents and then assigned to the "usable" questionnaires to produce estimates.

---

<sup>1</sup> *Census families are defined as a husband and wife, legal or common law, with or without their never married children; or lone parent with at least one child, of any age, never married.*

## **JUNE CROPS SURVEY**

---

### **The Sample**

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The June Crops Survey is one of a series of annual probability surveys conducted in order to collect and disseminate data on seeding intentions, acreage seeded and harvested, yields, production and inventories for the main field crops in Canada.

For 1994, a sample of approximately 31,800 farms was drawn. This survey includes the acreage that growers seeded with field crops at the beginning of the 1994-1995 crop year. All of the JCS variables that are recommended by the WFDB for the suggested formats are listed in Table 2.2, (page 8).

### **The Methodology**

---

Every five years, the Census of Agriculture gathers information on agricultural holdings throughout Canada, including institutional farms, community pastures, Indian reserves, etc. The Census of Agriculture provides a list of the farms and their productive acreage, and it is on the basis of this list that a probability sample for the June Crops Survey is selected.

Two sampling frames are used for the June Crops Survey: a list frame and an area frame. The "list"-type frame represents all agricultural holdings in Canada as enumerated in the Census of Agriculture, except for institutional farms, farms on Indian reserves and farms in the Northwest Territories, Yukon and Newfoundland. This frame is stratified into homogeneous groups according to census characteristics (for example: farm size, productive acreage and farm type) and also according to provincial geographic boundaries. The area frame is made up of geographic regions and allows for including agricultural holdings that did not exist at the time of the last Census.

The data collection process is undertaken through the system of "Computer-Assisted Telephone Interviews" (CATI). With the CATI system, edit procedures can be carried out during the interview itself, thus lessening the need for telephone follow-up and reducing the respondent burden. No imputation is carried out for missing data, and theoretical weighting factors are adjusted through a process called weighting factor adjustment in cases of partial or total non-response.

## **JULY LIVESTOCK SURVEY**

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### **The Sample**

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The July Livestock Survey is a probability survey conducted each year. The farms surveyed are asked to report all animals within the agricultural holding, regardless of who the owner is.

For 1994, a sample was drawn of approximately 31,250 farms, including 1,350 by way of postal interviews and 29,900 by means of the CATI system. All of the WFDB suggested formats for these data are listed in Table 2.2, (page 8).



## **The Methodology**

---

Every five years, through the Census of Agriculture, information is gathered on all farms in Canada. Census farms include all agricultural holdings whose output is intended for sale, including feedlots, institutional farms, farms on Indian reserves, community pastures, community pasture reserves, etc.

Two sampling frames are used for the July Livestock Survey: a list frame and an area frame. The "list"-type frame represents farms that have been identified in the most recent Census. The area frame is made up of the geographic regions, and it allows for estimating livestock inventories on farms that did not exist at the time of the last Census.

The data collection process is conducted by means of both postal interviews and the CATI system. With the CATI system, edit procedures can be carried out during the interview itself, thus lessening the need for telephone follow-up and reducing the respondent burden. Farmers must report their inventories as of July 1. The questionnaires are put through numerous edit and imputation procedures before the final estimates are produced.

## **FARM FINANCIAL SURVEY**

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### **The Sample**

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The Farm Financial Survey (FFS), was known previous to 1992 as the Farm Credit Corporation (FCC) survey. The FCC survey was conducted in 1981, 1984, 1988 and 1990 (collecting data for 1980, 1983, 1987 and 1989). In 1992, the FFS targeted over 12,000 farms for the collection of annual detailed financial data. In 1993, due to budget constraints, the FFS reduced its sample to include only the Prairie provinces and British Columbia. Since 1994, this survey has been conducted on a biennial basis only. While the relatively small sample size of the FFS may constrain some disaggregations, it is capable of providing reliable financial agricultural data. All of the WFDB suggested formats for these data are listed in Table 2.2, (pages 9 and 10).

### **The Methodology**

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Like the NFS, the JCS and the JLS, the FFS uses two types of sampling frames, a list frame and an area frame<sup>2</sup>, to estimate detailed financial variables. The FFS questionnaires are also subjected to several edit and imputation procedures before the actual estimates are finalized.

*More detailed information on the methodology of the National Farm Survey, the June Crops Survey, the July Livestock Survey and the Farm Financial Survey is available upon request from the Agriculture Division of Statistics Canada.*

---

<sup>2</sup> Except for 1988 for which there was no area frame.



**Table C.1      WFDB - Provincial Data Availability and Sample Size by Sector (Standard Output Format)**

Reference Year	Variables	Availability	Sample size <sup>1</sup> Usable records		Total
			Unincorporated Sector (T1)	Incorporated Sector (T2)	
Taxation Data Program			Number of tax records		
1987	Revenues & expenses and Additions & disposal	All provinces except Prairies	36,301	4,384	40,685
	Operator off-farm income	All provinces except Prairies	34,628	-	34,628
1988 <sup>2</sup>	Revenues & expenses and Additions & disposal	All provinces except Prairies	25,210	4,592	29,802
	Operator off-farm income	All provinces except Prairies	24,338	-	24,338
1989 <sup>2</sup>	Revenues & expenses and Additions & disposal	All provinces except Prairies	26,033	4,583	30,616
	Operator off-farm income	All provinces except Prairies	25,034	-	25,034
	Farm family off-farm income	All provinces except Prairies	21,691	-	21,691
1990	Revenues & expenses and Additions & disposal	All provinces	39,542	9,223	48,765
	Operator off-farm income	All provinces	37,294	-	37,294
	Farm family off-farm income	All provinces	31,726	-	31,726
1991	Revenues & expenses and Additions & disposal	All provinces	48,616	9,862	58,478
	Operator off-farm income	All provinces	45,964	-	45,964
	Farm family off-farm income	All provinces	39,079	-	39,079
1992	Revenues & expenses and Additions & disposal	All provinces	49,826	9,553	59,379
	Operator off-farm income	All provinces	46,780	-	46,780
	Farm family off-farm income	All provinces	40,286	-	40,286
1993	Revenues & expenses and Additions & disposal	All provinces	56,069	9,309	65,378 <sup>3</sup>
	Operator off-farm income	All provinces	52,725	-	52,725
	Farm family off-farm income	All provinces	44,911	-	44,911
1994	Revenues & expenses and Additions & disposal	All provinces	53,810	10,640	64,450 <sup>3</sup>
	Operator off-farm income	All provinces	50,164	-	50,164
Reference Year	Variables	Availability	Sample size <sup>1</sup> Usable records		Total
			Unincorporated Sector	Incorporated Sector	
National Farm Survey			Number of farms		
1988	Cropland acreages	All provinces	16,043	5,186	21,229
	Livestock inventories	All provinces	16,043	5,186	21,229
	Certain financial components	Prairie provinces	4,559	597	5,156

<sup>1</sup> Number of usable records with operating revenues equal to or greater than \$10,000.

<sup>2</sup> Data for 1988 and 1989 are also not available for BC Peace Region.

<sup>3</sup> Excludes communal organizations.

