

Annual Greenhouse, Sod and Nursery Survey, 2015

CONFIDENTIAL when completed.

Si vous préférez ce questionnaire en français, veuillez cocher

Please provide your email address.

Email address

C0009

If necessary, please make address label corrections in the boxes (please print).

Legal Name (if applicable)

C0001

Operating Name (if applicable)

C0002

Address (number and street)

C0004

City

C0005

Province / Territory

C0006

Postal Code

C0007

Country

C0053

GENERAL INFORMATION

This information is collected under the authority of the *Statistics Act*, Revised Statutes of Canada, 1985, Chapter S-19. **COMPLETION OF THIS QUESTIONNAIRE IS A LEGAL REQUIREMENT UNDER THIS ACT.**

Survey purpose

This survey is to collect up-to-date information on the production and value of greenhouse plants and vegetables and the production of nursery stock and sod grown in Canada. The results are publicly released in April and are used by producer associations and governments to assess the economic health of the greenhouse, sod and nursery production industries. Your information may also be used by Statistics Canada for other statistical and research purposes.

Data-sharing agreements

To reduce respondent burden, Statistics Canada has entered into data-sharing agreements with provincial and territorial statistical agencies and other government organizations, which have agreed to keep the data confidential and use them only for statistical purposes.

Information on data-sharing agreements can be found on page 13 of this questionnaire.

Confidentiality

Your answers are confidential.

The *Statistics Act* protects the confidentiality of information collected by Statistics Canada.

Statistics Canada is prohibited by law from releasing any information it collects which could identify any person, business, or organization, unless consent has been given by the respondent or as permitted by the *Statistics Act*. Statistics Canada will use the information from this survey for statistical purposes.

Your participation is important

Your participation is vital to ensuring that the information collected in this survey is accurate and comprehensive as it will be used for programs to assist growers.

Record linkages

To enhance the data from this survey, Statistics Canada may combine it with information from other surveys or from administrative sources.

INSTRUCTIONS TO GREENHOUSE/NURSERY/SOD OPERATOR

1. This questionnaire is to assist you in answering a telephone survey. Complete this form and keep it by your telephone. An interviewer from Statistics Canada will telephone you between **January 11 and February 7, 2016** for this information. **DO NOT MAIL** this questionnaire. It is for your records.
2. Please answer all questions that apply to your operation.
3. Use your records if possible. Otherwise, enter your best estimate.
4. Please report Canadian production only.

Thank you for your cooperation

FOR YOUR RECORDS ONLY, DO NOT MAIL

If necessary, please make address label corrections in the boxes below (please print).

MAIN RESPONDENT

C0008	Given Name and Initial(s) <input type="text"/>	C0028	Family Name <input type="text"/>		
C0017	Telephone Number <input type="text"/>	C0016	Fax Number <input type="text"/>	C0506	Other Telephone Number <input type="text"/>
C0504	Number and Street Name <input type="text"/>				
C0507	Post Office (name of city, town or village where mail is received) <input type="text"/>	C0512	Province <input type="text"/>	C0510	Postal Code <input type="text"/>
C0018	Email Address (if applicable) <input type="text"/>				

ALTERNATE RESPONDENT

C0603	Given Name and Initial(s) <input type="text"/>	C0601	Family Name <input type="text"/>		
C0600	<input type="checkbox"/> Check this box if the address and telephone number is the same as those of the main respondent.				
C0602	Telephone Number <input type="text"/>	C0604	Fax Number <input type="text"/>	C0606	Other Telephone Number <input type="text"/>
C0609	Number and Street Name <input type="text"/>				
C0611	Post Office (name of city, town or village where mail is received) <input type="text"/>	C0612	Province <input type="text"/>	C0610	Postal Code <input type="text"/>

ALTERNATE RESPONDENT

C0703	Given Name and Initial(s) <input type="text"/>	C0701	Family Name <input type="text"/>		
C0700	<input type="checkbox"/> Check this box if the address and telephone number is the same as those of the main respondent.				
C0702	Telephone Number <input type="text"/>	C0704	Fax Number <input type="text"/>	C0706	Other Telephone Number <input type="text"/>
C0709	Number and Street Name <input type="text"/>				
C0711	Post Office (name of city, town or village where mail is received) <input type="text"/>	C0712	Province <input type="text"/>	C0710	Postal Code <input type="text"/>

