

2005 Pilot Survey on Soil Management Practices



FOR INFORMATION ONLY

CONFIDENTIAL when completed

Collected under the authority of the Statistics Act, Revised Statutes of Canada, 1985, Chapter S19.

For interviewer use only

			<u>-</u>
Fully completed	005	1	
Partial	005	4	
Refusal	005	2	
No contact	005	3	

In operation 004 00 Change of operator 004 12 Out of business 004 Out of scope 004

To correct or make changes to this label \rightarrow See below.

Ce questionnaire est disponible en français.

TO THE RESPONDENT:

Why your participation is important

- As steward of the land, your answers, combined with those of other farm operators, ensure that sound and unbiased statistics about land and soil management practices are produced.
- You were selected randomly and you represent several farmers who operate farms like yours.
- We cannot replace you without risking to bias survey results.

Why this information is important

- · We need accurate information on soil management practices from Canadian farm operators.
- Your data will help researchers to estimate the amount of carbon stored in the soil.
- The information will ensure that the amount of carbon stored in the soil which could be credited to the agriculture industry is estimated more accurately.

How can you participate

- A Statistics Canada interviewer will contact you within the next few weeks.
- You can fill out this questionnaire prior to the telephone call to speed up the interview.
- If you prefer, you can complete the questionnaire and return it in the return postage paid envelope.

Do you have to participate

- Your participation to this pilot survey is voluntary under Section 8 of the Statistics Act.
- Your cooperation is important to ensure that the information collected is accurate.
- To represent the whole agricultural industry, we need the participation of livestock and crop producers in the survey; whether operating a small, medium or large farm.

The information you provide is confidential

- All information will be kept confidential under the Statistics Act.
- Only summary statistics and charts will be produced.
- If you agree to share the information on this form with Agriculture and Agri-Food Canada researchers, they will not be given your name, address, e-mail or any other identifier to keep the information confidential.

Please refer to the 2005 calendar year when answering the questions.

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STC/AGR-450-75410

STEP 1: Farm area and land use
1.00 What unit of measure will you use to report land areas?
(Check one circle only) O 01 Acres O 02 Hectares O 03 Arpents (Quebec only)
1.01 In 2005, what was the total farmland area?
 INCLUDE all land area on this operation whether the land area is owned, rented or crop-shared FROM OTHERS in 2005 all hay and crops harvested or used as green manure in 2005, even if they were sown or planted in an earlier year tame or seeded pasture and natural land for pasture and ranch areas producing and non-producing areas of fruits, berries, nuts and vegetables areas in summerfallow and chemfallow (if both practices are used, report areas only once) woodland (woodlots, sugarbush, tree windbreaks, bush, sherlterbelt)
 areas of nursery and sod cultivated for sale DO NOT INCLUDE land area rented TO OTHERS in 2005
 Christmas tree (naturally established or planted for sale) areas idle land, land on which farm buildings, barnyards, lanes, home gardens, greenhouses and mushroom houses are located
1.02 In 2005, what was the total area harvested for hay or silage?
 alfalfa, tame hay and fodder crops (clover, etc.) harvested for hay or silage DO NOT INCLUDE tame or seeded pasture areas natural land for pasture areas of annual crops (oats, fodder corn, etc.) pastured or harvested as hay or silage
1.03 On average, how many years does a field remain in hay before another crop is rotated in
or before the hay is reseeded?
1.05 How much land area was changed FROM HAY in 2004 to an ANNUAL CROP underseeded with a new hay crop in 2005? 25
1.06 How much land area was changed FROM AN ANNUAL CROP in 2004 to HAY in 2005?
1.07 In 2005, what was the total area of tame or seeded pasture? DO NOT INCLUDE areas to be harvested for hay, silage or seed
1.08 In 2005, what was the total area of natural land for pasture and rangeland?
1.09 On average, how many years does a field remain in pasture before another crop is rotated in or before the pasture is reseeded?
1.10 How much land area was changed FROM PASTURE (tame, seeded and natural) in 2004 to an ANNUAL CROP in 2005?
1.11 How much land area was changed FROM AN ANNUAL CROP in 2004 to PASTURE in 2005?
1.12 In 2005, what was the total area in annual field crops?
1.13 What was the total producting and non-producting area in fruits, berries and nuts in 2005?
1.14 In 2005, what was the total area in vegetables?
1.15 What was the total woodland (woodlots, sugarbush, tree windbreaks, bush, shelterbelt) area? DO NOT INCLUDE Christmas tree (naturally established or planted for sale) areas
1.16 How much land area was changed FROM WOODLAND areas in 2004 to CULTIVATED CROPLAND in 2005?
1.17 How much land area was changed FROM WOODLAND areas in 2004 to PASTURE in 2005?
1.18 How much the land area that you farmed in 1995 was permanently out of agricultural production in 2005?