**Table C.1      WFDB - Provincial Data Availability and Sample Size by Sector (Standard Output Format) - Concluded**

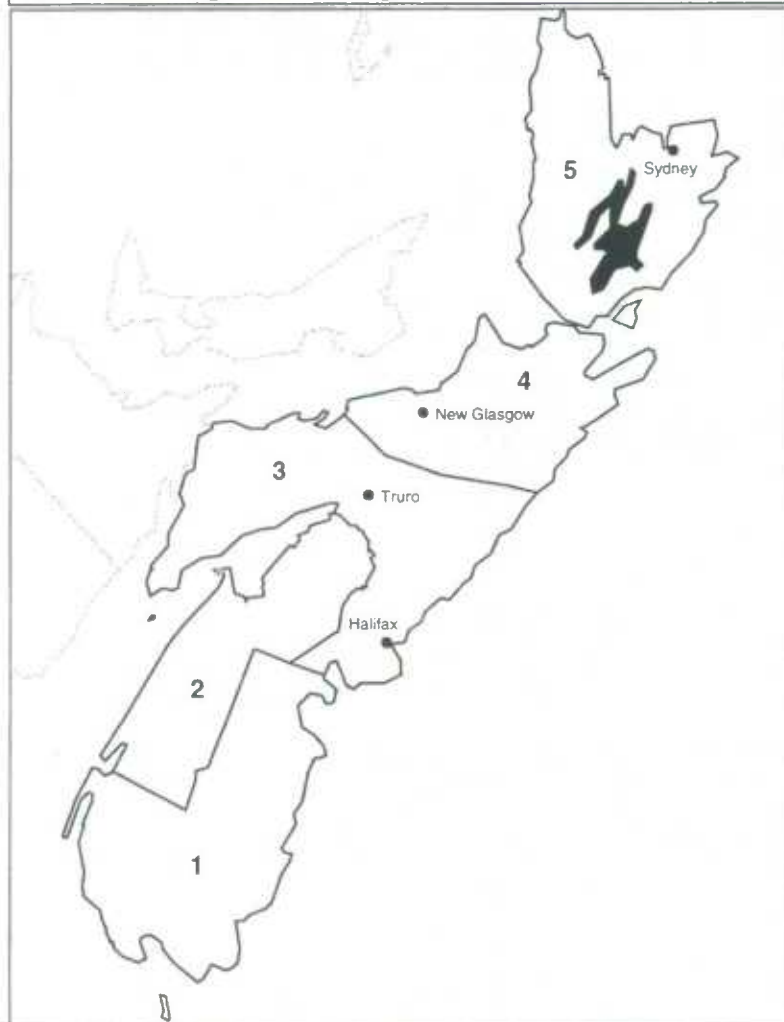
Reference Year	Variables	Availability	Sample Size <sup>1</sup> Usable records		Total
			Unincorporated Sector	Incorporated Sector	
National Farm Survey - Concluded			Number of farms		
1989	Cropland acreages	All provinces	20,480	5,791	26,271
	Livestock inventories	All provinces	20,480	5,791	26,271
	Certain financial components	Prairie provinces	4,560	550	5,110
1990	Cropland acreages	All provinces	19,749	5,654	25,403
	Livestock inventories	All provinces	19,749	5,654	25,403
	Certain financial components	Prairie provinces	4,667	583	5,250
1991	Cropland acreages	All provinces	20,050	5,948	25,998
	Livestock inventories	All provinces	20,050	5,948	25,998
	Certain financial components	Prairie provinces	4,458	544	5,002
1992	Cropland acreages	All except Newfoundland	23,497	5,887	29,384
	Livestock inventories	All except Newfoundland	23,497	5,887	29,384
	Certain financial components	None	-	-	-
June Crops Survey					
1993	Cropland acreages	All except Newfoundland	18,523	2,156	20,679
1994	Cropland acreages	All except Newfoundland	19,676	2,246	21,922
July Livestock Survey					
1993	Livestock inventories	All except Newfoundland	19,588	2,772	22,360
1994	Livestock inventories	All except Newfoundland	20,082	2,700	22,782
Farm Financial Survey					
1987	Assets & liabilities	All provinces	4,133	1,148	5,281
	Capital investments & sales				
	Long-term capital borrowed				
1989	Assets & liabilities	All provinces	4,082	1,247	5,329
	Capital investments & sales				
	Long-term capital borrowed				
1991	Assets & liabilities	All provinces	6,018	1,455	7,473
	Capital investments & sales				
	Long-term capital borrowed				
1992	Assets & liabilities	Prairie provinces and B.C.	3,836	584	4,420
	Capital investments & sales				
	Long-term capital borrowed				
1993	Assets & liabilities	All provinces	6,795	1,214	8,009
	Capital investments & sales				
	Long-term capital borrowed				
1995	Assets & liabilities	All provinces	6,549	1,425	7,974
	Capital investments & sales				
	Long-term capital borrowed				

<sup>1</sup> Number of usable records with operating revenues equal to or greater than \$10,000.

**APPENDIX D**

**CENSUS MAPS**

**NOVA SCOTIA**  
**1991 Census Agricultural Regions**

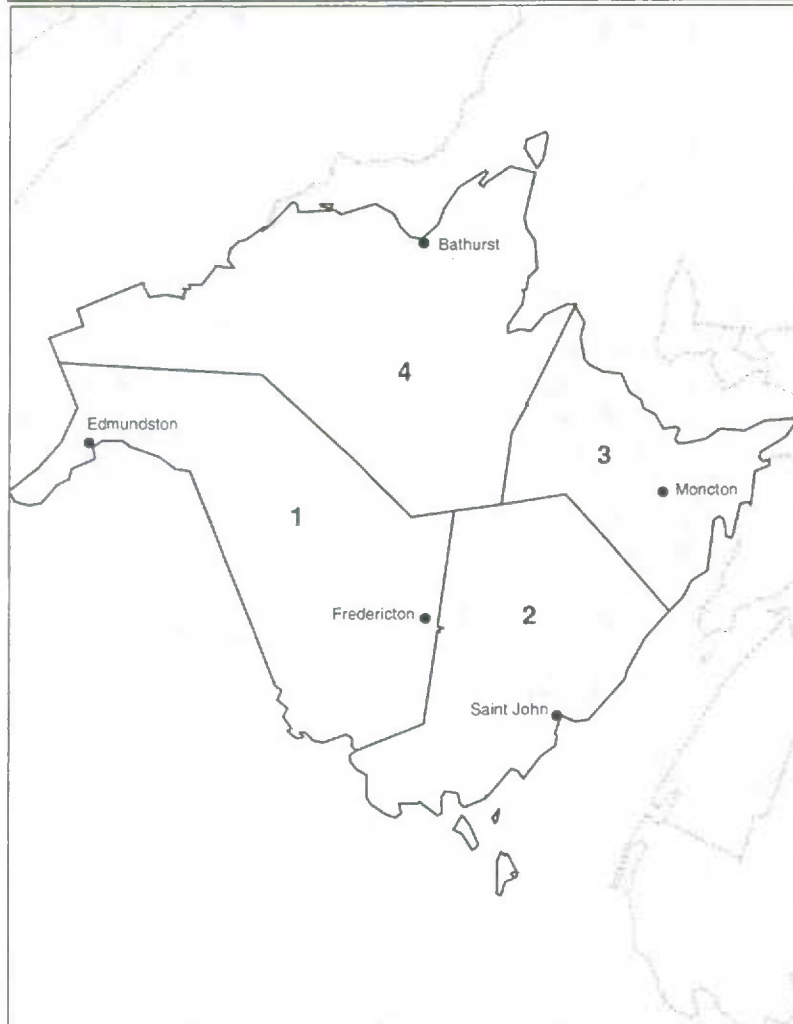


Source: 1991 Census of Agriculture, Agriculture Division, Statistics Canada

**Nova Scotia**

- 1 Census Agricultural Region 1
- 2 Census Agricultural Region 2
- 3 Census Agricultural Region 3
- 4 Census Agricultural Region 4
- 5 Census Agricultural Region 5

**NEW BRUNSWICK**  
**1991 Census Agricultural Regions**



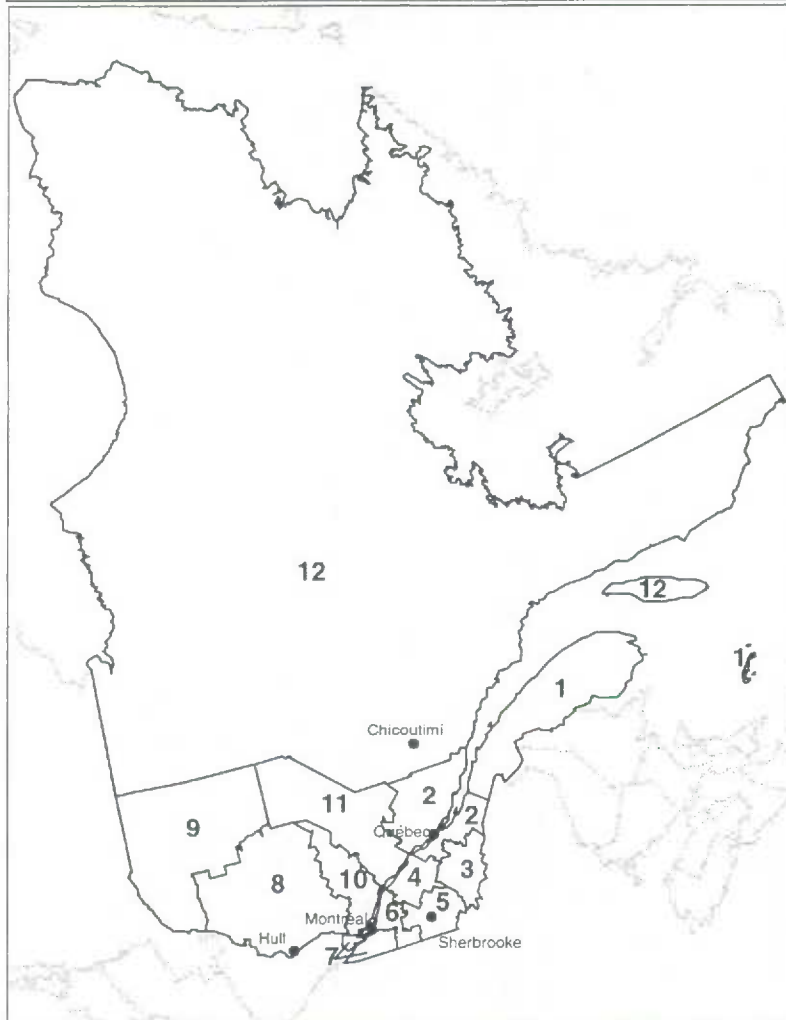
Source: 1991 Census of Agriculture, Agriculture Division, Statistics Canada

