

Agricultural Production Census

Including Livestock, Horticulture and Forestry
From 1 July 2016 to 30 June 2017

For help and information:

AP/EP/01

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	Email: ag@stats.govt.nz Mail: Stats NZ Freepost 10007 Private Bag 92003 Victoria Street West Auckland 1142
V .	
Are the address details above correct? If not , please use	e the boxes below to correct any errors.
Attention	
Legal name	
Building / Level / Unit	
Street / Road or PO Box	
Suburb or Rural Delivery	
Town / City	Postcode

Please complete, sign and return this questionnaire in the envelope supplied by

Purpose of this census

aricultural Production Census

 Information from this census is used for planning and evaluation by farming and industry organisations, government, local councils, researchers and community groups.

Your legal obligation

 Your information is so important that it's a legal requirement under the Statistics Act 1975 for you to complete this census.

Protecting your information

 This census is collected by Stats NZ and is fully funded by the Ministry for Primary Industries (MPI) for research and statistical purposes. Stats NZ and MPI are committed to keeping your information secure and confidential – see page 27.

Find out more

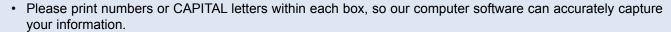
- Visit www.stats.govt.nz to see how Stats NZ can help your business grow.
- Visit www.stats.govt.nz/survey-participants or call 0800 333 104 for details about this census.

Thank you for completing this census. We value your data – we will keep it safe and ensure it informs decision-making to benefit New Zealanders.



1 Please read this first.

- Please keep a record of the time you spend reading instructions, collecting information and answering
 questions for this census. You are asked to record this at the end of the questionnaire.
- Please use a blue or black pen, mark ovals like this —. If you make a mistake, do this

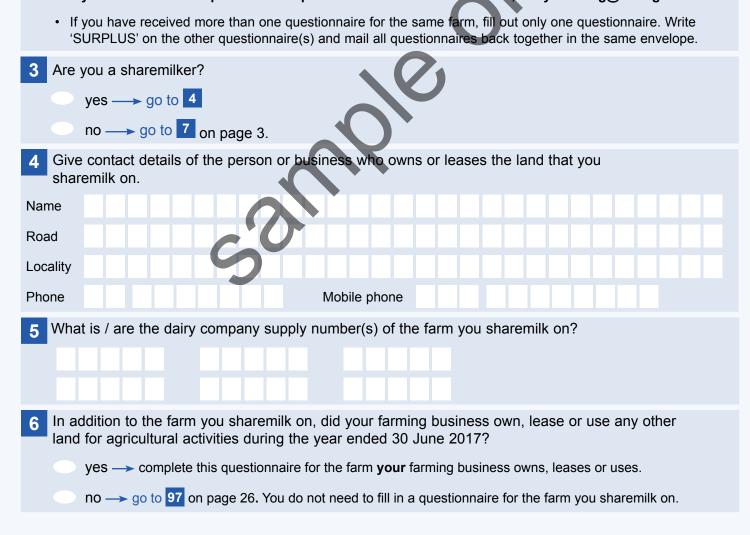


- · Where actual figures are not available, please provide close estimates.
- · One hectare is about 2.5 acres.
- · If questions do not apply, leave them blank.
- If you have any comments that will help us interpret your answers, record them in question 97.