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EXAMPLE ON HOW TO COMPLETE STEP 2

How to complete Step 2

- Each column should be used to report the crop you harvested in 2005 and the tillage used to prepare the soil before.
- · Tillage and seeding practices may differ depending on the type of soil, the crop that was grown in the previous year, etc. If different tillage and seeding practices were used for the same type of crop (even if just for part of a field), use different columns to report each situation.
- Include tillage and seeding practices only for the land that you operated (owned, rented FROM OTHERS or in crop-shared FROM OTHERS) in 2005.
- · Report all hay and crops harvested or used as green manure in 2005, even if they were sown or or planted in an earlier year.
- Include all tillage and seeding practices made by you, a partner, an employee or a custom operator.
- Report tillage implements used for hay fields in 2004 that were changed to an annual crop in 2005.
- If summerfallow was used in 2005, report tillage activities on the summerfallow areas in Step 7 (page 9).
- If the field was in hay, pasture, or fallow in 2004, report "hay" ("pasture" or "fallow") and skip the question on the yield in 2004 for this field.
- If you don't find the tillage and seeding implements in the proposed lists, use the "Other" category to describe the implements you used.

Example

John harvested 150 acres of wheat in 2005. Of those 150 acres, 100 were in fields where he grew corn in 2004, and 50 acres were in fields where he grew hay in 2004. John will report the 100 acres of wheat in the "Situation A" column and the 50 acres of wheat in the "Situation B" column. In 2005, John also harvested 100 acres of corn in fields where he grew wheat in 2004 (Situation C).

the wheat (Situation C). He does not ne	•	•	shels per acre for
	Situation A	Situation B	Situation C
2.00 What crop was harvested in 2005?	WHEAT 100	WHEAT 200	CORN 300
2.01 What was the harvested area in 2005?	1 0 0	5 0	1 0 0
2.02 What crop was underseeded in 2005?	102	202	302
2.03 What area was underseeded in 2005?	0 103	0 203	0 303
2.04 What crop was harvested in 2004?	CORN 104	HAY 204	WHEAT 304
2.05 What was the yield for the crop in 2004?	1 4 0	205	3 5
2.06 What unit of measure do you report yield?	Bushel per acre	206	Bushel per acre
Example For "Situation A" and "Situation B", John For "Situation C", he used an air seeder			ding practices.
· ·	,	•	column)
2.07 To prepare the land before seeding the crop in 2 fall 2004), would you say the tillage was	2005 (or <u>Situation A</u>	(Check one circle only for each Situation B	Situation C
conventional?	⊠ 107	⊠ 207	O 307
conservation or minimum till?	O 108	O 208	O 308
no-till, zero-till or direct seedi	ng? O 109	O 209	X 309
Example For "Situation A" and "Situation B", John cultivator in the spring prior to seeding. For "Situation C", he used an air seeder	He also used a planter for	•	wo passes of field
2.08 and 2.09, which implements were us	sed and how many passes wer	e made for each situation?	
TILLAGE	<u>Situation A</u> No. of passes Fall Spring	<u>Situation B</u> No. of passes Fall Spring	<u>Situation C</u> No. of passes Fall Spring
Mouldboard plough	2004 2005 1 110 111	2004 2005 111	2004 2005 310 311
Field cultivator (9-12" sweeps)	122 2 123	222 223	322 323
Planter	150 1 151	250 1 251	350 351
Air seeder or air drill	160 161	260 261	360 1 361