PART I – TYPE OF PRODUCTION

1. Did you **grow** greenhouse, nursery, sod products or Christmas trees in 2015?

C1000 1 Yes

3 No → **Go to comments on page 13**

2. Which of the following products did you **grow** in 2015? (*check all that apply*)

(a) Greenhouse products (vegetables, fruits, flowers and plants) (**Exclude vegetable and fruit production in non-heated covering tunnels**)

C1001 **Go to Part II**

(b) Nursery products or Christmas trees (trees and plants)

C1002 **Go to Part III, page 9**

(c) Sod

C1003 **Go to Part IV, page 12**

PART II – GREENHOUSE OPERATIONS (See explanatory notes)

C. AREA AND NUMBER OF MONTHS OF OPERATION

3. Will you be reporting your greenhouse area in:

C2063 1 Square feet

2 Square metres

(Exclude non-heated covering tunnels used for vegetable and fruit production)

4. What was your greenhouse area under glass in 2015?

C0101

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5. What was your greenhouse area under poly-film in 2015?

C2008

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6. What was your greenhouse area under rigid plastic, fibreglass or other enclosed areas in 2015?

C0102

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7. **What was your total greenhouse area in 2015?**

C0100

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8. How many months was your greenhouse in operation in 2015?

C0103 No.

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GREENHOUSE FRUITS AND VEGETABLES

9. Did you **grow and sell** fruits or vegetables in 2015? (exclude vegetable bedding plants/transplants)

C1001 1 Yes 3 No → Go to Question 12

D. AREA, PRODUCTION AND VALUE OF GREENHOUSE FRUITS AND VEGETABLES - 2015

10. Report area, production and sales of greenhouse fruits and vegetables in 2015 in the table below.

	Area	Production	Value of sales	Reporting in			
				kg	lbs	dozen	heads
a. Greenhouse tomatoes	C0180	C0183	C0186 \$	C1024	1 <input type="radio"/>	2 <input type="radio"/>	
b. Greenhouse cucumbers	C0181	C0184	C0187 \$	C1025	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>
c. Greenhouse peppers	C0195	C0196	C0197 \$	C1026	1 <input type="radio"/>	2 <input type="radio"/>	
d. Greenhouse lettuce	C0182	C0185	C0188 \$	C1027	1 <input type="radio"/>	2 <input type="radio"/>	4 <input type="radio"/>
e. Other greenhouse fruits or vegetables (please specify) C0992 <input type="text"/>	C0178		C0189 \$				
f. Total area and gross sales of fruits and vegetables	C2009 <input type="text"/>		C0190 \$ <input type="text"/>				

E. SALES OF GREENHOUSE FRUITS AND VEGETABLES (before sales tax)

11. Report your total sales (Code C0190) in 2015 according to the manner in which they were sold.

	%	OR	CAN \$
a. Sales to domestic wholesalers	C1010 <input type="text"/> <input type="text"/> <input type="text"/> %	C1010_1 \$	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
b. Sales to mass market chain stores	C1011 <input type="text"/> <input type="text"/> <input type="text"/> %	C1011_1 \$	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
c. Sales to other greenhouses	C1012 <input type="text"/> <input type="text"/> <input type="text"/> %	C1012_1 \$	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
d. Exported sales made directly by your firm	C1013 <input type="text"/> <input type="text"/> <input type="text"/> %	C1013_1 \$	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
e. Sales to the public from your greenhouse, roadside stand or other outlets	C1014 <input type="text"/> <input type="text"/> <input type="text"/> %	C1014_1 \$	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
f. Sales to other channels	C1015 <input type="text"/> <input type="text"/> <input type="text"/> %	C1015_1 \$	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
g. Total fruit and vegetable sales (code C1016_1 = C0190)	C1016 <input type="text"/> <input type="text"/> <input type="text"/> %	C1016_1 \$	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