2 Definition of a farm

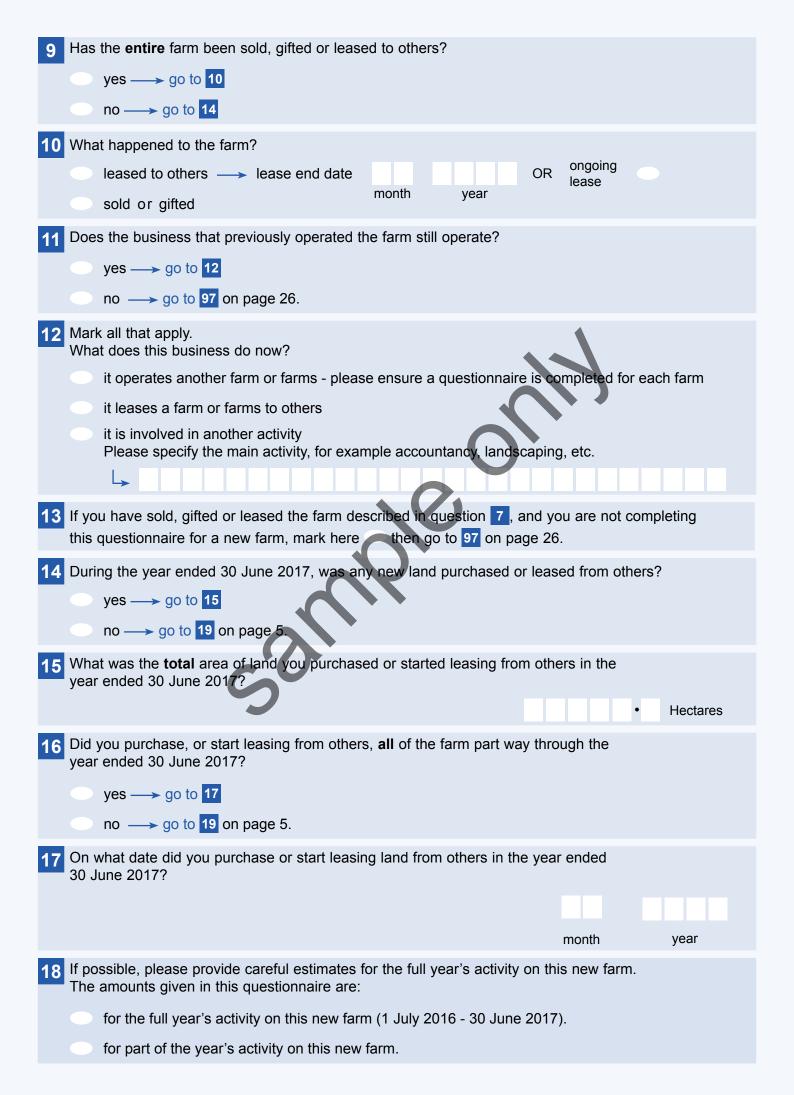
For the purposes of this census, a farm is one or more blocks of land, managed as a single operation, that is engaged in agricultural activity. This includes farming of livestock, horticulture, viticulture, nurseries, forestry, growing grain and seed crops, and land that could be used for these purposes.

- · Complete one questionnaire for each farm which you own or lease.
- If you need additional questionnaires please contact us on 0800 333 104, or by email ag@stats.govt.nz.



Location and land details

The information below should describe the farm owned or leased by the farming business. Please check the information. If any information is wrong or missing please put the correct information in the white spaces. Note: · If the farming business still operates at the location printed below, please make any corrections needed to the information, then go to 8 • If you are a sharemilker but also own or lease a farm, enter the details in this question and question 8 for the farm you own or lease. Then go to 14 and complete the questionnaire for this farm. · If the farming business no longer operates at the location printed below, but does operate elsewhere, and you have no questionnaire for it, please enter the details in this question and question 8 that relate to the current location. Then go to 14 and complete the questionnaire for this farm. · If the farming business no longer operates at the location printed below, but does operate elsewhere, and you have a questionnaire for the other farm, go to 9. • If the farming business no longer operates at the location printed below and you do not have a new farm, go to 9. • Don't include a RD number. Legal name Trading or station name Road number & road name Road number -Road name -Suburb / locality City / town On 30 June 2017, what was the total land area of the farm? If the area is wrong or missing please put the correct area in the white spaces. Don't count: land leased to others or used by others · land you sharemilk on - details should be entered in question 4 1 hectare is about 2.5 acres Count: · run-offs, and all other land that is part of the farm land you lease from others **TOTAL land area Hectares** as at 30 June 2017