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STE	EP 2: Crop rotation and soil manag	jem	ent	t pra	cti	ce	S														
	Identify the different crop rotations (or situ	atio	ns) 1	follov	ved	in 2	2004	1 an	d 20	05.											
			-	ituati							Situa	tion	В				Si	tuatio	on C		
2.00	What crop was harvested in 2005?							100							200						300
	What was the harvested area in 2005?							101							201						301
								102				1			202						302
	What crop was underseeded in 2005?				1			103			1	Ī			203			T			303
2.03	What area was underseeded in 2005?							104				<u> </u>			204						304
2.04	What crop was harvested in 2004?						1						1 1							<u> </u>	4
2.05	What was the yield for the crop in 2004?							105							205	i					305
2.06	What unit of measure do you report yield?							106							206						306
2.07	To prepare the land before seeding the crop in	2005	or (or						(Ch	eck	one	circle	only	for e	each	n colu	mn)				
	fall 2004), would you say the tillage was			<u>s</u>		atio	<u>n A</u>						uatior	<u>1 B</u>				<u>s</u>	ituati	on C	
	conventional?				_	107						0	207						O 307		
	conservation or minimum till?no-till, zero-till or direct seeding?				_	109						0	209) 309		
0.00				4												·		!4 4 !	2		
2.08	After harvest in 2004 and before seeding, which	ımp	oiem			e us atio		na i	now i	man	у ра		were uatior		iae	tor ea	acn s		on? ituati	on C	
							sse	s					of pa		6			_	lo. of		
	<u>TILLAGE</u>			F	all		Spri	ng				Fall		Spri	ng			F	all	Spr	ring
				20 	004	110	2005	1111				2004	210	005	211			20	310	2005	311
	Mouldboard plough Heavy duty cultivator/Chisel plow (16-18" swee			ŀ	_	112		113					212		213			F	312		313
	Heavy duty cultivator/Chisel plow (16-16 Swee			F	=	114		115					214		215			F	314		315
	Heavy duty cultivator/Chisel plow with harrows			F	_	116		117					216		217			F	316		317
	Tandem disc (3" deep or less)			Ī		118		119					218		219			Ī	318		319
	Tandem disc (more than 3" deep)					120		121					220		221				320		321
	Field cultivator (9-12" sweeps)					122		123					222		223				322		323
	Field cultivator with harrows					124		125					224		225				324		325
	Wide blade cultivator (24" to 60" blades)					126		127					226		227				326		327
	Discer			Ļ	_	128		129					228		229			<u> </u>	328		329
	Discer with coil packers			Ļ	_	130		131				<u> </u>	230		231			Ļ	330	-	331
	Harrows			Ļ		132		133				<u> </u>	232 234		233			Ļ	332		333
	Tine harrows and packer			Ļ	_	136		137					236		237			F	336		337
	Rotary harrow			F		138		139					238		239			F	338	-	339
	Rotary hoe			F		140		141				-	240		241			-	340		341
	Soil saver.			F		142		143					242		243			F	342		343
	Soil ridger			F		144		145					244		245			F	344		345
	Other tillage, specify on lines below			<u> </u>		I.		1												-	
366				. [146		147					246		247				346		347
367				. <u>L</u>		148		149					248		249				348		349
2 09	For seeding and before harvesting in 2005, which	ch in	nnla	monts	wo	ro i	haeı	and	l hov	, ma	nv r	1255	as wa	ro n	nad	e for	oach	eitus	tion?		
2.00	TOT SCORING AND SCHOOL HAIVESTING IN 2000, WILL		iipici	illoille.	• •••		Spri		11100	, ,,,,	יייי ו	<i>,</i>		Spri		0 101	cacii	Situe			ring/
	SEEDING/PLANTING/FERTILIZING/SPREADING	ì		F	all		Sum	ımeı	•			Fall		Sum	mer	•		F	all	Sur	mmer
				20 	004	148	2005	5 1 ₁₄₉				2004	248	2005	249			20 	348	200)5 ₃₄₉
	Disc drill		=	-	_	150		151				-	250		251			F	350	-	351
	Planter			F	=	152		153				-	252		253			F	352		353
	Fertilizer spreader (onto surface) Fertilizer banding or injector (into soil)			F	4	154		155				\vdash	254		255			 -	354	-	355
	Manure spreader (onto surface)			F	7	156		157					256		257			F	356	-	357
	Manure injector (into soil)			ř	7	158		159					258		259			F	358		359
	Air seeder or air drill			Ī		160		161					260		261			F	360		361
	Other, specify on the lines below			_				-				_						_			_
368				. [162		163					262		263				362		363
369				. [164		165					264		265			L	364		365
	Did you harvest other crops in 2005?				01	0	Yes		02	0	Nο	b (3o to	Ste	n 3	(pagg	8۱ د				370
l	you man root outer oropo in 2000!					$\overline{}$. 63			$\overline{}$		- (10	- LC	~ ~	'haae	,				