GREENHOUSE FLOWERS AND PLANTS

12. Did you **grow and sell** flowers or plants in 2015? (include bedding plants/transplants)

C1003 1 Yes 3 No → Go to Section K

F. INDOOR AND OUTDOOR POTTED PLANTS, FINISHED PRODUCTS

13. Did you **produce and sell** potted plants in 2015?

C1004 1 Yes 3 No → Go to Question 15

14. INDOOR POTTED PLANTS	Total number of pots
a. Azaleas	C0160 <input type="text"/>
b. Lilies	C0162 <input type="text"/>
c. Poinsettias	C0163 <input type="text"/>
d. African Violets	C0252 <input type="text"/>
e. Tropical Foliage and green plants (include ferns, exclude hanging pots)	C0165 <input type="text"/>
f. Gerberas	C0261 <input type="text"/>
g. Miniature Roses	C0267 <input type="text"/>
h. Orchids	C0269 <input type="text"/>
i. Kalanchoe	C0266 <input type="text"/>
j. Chrysanthemums (potted mums)	C2067 <input type="text"/>
k. Primula	C0271 <input type="text"/>
l. Cyclamen	C0255 <input type="text"/>
m. Tulips	C0272 <input type="text"/>
n. Indoor Hanging Pots	C2010 <input type="text"/>
o. Other indoor plants	C2011 <input type="text"/>
OUTDOOR POTTED PLANTS	
p. Begonias	C0253 <input type="text"/>
q. Chrysanthemums (garden)	C0164 <input type="text"/>
r. Geraniums (in pots only)	C0161 <input type="text"/>
s. Impatiens	C0265 <input type="text"/>
t. Petunias	C0270 <input type="text"/>
u. Herbaceous Perennials	C2068 <input type="text"/>
v. Argyranthemum	C2069 <input type="text"/>
w. Outdoor Hanging Pots	C2013 <input type="text"/>
x. Other outdoor plants in pots	C2015 <input type="text"/>
y. Total potted plants (indoor and outdoor) produced and sold	C2015 <input type="text"/>
z. Total gross sales of finished potted plants	C0276 <input type="text"/>

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G. CUTTINGS AND TREE SEEDLINGS

15. Did you **produce and sell** cuttings and tree seedlings in 2015?

C1005 1 Yes

3 No → **Go to Question 17**

16. CUTTINGS AND TREE SEEDLINGS

Total number of plants

a. Chrysanthemums

C0170

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b. Poinsettias

C0171

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c. Geraniums

C0172

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d. Impatiens (only double and New Guinea)

C0978

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e. Other cuttings

C0173

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f. Total cuttings produced and sold

C2016

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g. Greenhouse tree seedlings produced and sold

C0174

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h. Total gross sales of cuttings and tree seedlings

C0179

\$									
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H. VEGETABLE AND ORNAMENTAL BEDDING PLANTS (transplants)

17. Did you **produce and sell** bedding plants (transplants) in 2015?

Include plants ready for transplant by the purchaser into gardens, fields, containers and baskets.

C1006 1 Yes

3 No → **Go to Question 18**

Total number of plants

a. Total number of ornamental bedding plants (transplants)

C0175

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b. Total gross sales of ornamental bedding plants (transplants)

C0274

\$									
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c. Total number of vegetable bedding plants (transplants)

C0176

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d. Total gross sales of vegetable bedding plants (transplants)

C0275

\$									
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I. CUT FLOWERS

18. Did you **produce and sell** cut flowers in 2015?
(*Exclude dried cut flowers*)

C1007 1 Yes

3 No → **Go to Question 20**

19. CUT FLOWERS

Total number of stems

a. Alstroemeria

C0150

b. Chrysanthemums (Standard & sprays)

C2017

c. Daffodils

C0152

d. Freesia

C0145

e. Gerberas

C0143

f. Iris

C0144

g. Lilies

C0153

h. Roses

C2018

i. Snapdragons

C0148

j. Tulips

C0149

k. Lisianthus

C0965

l. Other cut flowers

C0151

m. Total stems produced and sold

C2019

n. Total gross sales of cut flowers

C0154 \$

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J. DISTRIBUTION OF SALES FOR GREENHOUSE FLOWERS AND PLANTS ONLY (before sales tax)

20. Please report your total sales of flowers and plants.

Sales

a. Sales values of flowers and plants produced in your greenhouse (sum of codes C0276, C0179, C0274, C0275 and C0154)

C2070
\$

b. Excluding values reported in question 20a, what is the value of your **immediate resale** of plants and flowers (include sales of flowers that your operation imported or purchased from other greenhouses for immediate resale).