9	During the year ended 30 June 2017, what activities were carried out on or from the farm?	
	Include: • both agricultural and non-agricultural activities carried out on or from the farm • an approximate percentage that each earned , for example, SHEEP FARMING 80%, WHEAT 15%, HOMESTAY 5%	
	Note: • put the activity that produced the highest percentage of income first • give up to three activities	
		%
		%
		%
		70
Lá	and use	
0	On 30 June 2017, how was the total land area of the farm made up?	
	Don't count land leased to others or used by others.	
	• run-offs, and all other land that is part of the farm 1 hectare is about	
	• land leased from others 2.5 acres	
	• land leased from others 2.5 acres Hectares	
	land leased from others	6002
	Hectares	6002
	tussock and danthonia used for grazing (whether over-sown or not)	6003
	tussock and danthonia used for grazing (whether over-sown or not)	
	tussock and danthonia used for grazing (whether over-sown or not)	6003
	tussock and danthonia used for grazing (whether over-sown or not)	6003
	tussock and danthonia used for grazing (whether over-sown or not)	6003 6012 6007
	tussock and danthonia used for grazing (whether over-sown or not) grain, seed, fodder crop and winter feed land, and land prepared for these crops. horticultural land and land prepared for horticulture (include covered production areas and vegetable land) plantations of exotic trees intended for harvest.	6003 6012 6007 6009
	grassland	6003 6012 6007 6009 6019
	tussock and danthonia used for grazing (whether over-sown or not)	6003 6012 6007 6009 6019
	grassland tussock and danthonia used for grazing (whether over-sown or not) grain, seed, fodder crop and winter feed land, and land prepared for these crops. horticultural land and land prepared for horticulture (include covered production areas and vegetable land) plantations of exotic trees intended for harvest harvested exotic forest area awaiting restocking. mature native bush. native scrub and regenerating native bush all other land (for example houses, domestic gardens, farm buildings, conservation plantings, shelter belts, river beds, wetlands, tracks, gorse) **TOTAL land area of the farm as at 30 June 2017	6003 6012 6007 6009 6019 6015 6016
	tussock and danthonia used for grazing (whether over-sown or not) grain, seed, fodder crop and winter feed land, and land prepared for these crops. horticultural land and land prepared for horticulture (include covered production areas and vegetable land) plantations of exotic trees intended for harvest harvested exotic forest area awaiting restocking. mature native bush. native scrub and regenerating native bush all other land (for example houses, domestic gardens, farm buildings, conservation plantings, shelter belts, river beds, wetlands, tracks, gorse) TOTAL land area of the farm as at 30 June 2017 Hectares Hectares Hectares Hectares Flaction This total should be the	6003 6012 6007 6009 6019 6015 6016
	grassland tussock and danthonia used for grazing (whether over-sown or not) grain, seed, fodder crop and winter feed land, and land prepared for these crops. horticultural land and land prepared for horticulture (include covered production areas and vegetable land) plantations of exotic trees intended for harvest harvested exotic forest area awaiting restocking. mature native bush. native scrub and regenerating native bush all other land (for example houses, domestic gardens, farm buildings, conservation plantings, shelter belts, river beds, wetlands, tracks, gorse) **TOTAL land area of the farm as at 30 June 2017	6003 6012 6007 6009 6019 6015 6016

F	orestry				
21	During the year ended 31 March 2017 , was there any exotic forest planted, harvested on the farm?	replanted	, or		
	Don't count: • shelter belts • native forest	1 hectare	e is about		
	yes → go to 22	2.5 a	acres		
	$no \longrightarrow go to 23$				
22	During the year ended 31 March 2017 , what was the area of exotic forest plor harvested on the farm?	lanted, rep	olanted,		
	new area planted during the year ended 31 March 2017 (don't include areas previously planted in exotic production forest)	Н	ectares	•	6050
	areas replanted that were previously planted in exotic trees (for example areas replanted following clearfelling or salvage logging)			•	6051
	exotic timber harvested (for example areas that have been clearfelled or salvage logged) Cubic metres 6052	Н	ectares	•	6053
Li	vestock including poultry				
23	During the year ended 30 June 2017, were there any livestock on the farm, owned by the farming business or not?	, whether	they were		
	For example dairy cattle, beef cattle, sheep, pigs, deer, poultry, horses, ostriches, al	lpacas.			
	yes \longrightarrow go to 24 no \longrightarrow go to 53 on page 13.				
24	During the year ended 30 June 2017, were any dairy or beef cattle calves be whether they were owned by the farming business or not?	orn alive o	on the far	m,	
	yes> go to 25				
	no \longrightarrow go to 26 on page 7.				
25	During the year ended 30 June 2017, how many dairy or beef cattle calves farm, whether they were owned by the farming business or not?	were born	alive on	the	
			Number		
	calves born to dairy heifers or cows				7190
	calves born to beef heifers or cows				7074