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STE	EP 2: Crop rotation and soil manage	em	ent	t pra	act	ice	s (c	on	tinı	uec	l)										
	Identify the different crop rotations (or situa	atio	ns) 1	follo	wec	in t	2004	l an	d 20	05.											
			<u>s</u>	ituat	ion	D				<u>s</u>	Situa	tion	<u>E</u>				Si	tuati	on F		
2.10	What crop was harvested in 2005?							400							500						600
	What was the harvested area in 2005?							401							501						601
2.12	What crop was underseeded in 2005?							402		•					502						602
	What area was underseeded in 2005?							403							503						603
						<u> </u>		404		<u> </u>					504						604
	What crop was harvested in 2004?			ſ		1		405							505			Г	T		605
	What was the yield for the crop in 2004?			ļ				406							506			L			606
2.16	What unit of measure do you report yield?																				
2.17	To prepare the land before seeding the crop in 2 fall 2004), would you say the tillage was	2005	(or		Situ	ıatio	n D		(Ch	eck (one (<i>only</i> ation		each	colu	mn)	S	Situatio	on F	
	conventional?				0	407						0	507					(O 607		
	conservation or minimum till?				0	408						0	508					(O 608		
	no-till, zero-till or direct seeding?				0	409						0	509					(O 609		
2.18	After harvest in 2004 and before seeding, which	imp	lem	ents	wer	e us	ed a	nd h	ow r	man	y pa	sses	were	ma	de 1	for ea	ach s	ituati	on?		
						atio							ation					_	ituati		
	THIACE					of pa	isses					No. o	-						lo. of		
	<u>TILLAGE</u>				Fall 2004		Spri 2005	ng				Fall 2004		Sprii 2005	ig				all 04	Spr 2005	•
	Mouldboard plough					410		411					510	-	511			Ī	610		611
	Heavy duty cultivator/Chisel plow (16-18" sweep	os)				412		413					512		513				612		613
	Heavy duty cultivator/Chisel plow with rod weed	ler				414		415					514		515				614		615
	Heavy duty cultivator/Chisel plow with harrows.			ļ		416		417					516		517			L	616		617
	Tandem disc (3" deep or less)			ļ		418		419					518		519			Ļ	618		619
	Tandem disc (more than 3" deep)			ļ		420		421					520		521			Ļ	620		621
	Field cultivator (9-12" sweeps)			ļ		422		423					522		523			Ļ	622		623
	Field cultivator with harrows			ļ		424		425					524		525			Ļ	624		625
	Wide blade cultivator (24" to 60" blades)			ļ		426		427					526		527			Ļ	626		627
	Discer			ļ		428		429					528		529			L	628		629
	Discer with coil packers			ļ		430 432		431					530 532		531			Ļ	630		631
	Harrows			ļ		434		433 435					534		535			Ļ	632		633 635
	Tine harrows and packer			ļ		434		437					536		537			Ļ	636	-	637
	Rotary harrow			ļ		438		439					538		539			F	638		639
	Rotary hoe			ļ		440		441					540		541			ŀ	640		641
	Rod weeder			ļ		442		443					542		543			F	642	-	643
	Soil saver			ļ		444		445					544		545			ŀ	644		645
	Soil ridger	••••		Ĺ		J							L					L		<u> </u>	J
666	Other tillage, specify on lines below			Ī		446		447					546		547			Г	646		647
667				Ì		448		449					548		549			ř	648		649
				-		•		,													
2.19	For seeding and before harvesting in 2005, which	h in	nple	ment	s w	ere ι			how	/ ma	ny p	asse				e for	each	situa	tion?		
	SEEDING/PLANTING/FERTILIZING/SPREADING				Fall		Spri	ng/ ımer				Fall		Sprii Sum	-			_	all	•	ing/ nmer
	SELDING/FLANTING/I EXTILIZING/3FREADING				2004		2005					2004		2005					aii 04	200	
	Disc drill		ı			448		449					548		549			Γ	648		649
	Planter			Ī		450		451					550		551				650		651
	Fertilizer spreader (onto surface)			Ī		452		453					552		553				652		653
	Fertilizer banding or injector (into soil)			Ī		454		455					554		555				654		655
	Manure spreader (onto surface)					456		457					556		557				656		657
	Manure injector (into soil)					458		459					558		559				658		659
	Air seeder or air drill		•	Ī		460		461					560		561				660		661
	Other, specify on the lines below					1		ı										_			7
668				. ļ		462		463				Щ	562		563			L	662		663
669				. [464		465					564		565			L	664		665
	Pul have a discount of				01	_			Ŋο	_				٥,		.	C '				670
	Did you harvest other crops in 2005?		•••••		31	O	Yes		J_	0	NO	▶ G	o to	Step	3 ((page	8)				