C2071
\$

c. **Total sales of flowers and plants from your operation (sum C2070 + C2071).**

C0137
\$

21. Report your total sales (code C0137) in 2015 according to the manner in which they were sold.

	% of Sales	OR	CAN \$
a. Sales to retail florists (e.g., flower shops, garden centres)	C0130 <input type="text"/> %	C0130_1 \$	<input type="text"/>
b. Sales to domestic wholesalers (including Dutch Auction Clock System)	C0131 <input type="text"/> %	C0131_1 \$	<input type="text"/>
c. Sales to mass market chain stores	C0132 <input type="text"/> %	C0132_1 \$	<input type="text"/>
d. Sales to other greenhouses	C0133 <input type="text"/> %	C0133_1 \$	<input type="text"/>
e. Exported sales made directly by your firm	C0134 <input type="text"/> %	C0134_1 \$	<input type="text"/>
f. Sales made directly to the public from your greenhouse or road side stands	C0135 <input type="text"/> %	C0135_1 \$	<input type="text"/>
g. Sales to government and other public institutions (e.g., municipalities, school boards or provinces)	C0138 <input type="text"/> %	C0138_1 \$	<input type="text"/>
h. Sales to other channels	C0136 <input type="text"/> %	C0136_1 \$	<input type="text"/>

K. PLANT MATERIAL PURCHASES (before sales tax)

If you operate both a greenhouse and a nursery and are unable to provide a breakdown of expenditures of plant material or labour separate from your greenhouse and nursery, you will be able to report your values together during the interview.

22. a. What were your total expenses in 2015 on flowers, plants, cuttings, seedlings, seeds or bulbs for **growing on**?

C0123
\$

b. What **percentage** of your expenditures reported in the previous question were purchases from other greenhouses or nurseries **within your province**?

C0126 %

23. Did you buy flowers, plants, cuttings, seedlings, seeds or bulbs in 2015 for **immediate resale**?

C1008 1 Yes

3 No → Go to Question 25

24. What were your expenses in 2015 on flowers, plants, cuttings, seedlings, seeds and bulbs for **immediate resale**?

C0124
\$

25. **Total expenditures on plant material in 2015 (sum of codes C0123 and C0124)**

C0125
\$

L. LABOUR

Please include owners, family workers and foreign seasonal workers in the following labour questions.

26. How many seasonal workers did your greenhouse employ (less than 8 months) in 2015?	C2022 No.	<input type="text"/>
27. How many permanent workers (full-time and part-time) did your greenhouse employ (8 months and more) in 2015?	C2023 No.	<input type="text"/>
28. Total number of greenhouse employees (C2022 + C2023)	C0111 No.	<input type="text"/>
29. What was your total payroll (including owners' salaries) in 2015?	C0122 \$	<input type="text"/>

M. OTHER GREENHOUSE EXPENSES

		Dollars
30. Fuel expenses		
a. Natural Gas	C0115 \$	<input type="text"/>
b. Heating oil	C0116 \$	<input type="text"/>
c. Other types of heating fuel (i.e. coal, wood chips) (Please specify) ^{C0993} <input type="text"/>	C0117 \$	<input type="text"/>
d. Total fuel expenses in 2015 (sum of codes C0115, C0116 and C0117)	C0121 \$	<input type="text"/>
31. Electricity expenses (lighting, airflow fans and heating)	C2024 \$	<input type="text"/>
32. Other crop expenses (include fertilizer, pesticides, growing mediums, irrigation and pollination expenses; exclude plant material purchases)	C0114 \$	<input type="text"/>
33. Other operating expenses (interest, land taxes, insurance, packaging, repairs to farm buildings, machinery, agricultural equipment and vehicles and contract work)	C0112 \$	<input type="text"/>
34. Total operating expenses in 2015 (sum of codes C0125, C0122, C0121, C2024, C0114 and C0112)	C0113 \$	<input type="text"/>

PART III – NURSERY OPERATIONS (See explanatory notes)

35. Did you cut and sell Christmas trees that were grown on this operation in 2015? C1009 1 <input type="radio"/> Yes 3 <input type="radio"/> No → Go to Question 38	
36. Will you report Christmas tree area in: C2025 1 <input type="radio"/> acres 2 <input type="radio"/> hectares 3 <input type="radio"/> arpents	
37. Report your area, production and sales of Christmas trees cut on your operation. (Include naturally established or planted areas, regardless of stage of growth, that are pruned or managed with the use of fertilizer or pesticides.)	Total Area C2026 <input type="text"/>
	Cut trees C2027 No. <input type="text"/>
	Dollars C2028 \$ <input type="text"/>

Christmas tree producers that did not grow nursery products, go to question 45.