**New Brunswick**

- 1 Census Agricultural Region 1
- 2 Census Agricultural Region 2
- 3 Census Agricultural Region 3
- 4 Census Agricultural Region 4



**QUEBEC**  
**1991 Census Agricultural Regions**

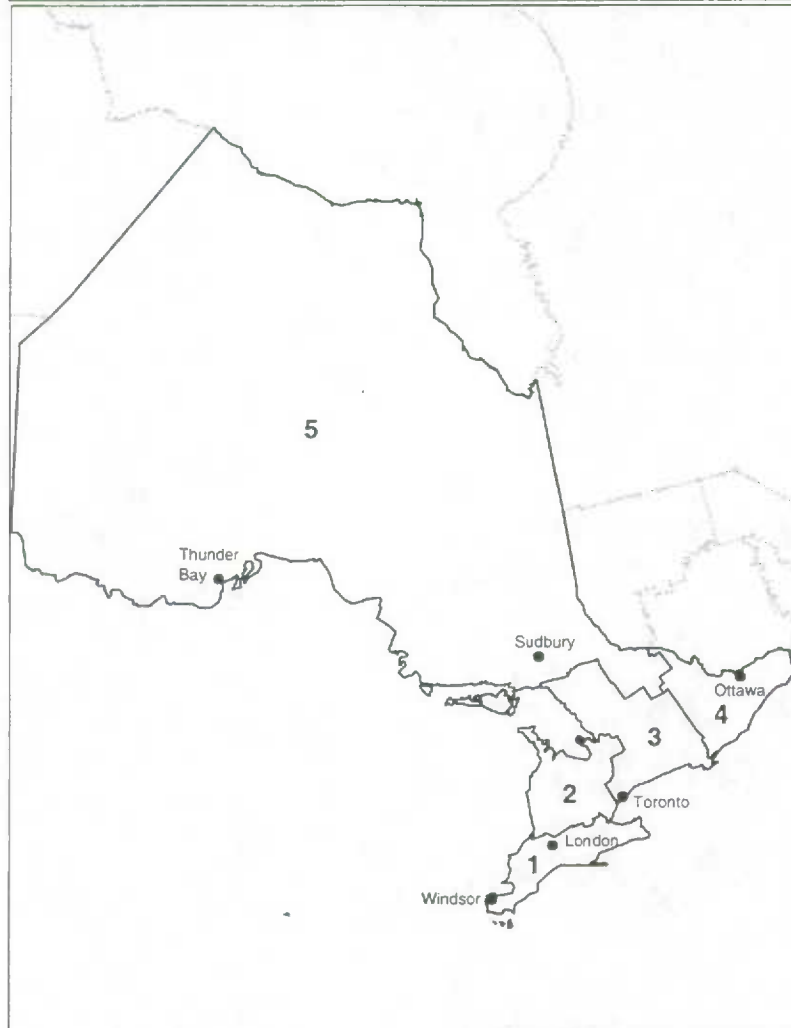


Source: 1991 Census of Agriculture, Agriculture Division, Statistics Canada

**Quebec**

- 1 Bas-Saint-Laurent, Gaspésie, Îles-de-la-Madeleine
- 2 Québec
- 3 Beauce-Appalaches
- 4 Bois-Francs
- 5 Estrie
- 6 Richelieu, Saint-Hyacinthe
- 7 Sud-Ouest de Montréal
- 8 Outaouais-Laurentides
- 9 Abitibi-Témiscamingue
- 10 Nord de Montréal
- 11 Mauricie
- 12 Saguenay, Lac-Saint-Jean, Côte-Nord

**ONTARIO**  
**1991 Census Agricultural Regions**



Source: 1991 Census of Agriculture, Agriculture Division, Statistics Canada

**Ontario**

- 1 Southern Ontario Region
- 2 Western Ontario Region
- 3 Central Ontario Region
- 4 Eastern Ontario Region
- 5 Northern Ontario Region

**MANITOBA**  
**1991 Census Agricultural Regions**

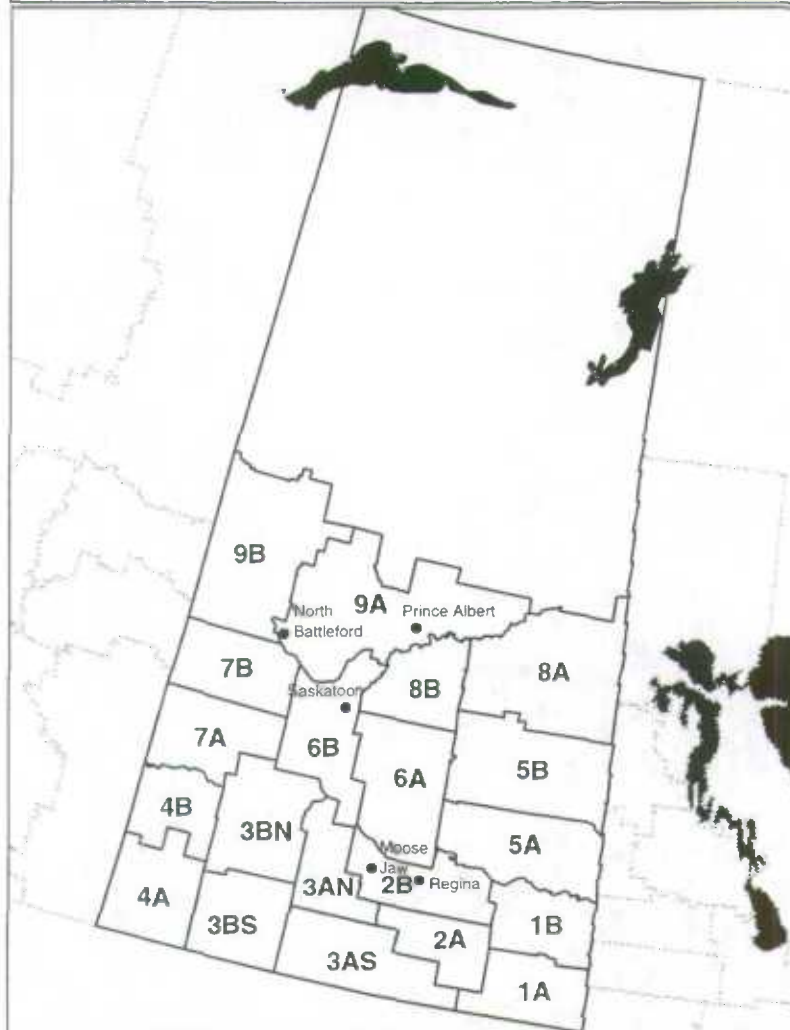


Source: 1991 Census of Agriculture, Agriculture Division, Statistics Canada

**Manitoba**

- 1 Census Agricultural Region 1
- 2 Census Agricultural Region 2
- 3 Census Agricultural Region 3
- 4 Census Agricultural Region 4
- 5 Census Agricultural Region 5
- 6 Census Agricultural Region 6
- 7 Census Agricultural Region 7
- 8 Census Agricultural Region 8
- 9 Census Agricultural Region 9
- 10 Census Agricultural Region 10
- 11 Census Agricultural Region 11
- 12 Census Agricultural Region 12

**SASKATCHEWAN**  
**1991 Census Agricultural Regions**



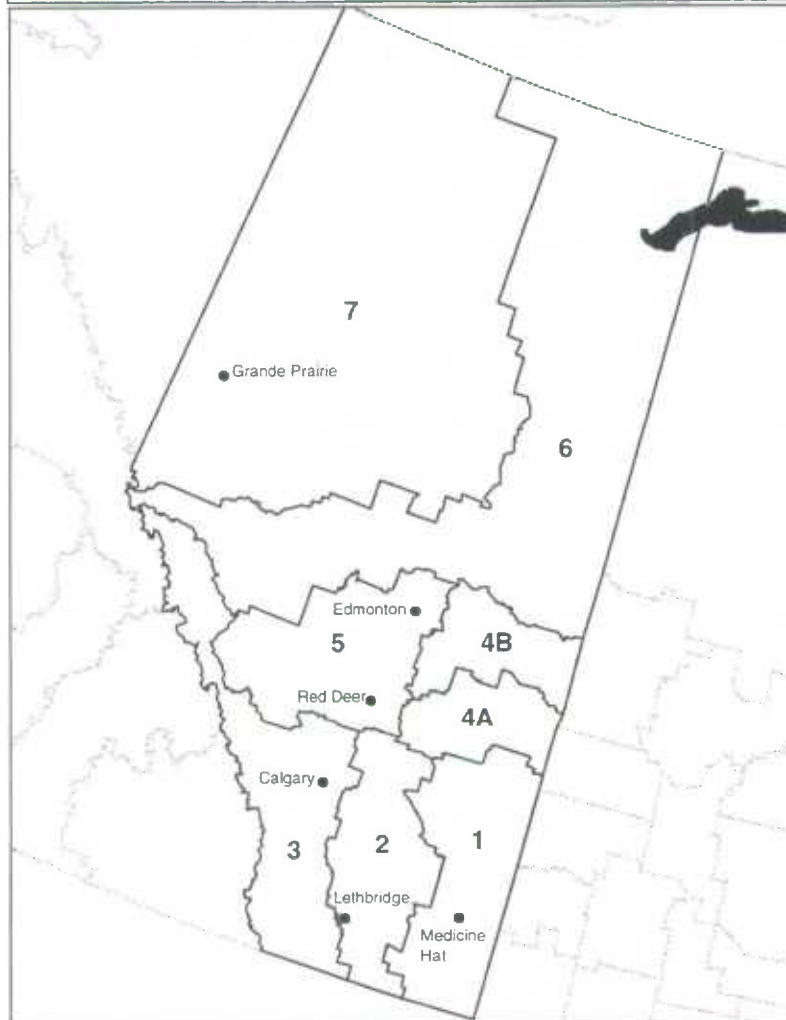
Source: 1991 Census of Agriculture, Agriculture Division, Statistics Canada