26	On 30 June 2017, were there any dairy cattle on the farm, whether they were owned by the	
	farming business or not?	
	 Don't count: cattle grazing off the farm on 30 June 2017; these should be counted in question 54 cattle and calves being reared for beef production; these should be counted in question 30 	
	Count all dairy cattle grazing on the farm on 30 June 2017, including dairy cattle grazed for others.	
	yes → go to 27	
	$no \longrightarrow go to 29$	
27	On 30 June 2017, how many of each type of dairy cattle were on the farm, whether they were owned by the farming business or not?	
	Count ages as at 30 June 2017.	
	dairy cows and heifers	
	in milk or in calf Number	
	2 years old and over	7101
	over 1 year but under 2 years	7102
	not in milk and not in calf but intended for milk production (for example empties)	
	2 years old and over	7103
	over 1 year but under 2 years	7104
	rising 1 year old dairy heifers and heifer calves	7184
	dairy bulls to be used for dairy breeding.	7185
	all other dairy calves (bobby calves, dairy bull calves)	7192
	TOTAL dairy cattle as at 30 June 2017 (total of question 27)	7193
28	What is / are the dairy company supply number(s) of the farming business?	
	mark here if the farming business has no dairy company supply numbers	
29	On 30 June 2017, were there any beef cattle on the farm, whether they were owned by the farming business or not?	
	 Don't count: cattle grazing off the farm on 30 June 2017; these should be counted in question 54 cattle reared for milk production; these should be counted in question 27 	
	Count all beef, including dairy beef cattle, grazing on the farm on 30 June 2017, including cattle grazed for others.	
	yes → go to 30 on page 8.	
	no \longrightarrow go to 31 on page 8.	

30	On 30 June 2017, how many of each type of beef cattle were on the farm, whether t were owned by the farming business or not?	hey	
	Count ages as at 30 June 2017.		
	beef cows and heifers in calf	Number	
	2 years old and over		7056
	over 1 year but under 2 years		7057
	beef cows and heifers not in calf		
	2 years old and over		7058
	over 1 year but under 2 years		7059
	beef heifers and heifer calves under 1 year old.		7064
	steers		
	2 years old and over		7065
	over 1 year but under 2 years		7066
	under 1 year old		7067
	non-breeding bulls		
	2 years old and over		7071
	over 1 year but under 2 years		7072
	under 1 year old		7073
	breeding bulls (all ages)		7068
			_
	TOTAL beef cattle as at 30 June 2017 (total of question 30)		7077
31	During the year ended 30 June 2017, were any lambs marked and/or tailed on the father they were owned by the farming business or not?	arm, whether	
	yes \longrightarrow go to 32 on page 9.		
	no \longrightarrow go to 33 on page 9.		