N. NURSERY OPERATIONS

38. Did you **grow or sell** nursery products in 2015?

C1017 1 Yes

3 No → **Go to Question 45**

39. Will you report your nursery area in: C0199 1 acres 2 hectares 3 arpents

40. Please include land owned or rented in the following questions.

Area

a. Field area used for growing nursery stock in 2015

C0603

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b. Container area used for growing nursery stock in 2015

C2029

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c. What was your total area used for growing nursery stock in 2015?
(sum of codes C0603 and C2029)

C2030

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41. Did your nursery operation use a cold frame or non-heated covering tunnels for production?

C2031 1 Yes

3 No

O. PRODUCTION AND SALES OF FIELD AND CONTAINER GROWN NURSERY STOCK

42. Report your nursery field and container production and sales in 2015 (exclude stock sold for immediate resale, unsold inventory, Christmas trees and landscaping activities)

If no plants produced in the nursery operation were sold in 2015, go to Question 43b.

**Field Grown
Number of plants**

**Container Grown
Number of plants**

a. Trees - Conifer

C2032

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C2043

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b. Trees - Fruit

C2033

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C2044

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c. Trees - Shade/Ornamental

C2034

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C2045

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d. Shrubs - Evergreen, Conifer

C2035

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C2046

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e. Shrubs - Evergreen, Broadleaf

C2036

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C2047

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f. Shrubs - Deciduous (include Roses)

C2037

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C2048

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g. Vines

C2038

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C2049

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h. Perennials, Annuals

C2039

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C2050

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i. Small fruit bushes (eg. raspberry bush)

C2040

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C2051

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j. Tree Seedlings

C2041

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C2052

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k. Other

C2042

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C2053

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l. Total gross sales of field and container grown nursery stock

C0541

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\$

C0456

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\$

R. LABOUR AND TOTAL OPERATING EXPENSES FOR NURSERY OPERATION ONLY

Please include owners, family workers and foreign seasonal workers in the following labour questions.

50. How many seasonal workers did your nursery operation employ (less than 8 months) in 2015?	C2055 No.	<input type="text"/>
51. How many permanent workers (full-time and part-time) did your nursery operation employ (8 months and more) in 2015?	C2056 No.	<input type="text"/>
52. Total number of nursery employees (C2055 + C2056)	C0214 No.	<input type="text"/>
53. What was your total payroll (including owners' salaries) in 2015?	C0216 \$	<input type="text"/>
54. What were your other nursery operating expenses in 2015? (Include fertilizer, pesticides, land taxes, interest, insurance, repairs, fuel, electricity, irrigation and pollination expenses. Exclude plant material purchases and labour costs.)	C2057 \$	<input type="text"/>
55. What were your total operating expenses in 2015? (sum of codes C0232, C0216 and C2057)	C2064 \$	<input type="text"/>

PART IV – SOD OPERATIONS (See explanatory notes)

S. AREA AND SALES OF SOD

56. Did you grow sod in 2015? C1021	1 <input type="radio"/> Yes 3 <input type="radio"/> No → Go to page 13
57. Will you report your area of sod grown in: C1022	1 <input type="radio"/> acres 2 <input type="radio"/> hectares 3 <input type="radio"/> arpents
	Area
58. a. What was your total sod area grown in 2015?	C0631 <input type="text"/>
b. How much of your total sod area was grown for sale in 2015?	C0632 <input type="text"/>
59. What was your gross revenue from sod grown for sale on your operation in 2015?	C0634 \$ <input type="text"/>
60. Did you buy sod for immediate resale in 2015? C1023	1 <input type="radio"/> Yes 3 <input type="radio"/> No → Go to Question 63
61. a. What were your expenses on sod for immediate resale in 2015? (before sales tax)	C0633 \$ <input type="text"/>
b. What percentage of your expenditures reported in the previous question were purchases from other sod farms within your province ?	C0635 <input type="text"/> %
62. What was your gross revenue from sod purchased for immediate resale in 2015? (before sales tax)	C0636 \$ <input type="text"/>
63. Total sod sales (sum of codes C0634 + C0636)	C2075 \$ <input type="text"/>

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T. LABOUR AND TOTAL OPERATING EXPENSES FOR SOD OPERATIONS ONLY

Please include owners, family workers and foreign seasonal workers in the following labour questions.

64. How many seasonal workers did your sod operation employ (less than 8 months) in 2015? C2058
No.

65. How many permanent workers (full-time and part-time) did your sod operation employ (8 months and more) in 2015? C2059
No.