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STE	EP 2: Crop rotation and soil manage	em	ent	t pr	act	ice	s (e	enc	d)												
	Identify the different crop rotations (or situa	tio	ns) 1	follo	wed	ni b	2004	4 an	d 20	05.											
			<u>s</u>	ituat	ion	G				<u> </u>	Situa	tion	<u>H</u>				<u>s</u>	ituat	ion I		
2.20	What crop was harvested in 2005?							700							800						900
	What was the harvested area in 2005?							701							801						901
2.22	What crop was underseeded in 2005?							702							802						902
2.23	What area was underseeded in 2005?							703							803						903
2.24	What crop was harvested in 2004?							704							804						904
	What was the yield for the crop in 2004?							705							805						905
	What unit of measure do you report yield?			<u>.</u>			<u> </u>	706							806			L			906
									(0)	/-		-:!-		<i>6</i>	1	1	\				<u> </u>
	To prepare the land before seeding the crop in 2 fall 2004), would you say the tillage was	2005	(or		Situ	ıatio	n G		(Cn	еск	one		oniy ıatior		eacr	ı colu	mn)	<u> </u>	Situat	ion I	
	conventional?				0	707						0	807						O 907	,	
	conservation or minimum till?				0	708						0	808						O 908	3	
	no-till, zero-till or direct seeding?				0	709						0	809						O 909)	
2.28	After harvest in 2004 and before seeding, which	imp	lem	ents	wer	e us	ed a	nd l	now	man	у ра	sses	were	e ma	ide 1	for ea	ach s	ituat	ion?		
					Situ	ıatio	n G					Situ	ıatior	<u>1 H</u>				<u> </u>	Situat	ion I	
				1	No.	of pa	asse	S				No.	of pa	sses	8			ı	No. of	pas	ses
	TILLAGE				Fall		Spri	-				Fall		Spri	ng				Fall	-	oring
	Mouldboard plough			ĺ	2004	710	2005	711				2004	810	2005	811			Ī	910	200	911
	Heavy duty cultivator/Chisel plow (16-18" sweep			Ì		712		713					812		813			F	912	·	913
	Heavy duty cultivator/Chisel plow with rod weed	-		İ		714		715					814		815			F	914	· 	915
	Heavy duty cultivator/Chisel plow with harrows.			Ì		716		717					816		817			-	916	, –	917
	Tandem disc (3" deep or less)			Ì		718		719					818		819				918	, <u> </u>	919
	Tandem disc (more than 3" deep)			Ī		720		721					820		821				920	,	921
	Field cultivator (9-12" sweeps)			Ī		722		723					822		823			Ī	922		923
	Field cultivator with harrows			Ī		724		725					824		825				924	· [925
	Wide blade cultivator (24" to 60" blades)			ĺ		726		727					826		827			Ī	926	· [927
	Discer					728		729					828		829				928		929
	Discer with coil packers					730		731					830		831				930)	931
	Harrows					732		733					832		833				932		933
	Tine harrows and packer					734		735					834		835				934		935
	Rotary harrow			[736		737					836		837				936		937
	Rotary hoe					738		739					838		839				938	· _	939
	Rod weeder			ļ		740		741					840		841				940	· <u>L</u>	941
	Soil saver			ļ		742		743					842		843			<u></u>	942	<u> </u>	943
	Soil ridger					744		745					844		845				944	1	945
	Other tillage, specify on lines below			ı		1		7					1 1					Г		_	_
966				.		746		747					846		847			<u> </u>	946	<u> </u>	947
967			•••••	. [748		749					848		849			Ļ	948	` <u>L</u>	949
2.29	For seeding and before harvesting in 2005, whic	h in	elar	ment	s w	ere ı	used	l and	d hov	v ma	ınv r	oasse	es we	ere n	nade	e for	each	situ	ation'	?	
	,						Spr				,			Spri							oring/
	SEEDING/PLANTING/FERTILIZING/SPREADING				Fall		Sun	nmei	•			Fall		Sum	mer	•		ı	Fall	Su	ımmer
				2	2004	1	200	7				2004	1 1	2005	1			2 Г	004		05
	Disc drill			ļ		748 750		749 751					848 850		849			Ļ	948	<u> </u>	949
	Planter			ļ		752		753					852		851 853				950	<u> </u>	951 953
	Fertilizer spreader (onto surface)			ļ		754		755				_	854		855			-	954	<u> </u>	955
	Fertilizer banding or injector (into soil)			ļ		754 756	<u> </u>	757					856		855			Ļ	954	<u> </u>	957
	Manure spreader (onto surface)			ļ		758	<u> </u>	759				<u> </u>	858		859			Ļ	958	<u> </u>	959
	Manure injector (into soil)					760		761					860		861			F	960	_	961
	Air seeder or air drill		•	Į]	<u></u>] ``				<u> </u>] [L	300		
968	Other, specify on the lines below			ſ		762		763					862		863			Г	962		963
969			•••••	· [764		765					864		865			F	964	. -	965
			•••••	. [1	<u> </u>	J				<u></u>	ו נ					L		<u></u>	