**Saskatchewan**

1A	Census Agricultural Region 1A	5A	Census Agricultural Region 5A
1B	Census Agricultural Region 1B	5B	Census Agricultural Region 5B
2A	Census Agricultural Region 2A	6A	Census Agricultural Region 6A
2B	Census Agricultural Region 2B	6B	Census Agricultural Region 6B
3AN	Census Agricultural Region 3AN	7A	Census Agricultural Region 7A
3AS	Census Agricultural Region 3AS	7B	Census Agricultural Region 7B
3BN	Census Agricultural Region 3BN	8A	Census Agricultural Region 8A
3BS	Census Agricultural Region 3BS	8B	Census Agricultural Region 8B
4A	Census Agricultural Region 4A	9A	Census Agricultural Region 9A
4B	Census Agricultural Region 4B	9B	Census Agricultural Region 9B



**ALBERTA**  
**1991 Census Agricultural Regions**

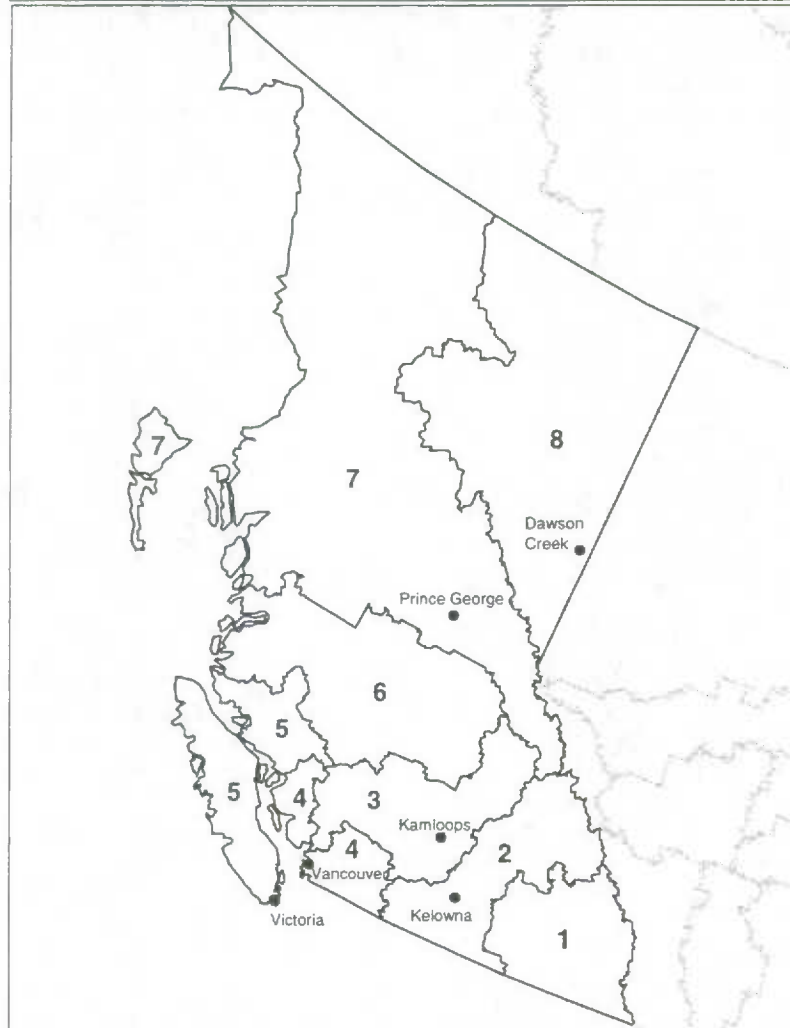


Source: 1991 Census of Agriculture, Agriculture Division, Statistics Canada

**Alberta**

- 1 Census Agricultural Region 1
- 2 Census Agricultural Region 2
- 3 Census Agricultural Region 3
- 4A Census Agricultural Region 4A
- 4B Census Agricultural Region 4B
- 5 Census Agricultural Region 5
- 6 Census Agricultural Region 6
- 7 Census Agricultural Region 7

**BRITISH COLUMBIA**  
**1991 Census Agricultural Regions**



Source: 1991 Census of Agriculture, Agriculture Division, Statistics Canada

**British Columbia**

- 1 Kootenay Region
- 2 Okanagan Region
- 3 Thompson Region
- 4 Mainland Region
- 5 Island Region
- 6 Cariboo Region
- 7 Omineca Region
- 8 Peace Region

## **APPENDIX E**

### **JCS, JLS AND FFS SURVEY QUESTIONNAIRES**

# JUNE CROPS SURVEY 1994

## WESTERN CANADA

Manitoba, Saskatchewan, Alberta, B.C. Peace

For internal use only.

### A. Did you or will you seed any crops in 1994?

YES ☐ (GO TO SECTION B.)  
 NON ☐ (GO TO SECTION C.)

### B. Which of the following crops did you or will you seed in 1994?

Crop	code	seeded area	unit of measure	
			ac	ha
1. Durum wheat (include Grandin)	204		1	2
2. Hard Red Spring Wheat	252		1	2
3. Prairie Spring (semi-dwarf) Wheat	233		1	2
4. Soft White Spring Wheat	207		1	2
5. Other Spring Wheat (utility, CWES, unlicensed varieties...)	287		1	2
6. Oats	208		1	2
7. Barley	209		1	2
8. Mixed Grains	213		1	2
9. Flaxseed	214		1	2
10. Canola or Rapeseed	215		1	2
11. Spring Rye	210		1	2
12. Lentils - LAIRD	036		1	2
13. Lentils - ESTON	038		1	2
14. Lentils - OTHER OR UNKNOWN	040		1	2
15. Dry Peas - YELLOW	042		1	2
16. Dry Peas - GREEN	044		1	2
17. Dry Peas - OTHER OR UNKNOWN	046		1	2
18. Mustard Seed - YELLOW	251		1	2
19. Mustard Seed - ORIENTAL	253		1	2
20. Mustard Seed - BROWN	254		1	2
21. Mustard Seed - OTHER OR UNKNOWN	240		1	2
22. Sunflower Seed (sunola, other dwarfs)	230		1	2
23. Canary Seed	234		1	2
24. Buckwheat	226		1	2
25. Corn for Grain	216		1	2
26. Fodder Corn	217		1	2
27. Dry White Beans (navy, pea beans)	229		1	2
28. Dry Coloured Beans	236		1	2
29. Triticale	248		1	2
30. Fababeans	235		1	2
31. Safflower	239		1	2
32. Sugar Beets	232		1	2
33. Potatoes	218		1	2
34. Other Crops	225		1	2



**C. Did you seed any Winter Wheat in the fall of 1993?**YES  
NO

<input type="checkbox"/>	095
<input type="checkbox"/>	095

(GO TO QUESTION 1.)  
(GO TO SECTION D)

1. What area of Winter Wheat did you seed in the fall of 1993?

code	seeded area	unit of measure	
		ac	ha
106		1	2

(GO TO QUESTION 2.)

2. What area of Winter Wheat seeded in the fall of 1993 is remaining to be harvested?

code	remaining area	unit of measure	
		ac	ha
206		1	2

(GO TO SECTION D)

---

**D. Did you seed any Fall Rye in the fall of 1993?**YES  
NO

<input type="checkbox"/>	096
<input type="checkbox"/>	096

(GO TO QUESTION 1.)  
(GO TO SECTION E)

1. What area of Fall Rye did you seed in the fall of 1993?

code	seeded area	unit of measure	
		ac	ha
112		1	2

(GO TO QUESTION 2.)