66. Total number of sod employees (sum of codes C2058 + C2059) C2073
No.

67. What was your total payroll (including owners' salaries) in 2015? C2060
\$

68. What were your other operating expenses for your sod operation in 2015? (Include fertilizer, pesticides, land taxes, interest, insurance, repairs, fuel, electricity and irrigation expenses. Exclude sod purchases and labour costs.) C2061
\$

69. What were your total operating expenses for your sod operation in 2015? (sum of codes C0633, C2060 and C2061) C2065
\$

DATA-SHARING AGREEMENTS

To reduce respondent burden, Statistics Canada has entered into data-sharing agreements with provincial and territorial statistical agencies and other government organizations, which have agreed to keep the data confidential and use them only for statistical purposes. Statistics Canada will only share data from this survey with those organizations that have demonstrated a requirement to use the data.

Section 11 of the *Statistics Act* provides for the sharing of information with provincial and territorial statistical agencies that meet certain conditions. These agencies must have the legislative authority to collect the same information, on a mandatory basis, and the legislation must provide substantially the same provisions for confidentiality and penalties for disclosure of confidential information as the *Statistics Act*. Because these agencies have the legal authority to compel businesses to provide the same information, consent is not requested and businesses may not object to the sharing of the data.

For this survey, there are **Section 11** agreements with the provincial statistical agencies of Newfoundland and Labrador, Nova Scotia, New Brunswick, Quebec, Ontario, Manitoba, Saskatchewan, Alberta and British Columbia.

The shared data will be limited to information pertaining to business establishments located within the jurisdiction of the respective province.

Section 12 of the *Statistics Act* provides for the sharing of information with federal, provincial or territorial government organizations. Under **Section 12**, you may refuse to share your information with any of these organizations by writing a letter of objection to the Chief Statistician. Please specify the name of the survey and the organizations with which you do not want to share your data.

For this survey, there are **Section 12** agreements with the statistical agency of Prince Edward Island as well as the Department of Natural Resources Forestry and Agrifoods Agency of Newfoundland and Labrador, the Ontario Ministry of Agriculture, Food and Rural Affairs, the Manitoba Agriculture, Food and Rural Development, the Saskatchewan Ministry of Agriculture and the British Columbia Ministry of Agriculture.

For agreements with provincial government organizations, the shared data will be limited to information pertaining to business establishments located within the jurisdiction of the respective province.

COMMENTS

C0129 _____

C0130 _____

C0131 _____

2015 ANNUAL GREENHOUSE, SOD AND NURSERY SURVEY – EXPLANATORY NOTES

The purpose of the enclosed questionnaire is to collect information about the GREENHOUSE, SOD, NURSERY and CHRISTMAS TREE industries in Canada. These explanatory notes are provided to answer any questions you may have while completing this survey. If your operation is involved in “service” related activities such as landscape contracting or laying sod, please exclude the figures related to the non-agricultural portion of your operation from the attached survey.

PART II: GREENHOUSE OPERATIONS

Section C – Area and Months in Operation

Note:

The area and plants (including **vegetable plugs**) covered by cold frames or covering tunnels **SHOULD NOT BE** included in the greenhouse section of the survey. This is not considered to be part of the greenhouse area. A cold frame is not a greenhouse.

Question C4: Report only the area under glass.

Exclude: Area surrounding the greenhouse(s), i.e. nursery, retail garden centre, wheat field, etc.

Question C5: Report total area under poly-film or polyethylene. Poly-film is a thick, **flexible**, translucent material that is used to build the greenhouse walls and roof.

Question C6: Include all other types of enclosed protection used for growing plants, i.e. rigid insulation, mine shafts, barns, shelters. Report poly-film plastic area in C5.

Question C8: Exclude months when operator was not actively growing plants i.e. fumigation period.

Section D – Area, Production and Value of Greenhouse Fruits and Vegetables – 2015

Question D10: Report edible produce ready to consume.

Exclude: Bedding plants (transplants), tobacco, ginseng, asparagus or mushrooms.

Multiple crop plantings: If you produced multiple crop plantings of the **same** greenhouse fruits/vegetables in the **same** greenhouse space, report area only once, but report all production and value (i.e. if 1000 ft² were used for the 1st tomato crop planting producing 2000 lbs and the same area was used for the 2nd tomato crop planting producing 1500 lbs- report 1000 ft² and 3500 lbs.).