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STEP 3: Fertilizer banding or injector	or (into) SOII)	
3.0 Did you answer using "Fertilizer banding or in	jector (iı	nto soil)" for any of the	
crops in questions 2.09, 2.19 or 2.29 in Step 23				970
			If "No" ▶ Go to Step	4
3.1 For each crop seeded in 2005, would you say t	the			
the fertilizer banding or injector		<u>C</u>	rop seeded in 2005 (or Fall 2004)	
(Check all that apply)		If	more than one crop, write them all in the box	т
disturbed less than 20% of the soil?	O 971			972
disturbed between 20-40% of the soil?	O 973			974
disturbed between 40-70% of the soil?	O 975			976
disturbed more than 70% of the soil?	O 977			978
Don't know	O 979	ļ		1
Don't know				
STEP 4: No-till, zero-till, or direct se	eding	into	undisturbed stubble or sod	
4.0 Did you appropriate till" "mare till" or "direct o	a a din a"	foron	, of the avene	
4.0 Did you answer "no-till", "zero-till" or "direct s in questions 2.07, 2.17 or 2.27 in Step 2?	_	-		980
in questione zer, zer et etce zer in etce zer			If "No" ▶ Go to Step	5
			11 110 7 30 10 010	J
4.1 When was "no-till", "zero-till", or "direct seedii	ng into ι	ındistu	rbed stubble or sod"	981
first used on the land you operate?			¹ O Prior to 1990	
Include also seeding done by custom operato	or on you	r land	² O Between 1990 and 1994	
			³ O Between 1995 and 1999	
			⁴ O After 1999	
40 5				
4.2 For each crop seeded in 2005, would you say to or air drill	ine air s			
(Check all that apply)			rop seeded in 2005 (or fall 2004) more than one crop, write them all in the box	
disturbed less than 20% of the soil?	O 982		·	983
disturbed between 20-40% of the soil?	O 984			985
				987
disturbed between 40-70% of the soil?	O 986			1
disturbed more than 70% of the soil?	O 988			989
Don't know	O 990			
STEP 5: Conservation or minimum t	illage			
5.0 Did you answer "conservation" or "minimum t	ill" for a	ny of th	na crons in	
questions 2.07, 2.17 or 2.27 in Step 2?		-	•	991
, ,			If "No" ▶ Go to Step	6
			·	
5.1 When was "conservation" or "minimum tillage	" praction	ces firs	t used on the land you operated?	992
Include also seeding done by custom operator	or on you	r land	¹ O Prior to 1990	
			² O Between 1990 and 1994 ³ O Between 1995 and 1999	
			 ³ O Between 1995 and 1999 ⁴ O After 1999 	
			O Alter 1999	
STEP 6: Management of crop residu	ıs			
6.0 For each crop harvested in 2005, how were the	cron re	eidue r	managad?	
0.0 For each crop harvested in 2000, now were the	, crop re	Jiuus i	Crop <u>HARVESTED</u> in 2005	
Were the residus (Check all that apply)			If more than one crop, write them all in the box	
left on the ground?	0	993	·	994
chopped and spread?	0	995		996
	0	997		998
grazed by livestock?	_			1000
incorporated into the soil?	0	999]
baled (straw)?	0	1001		1002
collected (chaff portion)?	0	1009		1010
burned into piles?	0	1003		1004
burned into windrows?	0	1005		1006
burned for the whole field?	0	1007		1008
Other, specify on the line below	0	1011		1012
outer, specify off the lifte below	1013			l
Not applicable (no crop residu)	— 0	1014		1015
Hot applicable (110 clop residu)	<u> </u>			1