2. What area of Fall Rye seeded in the fall of 1993 is remaining to be harvested?

code	remaining area	unit of measure	
		ac	ha
212		1	2

(GO TO SECTION E)

---

**E. Do you have any Tame Hay and Forage Seed (including alfalfa and clover)?**YES  
NO

<input type="checkbox"/>
<input type="checkbox"/>

(GO TO QUESTION 1.)  
(GO TO SECTION F)

	code	total area	unit of measure	
			ac	ha
1. Alfalfa and alfalfa mixture	249		1	2
2. All other Tame Hay (including clover)	256		1	2
3. Forage seed	247		1	2

---

**F. What is your total area?**

	code	Total area	unit of measure	
			ac	ha
1. Summerfallow	219		1	2
2. Improved Land for Pasture	222		1	2
3. Unimproved Land for Pasture	237		1	2
4. Other Land	241		1	2
5. Total farm Area Operated	201		1	2

---

# JUNE CROPS SURVEY 1994

## EASTERN CANADA

Maritimes, Quebec, Ontario, B.C. Non Peace

For internal use only.

### A. Did you or will you seed any Crops in 1994?

OUI ☐ (GO TO SECTION B.)  
NON ☐ (GO TO SECTION C.)

### B. Which of the following Crops did you or will you seed in 1994?

Crop	code	seeded area	unit of measure		
			ac	ha	arp
1. Mixed Grains	213		1	2	3
2. Oats	208		1	2	3
3. Barley	209		1	2	3
4. Canola or Rapeseed	215		1	2	3
5. Spring Rye	210		1	2	3
6. Corn for Grain	216		1	2	3
7. Fodder Corn	217		1	2	3
8. Spring wheat	203		1	2	3
9. Soybeans	228		1	2	3
10. Dry White Beans - Standard Row	205		1	2	3
11. Dry White Beans - Narrow Row	242		1	2	3
12. Dry Coloured Beans	236		1	2	3
13. Buckwheat	226		1	2	3
14. Potatoes	218		1	2	3
15. Tobacco	227		1	2	3
16. Other Crops	225		1	2	3

### B. continued QUEBEC ONLY

8. What percentage of Spring Wheat is intended for human consumption?

code	%
603	

**C. Did you seed any Winter Wheat in the fall of 1993?**OUI  
NON

	095
	095

(GO TO QUESTION 1.)  
(GO TO SECTION D)

1. What area of Winter Wheat did you seed in the fall of 1993?

code	seeded area	unit of measure		
		ac	ha	arp
106		1	2	3

(GO TO QUESTION 2.)

2. What area of Winter Wheat seeded in the fall of 1993 is remaining to be harvested?

code	remaining area	unit of measure		
		ac	ha	arp
206		1	2	3

(GO TO SECTION D)

**3. QUEBEC ONLY**

a. What percentage of Winter Wheat remaining to be harvested is for human consumption?

code	%
097	

**D. Did you seed any Fall Rye in the fall of 1993?**OUI  
NON

	096
	096

(GO TO QUESTION 1.)  
(GO TO SECTION E)

1. What area of Fall Rye did you seed in the fall of 1993?

code	seeded area	unit of measure		
		ac	ha	arp
112		1	2	3

(GO TO QUESTION 2.)

2. What area of Fall Rye seeded in the fall of 1993 is remaining to be harvested?

code	remaining area	unit of measure		
		ac	ha	arp
212		1	2	3

(GO TO SECTION E)

**E. Do you have any Tame Hay and Forage Seed (including alfalfa and clover)?**OUI  
NON(GO TO QUESTION 1.)  
(GO TO SECTION F)

1. Alfalfa and alfalfa mixture
2. All other Tame Hay (including clover)
3. Forage seed

code	total area	unit of measure		
		ac	ha	arp
249		1	2	3
256		1	2	3
247		1	2	3

**F. What is your total area?**

1. Improved Land for Pasture
2. Unimproved Land for Pasture
3. Other Land
4. Total farm Area Operated

code	Total area	unit of measure		
		ac	ha	arp
222		1	2	3
237		1	2	3
241		1	2	3
201		1	2	3





Yes	022		1
-----	-----	--	---

No ☐ (GO TO SECTION B)

019	
-----	--

FARM NAME (if applicable)

OPERATOR(S) (if applicable)

(i.e., separate accounting books are kept), please do not include any data for the other farm(s) on this questionnaire.

**COMMENTS:**

## SECTION B. CATTLE OR CALVES

400

9

1. At July 1, 1994, do you expect to have any cattle or calves on this holding?

- **Include** - all cattle or calves on this holding, **regardless of ownership**, including those that are boarded, custom fed or fed under contract.  
- all cattle or calves kept by this operation, **regardless of ownership**, that are **pastured on a community pasture**, grazing co-operative or public land.
- **Exclude** cattle or calves **OWNED BY THIS HOLDING** but kept on a farm, ranch or feedlot operated by someone else.

Yes **400** **1**

No **400** **2**

1. a) Were there any cattle or calves on this holding between July 1, 1993 and June 30, 1994?

Yes **401** **1**

No **401** **2**

(ANSWER QUESTION 11 AND GO TO SECTION C)

(GO TO SECTION C)

2. Are cattle or calves kept on this holding for someone else? (if yes, include as part of inventory for this holding)

Yes **430** **1**

No **430** **2**

### PART I. INVENTORY AT JULY 1, 1994

3. **BULLS**, 1 year and over

4. **COWS** mainly for **dairy**

5. **COWS** mainly for **beef**

6. **HEIFERS**, 1 year and over

a) for **DAIRY** herd replacement

b) for **BEEF** herd replacement

c) for **SLAUGHTER** or **FEEDERS**

7. **STEERS**, 1 year and over

8. **CALVES**, under 1 year

9. **TOTAL CATTLE AND CALVES** (sum of questions 3 to 8)

10. To be completed by respondents in Manitoba, Saskatchewan, Alberta and British Columbia: Of the total cattle and calves (reported in question 9) how many will be on a community pasture, grazing co-operative or public land at July 1

Total Number  
at July 1, 1994

403

None ☐

404

None ☐

405

None ☐

406

None ☐

407

None ☐

402

None ☐

408

None ☐

409

None ☐

410

412

None ☐

### PART II. CALVINGS

11. On this holding how many calves were born in the period from January 1, 1994 to June 30, 1994?

12. On this holding how many cows and heifers are expected to calve between July 1, 1994 to December 31, 1994?

Total Number

421

None ☐

424

None ☐

## SECTION C. PIGS

600

9

1. At July 1, 1994, do you expect to have any pigs on this holding?

- **Include** – all pigs on this holding, **regardless of ownership**, including those that are boarded, custom fed or fed under contract.
- **Exclude** all pigs **OWNED BY THIS HOLDING** but kept on a farm operated by someone else.

Yes 

600		1
-----	--	---

No 

600		2
-----	--	---

1. a) Were there any pigs on this holding between July 1, 1993 and June 30, 1994?

Yes 

601		1
-----	--	---

No 

601		2
-----	--	---

(ANSWER QUESTIONS 7, 8, 9, AND GO TO SECTION D)

(GO TO SECTION D)

2. Are pigs kept on this holding for someone else? (if yes, include as part of inventory for this holding)

Yes 

630		1
-----	--	---

No 

630		2
-----	--	---

### PART I. INVENTORY AT JULY 1, 1994

3. **BOARS**, 6 months and over .....

4. **SOWS**, for breeding and bred gilts .....

5. **ALL OTHER PIGS**

a) Under 45 pounds (20 kg)

- **Include** suckling pigs .....

b) 45 to 130 pounds (20 to 60 kg) .....

c) Over 130 pounds (60 kg) .....

6. **TOTAL PIGS** (sum of questions 3 to 5) .....

Total Number  
at July 1, 1994

605

None ☐

606

None ☐

607

None ☐

608

None ☐

609

None ☐

610

### PART II. FARROWINGS

7. How many sows and gilts farrowed during **April, May and June, 1994?** (IF NONE, GO TO QUESTION 10 BELOW) .....

8. How many pigs were born alive during **April, May and June, 1994?** .....

9. How many pigs died or were destroyed **before weaning** during **April, May and June, 1994?** .....

10. How many sows and gilts are expected to farrow during **July, August and September, 1994?** .....

11. How many sows and gilts are expected to farrow during **October, November and December, 1994?** .....

Total Number

634

None ☐

635

None ☐

636

None ☐

638

None ☐

639

None ☐

## SECTION D. SHEEP OR LAMBS

300		9
-----	--	---

1. At July 1, 1994, do you expect to have any sheep or lambs on this holding?

- **Include**
  - all sheep or lambs on this holding, **regardless of ownership**, including those that are boarded, custom fed or fed under contract.
  - all sheep or lambs kept by this operation, **regardless of ownership**, that are **pastured on public land a community pasture** or grazing co-operative land.
- **Exclude** all sheep or lambs **OWNED BY THIS HOLDING** but kept on a farm operated by someone else.