If you produced multiple crop plantings of **two or more** greenhouse vegetables in the **same** greenhouse space, use the following format (i.e. if you use 2000 ft² to grow tomatoes for your 1st crop and switch to cucumbers ½ way through the summer [using the same space, 2000 ft²], you should report your total area as 4000 ft² [2000 ft² for tomatoes and 2000 ft² for cucumbers]).

Please report OTHER greenhouse fruits and vegetables (not listed in questions 10a-d) in 10e.

Section E – Sales of Greenhouse Fruits and Vegetables (before sales tax)

Question E11: Please report which avenues you sold your fruits and vegetables through, be it wholesalers, mass market chain stores, through the export market, to the public, etc.

Section F – Indoor and Outdoor Potted Plants, Finished Products

Question F14: Please report the number of potted plants you **grew and sold from your greenhouse**. Please report Canadian production of ornamental finished potted plants only.

For the purpose of this survey, the term “**hanging pots**” refers to any type of hanging basket (plastic, peat moss, wicker, ceramic, etc.)

Exclude: Resale merchandise (plants that were bought and resold immediately without much care or maintenance), nursery stock (potted fall mums grown and sold from a nursery or potted shrubs such as Azaleas or Heather), lilies grown in a field and Christmas trees sold in pots.

Section G – Cuttings and Tree Seedlings

Question G16: Report your propagating material i.e. greenhouse grown cuttings (rooted or vegetative), tree seedlings (exclude nursery product grown in cold frame or non-heated tunnel) and any other cuttings you **grew and sold** (exclude immediate resale).

Exclude: Ornamental and vegetable bedding plants/transplants (**this material should be reported in section H**).

Section H – Vegetable and Ornamental Bedding Plants (transplants)

Questions H17a, H17b, H17c, H17d: Report total number of bedding plants sold in cell packs, trays or flats ready for transplant into gardens, fields, containers, baskets, pots or larger cell packs by the purchaser (exclude immediate resale).

Section I – Cut Flowers

Exclude: Immediate resale, dried cut flowers and cut flowers grown and cut from the field.

Section J – Distribution of Sales for Greenhouse Flowers and Plants (before sales tax)

Question J20a : Refers to all sales of plants and flowers cultivated inside the greenhouse. The value reported should be equal to the sum of sales values reported as potted plant sales, cuttings and tree seedling sales, bedding plant sales and cut flowers sales.

Question J20b : Refers to sales of plants and flowers that have been purchased for immediate resale. These plants and flowers are usually sold within a short time period with minimal maintenance. Some operations could purchase plants and flowers for immediate resale in order to attract customers with a larger diversity of products inside their stand. Plant material purchases for immediate resale will be reported later inside section K (Question 24).

Question J20c: Report all sales of flowers and plants that were either, produced and sold by your operation, or imported or bought within Canada and resold immediately **and** revenue from “renting out” plants in sales to other channels.

Question J21 : Report total flower and plant sales reported in question J20c by the manner in which they were sold (type of market). Respondents can report sales in dollars or in a percentage. The sum of values reported inside each category should equal total sales reported in cell **C0137** or should be equal to 100 percent.

Exclude: Non-plant material such as garden centre products (i.e. fertilizer, peat moss, vermiculite, soil, seeds, etc.).

Section K – Plant Material Purchases (before sales tax)

*** If you operate both a greenhouse and a nursery and are unable to provide a breakdown of expenditures of plant material or labour separate from your greenhouse and nursery, you will be able to report your values together during the interview.**

Question K22a: Report purchases for **growing on** (starting a plant/seedling in your greenhouse by caring and maintaining for it by seeding, transplanting, fertilizing, etc. until it becomes a sellable product).

Exclude: Flowers, plants, cuttings, seedlings, seeds, and bulbs purchased for **immediate resale** (refer to question **K24** for definition).

Question K22b: Only the **percentage of expenditures** on plant material used for **growing on** purchased from other greenhouses, nurseries, wholesalers or other channels from **within your province** should be reported in this question.

Question K24: Report expenses for **immediate resale** (buying and selling a plant within a short time period with minimal maintenance).

Section L – Labour

Questions L26 & L27: Only employees involved in the growing, maintaining and harvesting of greenhouse fruits/vegetables and plants should be reported here.

Include: The labour of the owner and family help.

Exclude: All labour used for retailing, clerical help and contract work (i.e. truck driver, landscaper).