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STEP 7: Summerfallow (and/or chem	fallow)									
7.0 In 2005, was any land area you operated in sun	nmerfallow	or chemf	allow?			(⁰¹ O Ye s		No No No Ste	1016 So to ep 8
Identify the different summerfallow practic	es used in	2005.								
Use a different column (situation) to report	t different c	ombinais	ons of	fallow	methods	s, tillage	e implem	ents used in	2005	
and crops grown on this field in 2004.										
Include all tillage and spraying practices n	nade by voi	u a partr	ner an e	emplo	vee or a	custom	operato	r		
		•		•	•		•			
Report fallow practices only for the land year.	ou operatet	ı (owned	, rentec	i, ieas	eu or crc	p-snare	eu FRON	/IOINERS)	•	
7.1 In 2005, what was the type of summerfallow us	ed?		(0	Check	one circle	only for	r each col	lumn)		
Was it a summerfallow	<u>Situ</u>	ation A			<u>Situa</u>	tion B		<u>Situ</u>	ation C	
using <u>tillage only</u> ?		O 1100				O 1200			O 1300	
using <u>tillage and herbicides</u>		O 1101				O 1201			O 1301	
using <u>only herbicides</u> (chem	fallow)?	O 1102				O 1202			O 1302	
7.2 What was the fallow area in 2005?			110	3			1203			1303
7.3 What was the crop in 2004?			110	3			1203			1303
7.4 What was the yield for the crop in 2004?			110	14			1204			1304
7.5 What unit of measure do you report yield?			110	5			1205			1305
7.6 After harvest in 2004, which implements were u	sed and ho	w many	oasses	were r	nade for	each si	tuation?			
		Situati				Situati			Situatio	on C
		No. of	<u>passes</u>			No. of	<u>passes</u>		No. of p	asses
PRIMARY TILLAGE		F. II	Spring				Spring/		-	Spring/
		Fall 2004	Summ 2005	er		Fall 2004	Summer 2005	r	Fall 2004	Summer 2005
Mouldboard plough		1106	110	7	•	1206			1306	1307
Heavy duty cultivator/Chisel plow (16-18" swee	ps)	1108	110	9		1208	1209		1308	1309
Heavy duty cultivator/Chisel plow with rod wee	der	1110	111	1		1210	1211		1310	1311
Heavy duty cultivator/Chisel plow with harrows	3	1112	111			1212			1312	1313
Tandem disc (3" deep or less)		1114	111			1214			1314	1315
Tandem disc (more than 3" deep)		1116		,		1210	1217		1316	1317
Other, specify on lines below		1118	111	9		1218	1219		1318	1319
1354		1119	112	0		1219	1220		1319	1320
							<u> </u>			<u> </u>
OTHER TILLAGE IMPLEMENTS		Situation No. of				Situation No. of	<u>on в</u> passes		Situation No. of p	
AND HERBICIDE APPLICATIONS			Spring	I			Spring/		<u></u>	Spring/
		Fall	Summ	er		Fall	Summe	r	Fall	Summer
		2004	2005	2	:	2004	2005		2004	2005
Herbicide sprayer (broadcast onto surface)		1123	112			1223			1323	1324
Herbicide band sprayer		1125	112	16		1225	1226		1325	1326
Herbicide spreader (granular) Herbicide sprayed by airplane or helicopter		1127	112	8		1227	1228		1327	1328
Field cultivator (9-12" sweeps)		1129	113	0		1229	1230		1329	1330
Field cultivator with harrows		1131	113	2		1231	1232		1331	1332
Wide blade cultivator (24" to 60" blades)		1133	113	4		1233	1234		1333	1334
Discer		1135	113	6		1235	1236		1335	1336
Discer with coil packers		1137	113	8		1237	1238		1337	1338
Harrows		1139	114	0		1239	1240		1339	1340
Tine harrows and packer		1141	114	2		1241	1242		1341	1342
Rotary harrow		1143	114			1243			1343	1344
Rotary hoe		1145	114			1245			1345	1346
Rod weeder		1147	114			1247			1347	1348
Soil saver		1149	115	iu		1249	1250		1349	1350
Other, specify on lines below		1150	115	1		1250	1251		1350	1351
1356		1152	115	3		1252	1253		1352	1353