32	During the year ended 30 June 2017, how many lambs were marked and/or tailed on the farm, whether they were owned by the farming business or not?	
	Count lambs born in Spring 2016.	
	lambs born to ewes	6701
	lambs born to ewe hoggets	6700
33	On 30 June 2017, were there any sheep on the farm, whether they were owned by the farming business or not?	
	Count all sheep grazing on the farm on 30 June 2017, including sheep grazed for others.	
	Don't count sheep grazing off the farm on 30 June 2017; these should be counted in question 54.	
	yes \longrightarrow go to 34 no \longrightarrow go to 35 on page 10.	
34	On 30 June 2017, how many of each type of sheep were on the farm, whether they were owned by the farming business or not?	
	Count ages as at 30 June 2017.	
	*Lambs marked and/or tailed, and still on the farm, should be included here and in question 32.	
	ewes (2 tooth and older) Number	
	put to ram (December 2016 - June 2017)	6721
	dry - not put to ram	6722
	ewe lambs*/ewe hoggets	
	put to ram (December 2016 - June 2017)	6723
	dry - not put to ram	6724
	ram and wether lambs* and ram and wether hoggets	6738
	wethers (2 tooth and older)	6727
	rams (2 tooth and older)	6720
	TOTAL sheep as at 30 June 2017 (total of question 34)	6731

35	During the year ended 30 June 2017, were any fawns born on the farm and alive at four months, whether they were owned by the farming business or not? yes —> go to 36 no —> go to 37	
36	During the year ended 30 June 2017, how many fawns were born on the farm and alive at four months whether they were owned by the farming business or not? Number	
	fawns born on farm and alive at four months	7696
37	During the year ended 30 June 2017, was any velvet removed?	
	yes → go to 38	
	\longrightarrow go to 39	
38	During the year ended 30 June 2017, how much velvet was removed? Green weight kilograms velvet removed (all grades).	7640
39		
	farming business or not?	
	Don't count wild deer.	
	$yes \longrightarrow go to 40$	
	no \longrightarrow go to 41 on page 11.	
40	On 30 June 2017, how many of each type of farmed deer were on the farm, whether they were owned by the farming business or not?	
	Count ages as at 30 June 2017.	
	females mated since 30 June 2016 Number	
	2 years old and over	7600
	over 1 year but under 2 years	7605
	females not mated since 30 June 2016	
	2 years old and over	7610
	over 1 year but under 2 years	7615
	females under 1 year old (include fawns still on the farm)	7618
	males under 1 year old (include fawns still on the farm)	7630
	non-breeding males	
	2 years old and over	7620
	over 1 year but under 2 years	7625
	breeding males	
	2 years old and over	7645
	over 1 year but under 2 years	7648
	TOTAL farmed deer as at 30 June 2017 (total of question 40)	7600

41	During the year ended 30 June 2017, were any piglets weaned on the farm, whether they were owned by the farming business or not? yes —> go to 42 no —> go to 43	
42	During the year ended 30 June 2017, how many piglets were weaned on the farm, whether they were owned by the farming business or not?	
	piglets weaned on the farm	6955
43	On 30 June 2017, were there any pigs on the farm, whether they were owned by the farming business or not?	
	Don't count wild pigs.	
	yes → go to 44	
	$no \longrightarrow go to 45$	
44	On 30 June 2017, how many of each type of pig was on the farm, whether they were owned by the farming business or not?	
	Count ages as at 30 June 2017.	
	Number	
	breeding sows 1 year and over	6949
	mated gilts	6951
	all other pigs (include baconers, porkers, and piglets still on the farm)	6953
	TOTAL pigs as at 30 June 2017 (total of question 44)	6954
45	by the farming business or not?	
	Don't count wild poultry birds. yes → go to 46	
	$ \begin{array}{c} \text{no} \longrightarrow \text{go to} 47 \\ \text{on page 12.} \end{array} $	
46		
46	On 30 June 2017, how many of each type of poultry bird was on the farm, whether they were owned by the farming business or not?	
	Number	
	chicken hens for egg production (layers)	7715
	chicken replacement stock intended for egg production (pullets)	7717
	chickens for meat production (broilers)	7712
	chicken breeding stock	7720
	all other poultry (for example turkeys, ducks)	7722
	TOTAL poultry as at 30 June 2017 (total of question 46)	7714