Yes 

300		1
-----	--	---

No 

300		2
-----	--	---

1. a) Were there any sheep and lambs on this holding between July 1, 1993 and June 30, 1994?

Yes 

320		1
-----	--	---

No 

320		2
-----	--	---

(ANSWER PART II AND III AND GO TO SECTION E)

(GO TO SECTION E)

2. Are sheep and lambs kept on this holding for someone else? (if yes, include as part of inventory for this holding)

Yes 

330		1
-----	--	---

No 

330		2
-----	--	---

### PART I. INVENTORY AT JULY 1, 1994

3. RAMS, 1 year and over .....
4. EWES AND WETHERS, 1 year and over .....
5. LAMBS, under 1 year {  
     a) For breeding .....  
     b) For slaughter .....
6. **TOTAL SHEEP AND LAMBS** (sum of questions 3 to 5) .....
7. *To be completed by respondents in Manitoba, Saskatchewan, and Alberta and British Columbia:* Of the total sheep or lambs (reported in question 6), how many sheep or lambs will be on public land, a community pasture or grazing co-operative at July 1 .....

Total Number at July 1, 1994
301
None <input type="checkbox"/>
302
None <input type="checkbox"/>
303
None <input type="checkbox"/>
304
None <input type="checkbox"/>
310
312

### PART II. BIRTHS AND DEATHS

8. On this holding how many lambs were born from **January 1, 1994 to June 30, 1994** .....
9. How many sheep and lambs died, including those killed by disease or predators, on this holding from **January 1, 1994 to June 30, 1994**  
 • **Do not include** those slaughtered for meat .....

Number
308
None <input type="checkbox"/>
307
None <input type="checkbox"/>

### PART III. SHEEP SHORN AND WOOL PRODUCTION

10. How many sheep were shorn from **January 1, 1994 to June 30, 1994** (if none, go to Section E) .....
11. How much wool was shorn from these sheep from **January 1, 1994 to June 30, 1994** .....
12. Is wool production reported in : ((x) one box) .....

Total Number
313
None <input type="checkbox"/>

Weight
314
None <input type="checkbox"/>

Pounds	399		1
Kilograms	399		2



## SECTION E. POULTRY

663

1. At July 1, 1994 do you expect to have poultry on this holding?  
(for example: hens, pullets, turkeys, broilers, roosters, layers, hatchery flock, etc.)

Yes   (GO TO SECTION F)

No   (GO TO SECTION F)

## SECTION F. OTHER LIVESTOCK

1. At July 1, 1994 do you expect to have other livestock or other livestock products on this holding?

Yes   No   (GO TO SECTION G)

Please specify other livestock

2. Horses and ponies (all ages) .....
3. Goats .....
4. Rabbits .....
5. Ducks .....
6. Wild Boars .....
7. Bison (buffalo) .....
8. Deer .....
9. Llamas .....
10. Ostriches .....
11. Emus .....
12. Other livestock products (e.g.: embryo, bovine semen, pregnant mare urine, fur farm, bee farm, fish farm, etc.) .....

Specify \_\_\_\_\_  
\_\_\_\_\_

Total Number
665
666
667
668
669
670
671
672
673
674
675

COMMENTS:



## SECTION G. FEDERAL/PROVINCIAL AGREEMENT TO SHARE INFORMATION

**NEW BRUNSWICK, ONTARIO, MANITOBA, SASKATCHEWAN AND BRITISH COLUMBIA ONLY:** To reduce response burden and to ensure more uniform statistics, Statistics Canada has entered into data sharing agreements under Section 12 of the Statistics Act with:

- the New Brunswick Department of Agriculture and Rural Development
- the Ontario Ministry of Agriculture and Food and the Ontario Central Statistical Services
- the Manitoba Department of Agriculture
- Saskatchewan Agriculture and Food
- the British Columbia Ministry of Agriculture and Fisheries.

The information collected and shared will be kept confidential and used only for statistical purposes. Under Section 12 of the Statistics Act you may refuse to share your information. Do you agree to share this information?

Yes 

051		1
-----	--	---

No 

051		2
-----	--	---

**QUEBEC ONLY:** To avoid duplication of enquiry this survey is conducted under a co-operative agreement with the Quebec Bureau of Statistics pursuant to Section 11 of the Statistics Act. The Quebec Statistics Act includes the same provisions for confidentiality and penalties for disclosure of information as the Federal Statistics Act.



# Farm Financial Survey, 1996

Interviewer No.

010

**CONFIDENTIAL when completed**

Collected under the authority of the Statistics Act, Revised Statutes of Canada, 1985, Chapter S-19.

Si vous préférez ce questionnaire en français, veuillez cocher ☐

F.C.	005		1
P.	005		4
R.	005		2
N.C.	005		3

Change of Operator	004		12
Out of Business	004		13

**OFFICE USE ONLY**

004

061

**NOTE TO INTERVIEWER:**

If any information above is incorrect or missing, please make the necessary corrections in the OPERATION IDENTIFICATION SECTION below. Indicate reason for changes on page 11.

**Calendar year** refers to the period January 1 to December 31, while **fiscal year** refers to any twelve month period which a business uses as its income tax year, for example, April 1 to March 31.

**LATEST FISCAL YEAR END**

009      Day      Month      Year

**OPERATION IDENTIFICATION SECTION**

FRM

Farm Name (if applicable)

Area Code

NA 1

Surname or Family Name

Telephone

Usual First Name and Initial

ADR

R.R.

Box No.

Number and Street Name

Postal Code

Post Office (name of city, town or village where mail is received)

NA 3

Partner's Name (if applicable)

Telephone

NA 4

Partner's Name (if applicable)

Telephone

CORP

Corporation Name (if applicable)

**Prairies and B.C. - Peace River Block****Ontario**

HEADQUARTERS

Section

Township

Range

Meridian

Lot No.

Concession

5-4500-417.1: 1995-08-09 STC/AGR-455-05514

Statistics Canada  
Statistique Canada

Canada

**TO BE COMPLETED BY STATISTICS CANADA STAFF ONLY**

**A. OUT OF BUSINESS**

1. Why is this farm out of business?

**075** \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(Office use only) **030** \_\_\_\_\_

2. When did this farm go out of business?

**035** \_\_\_\_\_  
year month

3. Does the operator plan to resume operating this farm in the future?

**031** YES ☐ 1 NO ☐ 2  
When? **032** \_\_\_\_\_  
year month

**B. CHANGE OF OPERATOR**

1. Why has this farm changed operators? ("X" one circle)

- a) Sold **033** ☐ 1  
b) Rented/leased (period) **076** \_\_\_\_\_ (year(s)) ☐ 2  
c) Operator retired ☐ 3  
d) Operator passed away ☐ 4  
e) Other (please specify) **077** \_\_\_\_\_ ☐ 5

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. When did this farm change operators?

**036** \_\_\_\_\_  
year month

3. Is the current operator: ("X" one circle)

- a) Farming for the first time (a new operator) **034** ☐ 1  
b) Already operating an existing farm ☐ 2  
c) Do not know ☐ 3

**C. SR. INT./R.O. USE ONLY**

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

Follow-up required? YES ☐ NO ☐

Action: \_\_\_\_\_  
\_\_\_\_\_

**D. H.O. USE ONLY**

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

Follow-up required? YES ☐ NO ☐

Action: \_\_\_\_\_  
\_\_\_\_\_

**NOTE TO INTERVIEWER:**

- Ensure all updates to label information are recorded in the boxes provided on the cover page of the questionnaire.
- If this operation went out of business or had a change of operator since December 31, 1995, complete this questionnaire.

# SECTION A. CHARACTERISTICS OF THE OPERATOR/OPERATION

Section R	050		9
-----------	-----	--	---

- Report questions 1 to 4 as of **December 31, 1995**.

A farm OPERATOR is an individual responsible for the day-to-day operation of the farm who participates in the decisions to borrow money; to rent, buy or sell assets; and to reduce debts. An operation may have more than one operator but only one questionnaire is to be completed for each operation.

1. How many operators 18 years of age and over were responsible for this operation? .....	<div>051</div>
2. What was the age of:	<div>052</div>
a) The oldest operator .....	<div>053</div>
b) The youngest operator ( <i>minimum age of 18</i> ) ( <i>if only one operator enter age under oldest operator</i> ) .....	<div>054</div>
3. How many years has the most experienced operator on this farm been managing a farm business? .....	<div>055</div>
4. Which of the following best described this operation? ("X" one circle)	
• Report family and hobby farms in 4a) to 4c)	
a) Proprietorship .....	<div>056</div> <input checked="" type="radio"/> 3
b) Corporation (Ltd. Co.) .....	<input type="radio"/> 4
c) Partnership .....	<input type="radio"/> 5
d) Cooperative	
• Include Hutterite Colonies .....	<input type="radio"/> 6
e) Other ( <i>please specify</i> ) <div>078</div> .....	<input type="radio"/> 7
5. How many independent families received income from this farm in 1995?	<div>610</div>
• Exclude families of hired workers whether related or not .....	