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	operation?	(Check one circle only)			
(If the operation is a		oprietorship			
family or hobby farm,	o ³ ○ Corpora	ation (Limited company)			
check 1, 2 or 3).		ative or communal operation (e.	a Hutterite colony)		
	05 ○ Other, s				
8.1 Are you the person who looks after th	ne day-to-day farm ma	nagement decisions on this ope	eration?	O Yes	⁰² O No
Characteristics of the farm operators					
If there was only one operator, enter the		•			_
If there were more than two operators, 6 8.2 What was the age of:	enter the information for	the oldest as Operator 1 and the l	ntormation for the you	ingest as (Operator 2.
Operator 1?					
Operator 2 (minimum age 18)?					
8.3 What is the highest level of education	a completed by the one	erator(s)?	43		44
o.3 What is the highest level of education	r completed by the op-	erator(s):	Operato	or 1	Operator 2
Some elementary or secondary (high) school (include u	pgraded and special education)		01	0 01
Completed secondary (high) scho		, , ,		02	O 02
Some post-secondary, including				03	O 03
Completed college or university	_				
or vocational school, agricultural di	•	, ,		04	O ⁰⁴
Completed university degree pro	gram (include bachelor	's degree and above)		05	O ⁰⁵
			_		
8.4 How many years has the most experi	enced operator of this	farm managed a farm business	?		
B.5 Are you, your partners, or employees	interested in attendin	ng seminars or training courses			
on farming practices to help reduce g	greenhouse gas emiss	ions? 01 O N	'es ⁰² O No	03	O Don't know
3.6 In what format should this training be	offered? (Check	all that apply)			
⁴⁷ O Workshops/seminars	Concord	⁵² O On-line courses on the	Internet		
Conferences		53 O High school or univers		ificate/de	gree program)
⁴⁹ O Field days		⁵⁴ O Reading training manu			,
50 O Home study or corresponder		⁵⁵ O Courses on CD-ROMs			
⁵¹ O Extension courses or classro		56			
© Extension courses of diason	oom courses	⁵⁶ O Other, specify			
		⁵⁶ ○ Other, specify			
STEP 9: Agreement to share o		⁵⁶ ○ Other, specify			
	lata cipate in our survey.	In order to avoid duplication, St ith Agriculture and Agri-Food C	atistics Canada has anada to share resp	onses fror	m this survey.
Thank you for taking the time to partisharing agreement under Section 12 The Department will not be given you statistical and research purposes.	lata cipate in our survey. of the Statistics Act w ir name, address or ot	In order to avoid duplication, St ith Agriculture and Agri-Food C her identifier to keep the inform	atistics Canada has anada to share resp ation confidential an	onses fron d use it o	m this survey. nly for
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