Question L29: If you operate both a greenhouse and a nursery, please provide the labour, wages and benefits for the greenhouse portion only in this section.

Include: Paid benefits such as medical insurance, workers compensation, employment insurance, and pension plans.

Exclude: Wages and benefits paid to employees involved in retail, clerical help and contract work (i.e. truck driver, landscaper).

Section M – Other Greenhouse Expenses

Question M30: Please specify whether you used natural gas, heating oil or another type of fuel, such as wood or coal. Please write in the name of the other fuel you used. Please report your total fuel expense under code **C0121***.

Question M32: Include crop expenses on fertilizer, pesticides and growing mediums such as soil, peat moss, vermiculite, perlite, sand, styrofoam, sawdust, pollination and irrigation.

Question M34: Report total operating expenses here (sum of codes **C0125, C0122, C0121, C2024, C0114** and **C0112**).

Exclude: The cost of land purchases, buildings, equipment or machinery.

***Note:** The total of **C0115, C0116** and **C0117** should equal code **C0121**.

PART III: NURSERY OPERATIONS

Please exclude from this portion of the questionnaire figures relating to the greenhouse portion (if applicable) of your operation (see PART II: GREENHOUSE NOTES).

Question 37: For Christmas Trees, report naturally established or planted areas, regardless of stage of growth, that are pruned or managed with the use of fertilizer or pesticides.

Section N – Nursery Area

Question N40: Only land used for growing or maintaining nursery stock during 2015 should be included. Report nursery container area (any plant sold in a container from your nursery) in code **C2029** and field area in code **C0603**.

Question N41: The area and plants (including **vegetable plugs**) covered by cold frames or covering tunnels should be reported in the nursery section of the survey. This is not considered to be part of the greenhouse area.

Section O – Production and Sales of Field and Container Grown Nursery Stock in 2015

Question O42:

FIELD GROWN

Please report any **field-grown** trees, shrubs, vines, perennials, small fruit trees and any other field-grown nursery stock PRODUCED AND SOLD.

Include: All balled and burlapped, bare root and field potted stock.

Exclude: Immediate resale, container-grown nursery stock, Christmas trees (without the root system intact), greenhouse production, unsold inventory, value received for landscaping services.

CONTAINER GROWN

Please report any **container-grown** trees, shrubs, vines, perennials, small fruit trees and any other container-grown nursery stock PRODUCED AND SOLD.

Include: All container sizes (less than 1 gallon, 1 gallon, 2 gallons and/or greater than 2 gallons).

Exclude: Immediate resale, field-grown nursery stock, Christmas trees (without the root system intact), greenhouse production, unsold inventory, value received for landscaping services.

Section P – 2015 Sales of Nursery Stock (before sales tax)

Question P43a:

Growing on – starting a plant/seedling on your nursery operation by caring and maintaining through seeding, transplanting, fertilizing, etc. until it becomes a sellable product (codes **C0541 + C0456 = C0217**).

Question P43b:

Immediate resale – the process of buying a tree, shrub, plant, seed, seedling, cutting, etc. and selling it within a short time period with minimal care or maintenance.

Question P43c:

Report TOTAL SALES of nursery stock in 2015 here (codes **C0217 + C0218 = C0219**).

Question P44i:

Include revenue from rentals, sales to brokers & forestry firms.

Section Q – Nursery Purchases of Plant Material

Question Q46: Enter the dollar value of stock purchased specifically for **growing on**.

Question Q48: Enter the dollar value of stock purchased specifically for **immediate resale** and not for cultivation purposes.

Sections R and T Labour (Nursery and Sod Operations)

Questions R50, R51, T64 and T65:

Permanent and Seasonal workers

Include: The number of workers in your operation involved in growing, maintaining and harvesting nursery stock and/or sod.

Exclude: Labour for retail services (sales clerks in garden centres, labour for contract work, laying sod, landscaping or installing shrubs at client's homes).

Question R53 and T67:

Total Payroll

Include: Benefits such as medical insurance, worker's compensation, employment insurance, pension plans as well as owners', management and family members' salaries.

Exclude: Wages for retail or contract work not related to the nursery and/or sod operation.

PART IV: SOD OPERATIONS

Section S – Sod

Question S59: Report all revenue from all sod **grown for sale**.

Question S61a: Report all sod purchased specifically for **immediate resale** and not cultivated by your firm.