COMMENTS: 

079

---



---



---



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## SECTION B. LAND USE

Section R	100		9
-----------	-----	--	---

- Round to the nearest whole number.

199 { ☐ 1 acres  
☐ 2 hectares  
☐ 3 arpents (Quebec only)

1. How will you report area of the land? ("X" one circle)

2. For the total and cultivated land area operated as of December 31, 1995, how much was:

Area of Total Land as of December 31, 1995	Area of Cultivated Land as of December 31, 1995
121	131
102	112

a) Owned

- Exclude land rented or leased to others

b) Rented from others

3. How much land did this operation rent or lease to others as of December 31, 1995?

103

4. Were there any greenhouse products or mushrooms grown for sale on this operation in 1995?

160 YES ☐ 1 NO ☐ 2

5. For the land operated, what was the area in 1995 for the following:

- Report area seeded for crop questions.

a) Wheat

- Include winter wheat seeded in 1994 for harvest in 1995

b) Oats

c) Barley

d) Flaxseed

e) Canola or rapeseed

f) Corn for grain

g) Corn for fodder

h) Soybeans

i) Potatoes

j) Fruits and vegetables

- Include tree fruits
- Exclude greenhouse products

k) Other crops, e.g. mixed grains, tobacco, sugar beets, nursery stock, Christmas trees, sod, lentils, dry peas, dry beans, etc.

l) Summerfallow

m) Tame Hay, Forage Seed

n) Total Cultivated Land (sum of 5 a) to 5 m))

o) All other land

- Include improved and unimproved pasture, woodland, buildings, laneways, greenhouses, mushroom houses, sugarbushes, etc.

Total land operated (sum of 5 n) and 5 o))

Total Area Operated in 1995	Did you have provincial crop insurance on these crops in 1995? • Exclude private hail insurance.
141	YES
142	645 <input type="radio"/> 0
143	646 <input type="radio"/> 1
145	647 <input type="radio"/> 2
146	648 <input type="radio"/> 3
147	649 <input type="radio"/> 4
161	650 <input type="radio"/> 5
148	651 <input type="radio"/> 6
152	652 <input type="radio"/> 7
162	653 <input type="radio"/> 8
163	654 <input type="radio"/> 9
156	
164	

159

195

EDIT: 1. Do the figures in Boxes 121 + 102 equal the figure in Box 195?

YES ☐ (Go to Edit 2 below) NO ☐ (Verify information with respondent)

2. Do the figures in Boxes 131 + 112 equal the Total Cultivated Land figure (5 n) above)?

YES ☐ (Go to Section C) NO ☐ (Verify information with respondent)



## SECTION C. LIVESTOCK AND POULTRY

Section R	170		9
-----------	-----	--	---

1. Did this operation OWN any livestock or poultry on **December 31, 1995**?

**170** YES ☒ 1

NO ☐ 2 (GO TO SECTION D)

2. How many of the following did this operation own on **December 31, 1995**?

### PART I. CATTLE

a) Bulls, 1 year and over .....

171

b) Cows mainly for dairy .....

172

c) Cows mainly for beef .....

173

d) Heifers, 1 year and over .....

186

e) Steers, 1 year and over .....

177

f) Calves, under 1 year .....

178

### PART II. PIGS

g) Boars, 6 months and over .....

185

h) Sows for breeding and bred gilts .....

179

i) All other pigs under 45 lbs (20 kg) .....

180

j) All other pigs 45 lbs (20 kg) and over .....

181

### PART III. SHEEP AND LAMBS

k) Sheep and lambs .....

182

### PART IV. POULTRY

l) Layers on **December 31, 1995** .....

188

m) Broilers on **December 31, 1995** .....

189

n) Other poultry on **December 31, 1995** (please specify) **080** .....

198

### PART V. OTHER LIVESTOCK

o) Other livestock (please specify) **081** .....

184

COMMENTS: **082** .....

## SECTION D. CAPITAL INVESTMENTS

Section R	200		9
-----------	-----	--	---

- Exclude GST.
- Report to the nearest \$1,000.
- Report for the calendar year 1995.

1. During 1995, did this operation invest any money in capital items or improvements?

**200**

YES ☐ 1

NO ☐ 2 (GO TO SECTION E BELOW)

2. What was the amount of capital invested in 1995 for the following:

- a) Farm real estate purchased .....
- b) Land improvements: irrigation, orchard planting, draining, clearing of land .....
- c) House construction or major renovation .....
- d) Other building construction or renovation .....
- e) Breeding and replacement livestock intended to be on the farm for more than 1 year
- Exclude poultry .....
- f) Quota purchased separately from other assets .....

Capital Investments in 1995	
201	000
202	000
203	000
204	000
205	000
206	000

- g) Farm machinery and equipment
- Report gross expenditures before trade-in.
  - Specify using list of assets below.

- |   |   |
|---|---|
| 71 Cars used in the farm business           | 77 Tractors of various types                      |
| 72 Trucks used in the farm business         | 78 Cultivators, tillage and seeding equipment     |
| 73 Other transportation equipment           | 79 Hay mowers                                     |
| 74 Processing equipment                     | 80 Harvesting and threshing machinery             |
| 75 Computers and related equipment          | 81 Balers   |
| 76 Other office and communication equipment | 82 Other machinery and equipment (please specify) |

Code	Type 1 = new 2 = used		
			000
			000
			000
			000
			000
			000

**083**

- h) Other farm assets, e.g. stocks, bonds, shares, RRSP's.

(please specify) **092**

217	000
-----	-----

## SECTION E. CAPITAL SALES

Section R	230		9
-----------	-----	--	---

- Exclude GST.
- Report to the nearest \$1,000.
- Report for the calendar year 1995.

1. During 1995, did this operation receive any money from the sale of capital items?

**230**

YES ☐ 1

NO ☐ 2 (GO TO SECTION F)

2. What was the amount of capital sales in 1995 for:

- a) Land and buildings .....
- b) Machinery and equipment traded-in .....
- c) Machinery and equipment sold outright, i.e. excluding trade-ins .....
- d) Quota sold separately from other assets .....
- e) Breeding and replacement livestock
- Exclude culls for slaughter .....

Capital Sales in 1995	
233	000
237	000
234	000
235	000
236	000

# SECTION F. ASSETS

Section R	300		9
-----------	-----	--	---

1. What was the value of the following assets of this operation (including those of all operators) on **December 31, 1995**?

- Report at current market value.
- Report to the nearest \$1,000.

a) Farmland and buildings owned

- **Include** the farmhouse, storage sheds, silos, grain bins, machine shops, etc.

b) Machinery and equipment

i) Total value of all cars used totally or partially in the farm business

ii) Of these cars (Box 310 above), what is the share used for the farm business

iii) Total value of all trucks used totally or partially in the farm business

iv) Of these trucks (Box 312 above), what is the share used for the farm business

v) All other machinery and equipment

c) Quota (market value, if not valued elsewhere)

d) Breeding and replacement livestock

- **Include** bulls, cows, heifers for replacement, boars, sows, bred gilts, rams, ewes, replacement lambs, goats for milk or hair

e) Market livestock

- **Include** heifers for slaughter or feeders, steers, calves, pigs excluding boars and sows, slaughter lambs, poultry, goats for meat, culls

f) Accounts receivable (receipts due)

g) Inputs (feed, supplies, fertilizer, fuel, seed, chemicals)

h) Crops for sale

- **Exclude** greenhouse or nursery products

i) Cash, bonds, savings, stocks, shares, RRSP's

j) Balance of your NISA account on **December 31, 1995** for:

i) FUND 1

ii) FUND 2

iii) FUND 3

k) Other farm assets, e.g. greenhouse and nursery products, horses, fur animals, bees.

**084**

(please specify)

Value of Assets on December 31, 1995	
301	000
310	000
311	%
312	000
313	%
314	000
304	000
302	000
308	000
305	000
306	000
307	000
309	000
637	000
638	000
655	000
391	000



# SECTION G. LIABILITIES OUTSTANDING AND CAPITAL BORROWED

Section R	700		9
-----------	-----	--	---

- Report to the nearest \$1,000.

1. Did this operation owe any money on **December 31, 1995** or borrow any money in 1995?

- Report for farm assets only.
- Include money borrowed from family.

**700** YES ☐ 1 NO ☐ 2 (GO TO SECTION H)

2. On **December 31, 1995** what was the amount of money you owed to:

- a) Farm Credit Corporation (federal agency) .....
- b) Other federal agencies (C.M.H.C., F.B.D.B., P.G.A.P.) .....
- c) Provincial government .....
- d) Chartered banks, trust companies, treasury branches .....
- e) Credit unions, caisses populaires .....
- f) Machinery and supply companies .....
- g) Private individuals .....
- h) Others (please specify) **085** .....

**Total current liabilities** .....

Liabilities on December 31, 1995			
Current (original repayment period is less than 12 months)		Long-term (original repayment period is 12 months or more)	
401	000	481	000
402	000	482	000
403	000	483	000
410	000	480	000
405	000	485	000
407	000	487	000
408	000	488	000
409	000	489	000
441	000		

Capital Borrowed in 1995	
For long term loans, how much was borrowed in 1995? (repayment period is 12 months or more)	
581	000
582	000
583	000
580	000
585	000
587	000
588	000
589	000

3. Of the total amount owed, how much was outstanding under the Advance Payments for Crops Act (A.P.C.A.) or the Prairie Grain Advance Payments Act (P.G.A.P.) on **December 31, 1995**?

435	000
-----	-----

**EDIT:** Is the figure in Box 435 more than the figures in boxes 402 + 409?

YES ☐ (Make appropriate adjustment with respondent) NO ☐ (Go to Question 4)

4. a) Of the money borrowed in 1995 and intended to be repaid within a year, what was the highest amount owed at any one period during the year? .....

b) Of this amount (Box 501 above), what was the highest amount borrowed under the Advance Payments for Crops Act or the Prairie Grain Advance Payments Act in 1995? .....

Capital Borrowed in 1995	
501	000
535	000
540	000

5. Of all the money borrowed in 1995, what amount was used to refinance previous loans? .....

**EDIT:** Is the figure in Box 501 less than the figure in Box 441?

YES ☐ (Make appropriate adjustment with respondent) NO ☐ (Go to Section H)

## SECTION H. RECEIPTS AND EXPENSES

- Report to the nearest \$1,000.

Section R	600		9
-----------	-----	--	---

1. Did this operation participate in the provincial crop insurance program (Atlantic Canada include both provincial crop insurance and GRIP)

- a) in 1993? 640 YES ☐ 1 NO ☐ 2
- b) in 1994? 641 YES ☐ 1 NO ☐ 2
- c) in 1995? 642 YES ☐ 1 NO ☐ 2

(GO TO QUESTION 2)

- d) How much were your provincial crop insurance premiums for the 1995 crop? 643 000
- e) How much were the gross receipts if any, from provincial crop insurance for the 1995 crop? 644 000

643	000
644	000

2. Did this operation participate in NISA in 1995? 633 YES ☐ 1 NO ☐ 2 (GO TO QUESTION 3)

- a) How much were your NISA contributions in 1995? 634 000

- b) How much were your NISA withdrawals in 1995? 635 000

634	000
635	000

3. In 1995, how much were total farm operating expenses.

- Exclude capital cost allowances or depreciation
- Exclude the value of inventory adjustments

Expenses in 1995	
606	000

4. Of the total farm operating expenses (Box 606 above) how much was for:

- a) Total interest paid on farm debt
- Exclude payments on the principal

605	000
609	000

- b) Wages and salaries paid to family members and operators

5. In 1995, what were the total gross farm receipts of this operation, before expenses?

- Include receipts from capital sales of breeding and replacement livestock (Box 236 page 6, Section E), direct program payments, agricultural custom work.
- Exclude NISA withdrawals (Box 635 above), private insurance payouts, the value of inventory adjustments, the sale of land and buildings, and of machinery and equipment.

Gross Farm Receipts in 1995	
601	000

6. Of the total gross farm receipts (Box 601 above), how much was from:

- a) Direct program payments
- Include GRIP gross payouts, provincial crop insurance, stabilization payments, tax rebates (e.g. fuel tax, property tax, GST), dairy subsidies, etc.
  - Exclude NISA withdrawals (Box 635 above)

604	000
-----	-----

- b) Sales of grains, oilseeds and specialty crops

- Include lentils, dry peas, dry beans, etc.

623	000
-----	-----

- c) Sales of horticulture products

- Include potatoes, fruit, vegetables, greenhouse products, nursery products, sod, mushrooms, etc.

624	000
-----	-----

- d) Sale of cattle

- Include breeding and replacement livestock

625	000
-----	-----

- e) Sale of pigs

- Include breeding and replacement livestock

626	000
-----	-----

- f) Sale of poultry

- Include eggs

627	000
-----	-----

- g) Sale of dairy products

628	000
-----	-----

- h) Other, i.e., horses, sheep, hay, sugar beets, maple products, forage seed, custom work, contract work, etc. (please specify) 086

629	000
-----	-----

**NOTE TO INTERVIEWER:** Determine Enterprise Code.

ENTERPRISE CODE

008



## SECTION I. NON-FARM FINANCES

• Report to the nearest \$1,000.

Section R	800		9
-----------	-----	--	---

1. In **1995**, what was the income of operators and family members from sources other than this operation:

- a) Wages and salaries (before deductions) from all sources .....
- b) Interest, dividends (actually received) .....
- c) Pensions
- **Include** C.P.P., Q.P.P., old age security .....
- d) Other income not from this operation
- **Include** non-agricultural custom work, non-farm business income (net of expenses but before taxes), Child Tax Benefit, Unemployment Insurance.
- (please specify) **087** .....

Off-Farm Income in 1995	
617	000
618	000
619	000
622	000

2. In **1995**, did any of the operators and/or family members operate a **non-farm business**, e.g., computer consulting, school bus operation, medical practice, etc.

**850**

YES ☒ 1

NO ☐ 2 (GO TO QUESTION 5)

3. a) What was the value of this operation's **non-farm business** assets on **December 31, 1995**?

- Report at current market value.
- **Include** assets for all individuals who are principal operators.
- **Exclude** personal assets, e.g. furniture, etc.

(please specify) **088** .....

Non-Farm Business Assets on December 31, 1995	
350	000

**NOTE TO INTERVIEWER:** the value of stocks, bonds, shares and RRSP's should be reported in Box 309, page 7.

b) Of this amount (Box 350 above), what was the value of this operation's **non-farm business** assets purchased in **1995**?

- **Exclude** personal assets.

(please specify) **089** .....

Non-Farm Business Investments in 1995	
250	000

**NOTE TO INTERVIEWER:** the purchase of stocks, bonds, shares and RRSP's should be reported in Box 217, page 6.

4. On **December 31, 1995**, how much did this operation owe on these **non-farm business** assets? .....

Non-Farm Liabilities on December 31, 1995	
450	000

5. What was the amount of capital gifted to, or inherited by, the operator(s) in **1995**?

- **Exclude** grants .....

Gifts and Inheritance in 1995	
241	000

**EDIT:** Is one or more of the Non-Farm Finances reported above greater than zero?

**805**

YES ☐ 1

NO ☐ 2

## SECTION J. AGREEMENT TO SHARE INFORMATION

This survey is being conducted jointly on behalf of Statistics Canada and Agriculture and Agri-Food Canada. The information will be kept confidential and will be used only for statistical purposes.

Do you agree to share this information with Agriculture and Agri-Food Canada?

**900**

YES ☐ 1

NO ☐ 2

**NOTE:** Names and addresses are not shared with Agriculture and Agri-Food Canada.

### NOTE TO INTERVIEWER:

Mark an "X" if any of the following conditions apply:

- |  |            |                         |
|--|------------|-------------------------|
| a) All livestock and/or poultry were sold prior to December 31, 1995. ....   | <b>931</b> | <input type="radio"/> 1 |
| b) There were loans outstanding and/or money borrowed but no interest expense for 1995. ....   | <b>932</b> | <input type="radio"/> 2 |
| c) Low receipts, compared with expenses, for 1995 were due to a poor crop or poor prices. ....   | <b>933</b> | <input type="radio"/> 3 |
| d) Low receipts, compared with expenses, for 1995 were due to the building up of this operation. ....  | <b>934</b> | <input type="radio"/> 4 |
| e) Low receipts, compared with expenses, for 1995 were due to some or all of the crops or livestock not being sold in 1995, but will be sold in 1996. .... | <b>935</b> | <input type="radio"/> 5 |

### COMMENTS FROM INTERVIEWER/FARM OPERATOR:

**090**

**NOTE TO INTERVIEWER:**

1. Who provided the information in this questionnaire? ("X" one circle)

- a) Farm operator (NA1) ..... ☒ 057 ☐ 1
- b) Partner (NA 3 or NA 4) ..... ☐ 2
- c) Spouse (if different from partner) ..... ☐ 3
- d) Employee ..... ☐ 4
- e) Other (please specify relation to NA 1) ☒ 091 ..... ☐ 5

2. Was the majority of the interview conducted by personal interview ☒ 058 ☐ 1  
OR telephone interview ☐ 2

Office use only ☒ 901 ☐

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2					
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4					
5					
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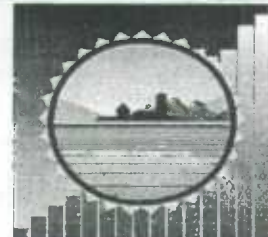
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Interviewer \_\_\_\_\_ Senior Interviewer \_\_\_\_\_

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