47	During the year ended 30 June 2017, did the farm sell any eggs it produced?	
	Don't count fertilised eggs.	
	Count eggs sold in the shell, and pulped frozen eggs.	
	yes — go to 48	
48	no → go to 49 During the year ended 30 June 2017, how many dozens of the eggs the farm produced were sold?	
	If exact figures are not available, please give a careful estimate. Number of dozens sold	
	eggs from hens	2
	eggs from other types of poultry.	3
49	On 30 June 2017, were there any other farmed livestock on the farm, whether they were owned by the farming business or not?	
	Don't count dogs, cats, bees, worms, etc.	
	yes → go to 50	
	$no \longrightarrow go to 51$	
50	On 30 June 2017, how many of each type of other farmed livestock were on the farm, whether they were owned by the farming business or not?	
	horses (include all types of horses)	0
	goats (don't include wild goats)	8
	ostriches and emus.	5
	alpacas and Ilamas	0
	all other livestock	3
	Trease specify the main type of all other livestock.	
51	On 30 June 2017, were there any livestock grazing on the farm that were not owned by the farming business or the sharemilker?	
	Don't count: • livestock grazing on land leased to others • livestock that you own	
	yes —→ go to 52 on page 13.	
	no → go to 53 on page 13.	

52	On 30 June 2017, how many of each type of livestock were grazing on the farm that not owned by the farming business or the sharemilker?	were	
		Number	
	dairy cows and heifers 2 years old and over (include empties)		6690
	dairy cows and heifers over 1 year but under 2 years (include empties)		6692
	rising 1 year old dairy heifers		6650
	all other dairy cattle Please specify the main type (for example bulls, calves).		
	h f W -		6693
	beef cattle Please specify the main type (for example steers, calves).		
			6675
	sheep Please specify the main type (for example wethers, ewe lambs, ewes).		
			6654
	all other livestock Please specify the main type of all other livestock.		
			6671
53	On 30 June 2017, were there any livestock owned by the farming business or the sh that were not grazing on the farm?	aremilker,	
	Count livestock grazing on another farm, on privately owned land, on public land, on a plantation area.		
	yes → go to 54 on page 14.		

On 30 June 2017, how many of each type of livestock were owned by the farming business or the	
sharemilker, that were not grazing on the farm? Number	
dairy cows and heifers 2 years old and over (include empties)	6697
dairy cows and heifers over 1 year but under 2 years (include empties)	6695
rising 1 year old dairy heifers	6694
all other dairy cattle	
Please specify the main type (for example bulls, calves).	
	6696
beef cattle	
Please specify the main type (for example steers, calves).	
	6687
sheep	0007
Please specify the main type (for example wethers, ewe lambs, ewes).	
	0005
all other livestock	6685
Please specify the main type of all other livestock.	
	6691
Supplementary feed crops	
55 During the year ended 30 June 2017, were any crops for hay, silage or balage grown on the	
farm, or on land leased from others?	
Don't count:	
 crops grown on land leased to others straw or chaff 	
crops grown for forage, fodder, or green feed (these should be counted in question 58)	
Count:	
 crops grown on your land and leased from others crops grown for own use or sale 	
crops sold standing	
yes —→ go to 56	
no \longrightarrow go to 57 on page 15.	
During the year ended 30 June 2017, what was the total area of crops harvested for hay , silage or balage that were grown on the farm, or on land leased from others?	
Count multiple cuts and harvests.	
For example, if during the year the same 2 hectares of lucerne was cut and harvested 3 times, you should record 6 hectares below.	
Hectares	
pasture or lucerne (hay, silage and balage)	6410
maize silage	6409
cereal silage or cereal balage (for example wheat, barley, triticale, ryecorn)	6408
other crops silage (for example brassica silage)	6462
→Please specify the main other crops silage	

57	crops grown on the farm, or on land leased from others, and used by you or sold?	
	Don't count: • crops grown on land leased to others	
	 Count: crops grown on your land and leased from others crops intended for grain production but fed out as a fodder crop 	
	yes → go to 58	
	no → go to 59	
58	During the year ended 30 June 2017, what was the area of forage , fodder , or green feed crops grown on the farm, or on land leased from others, and used by you or sold?	
	 Don't count: early grazing of grain and seed crops crops intended for use after 30 June 2017 cover or green crops multiple cropping of the same crop. For example, if during the year the same 2 hectares were harvested twice for triticale, you should record only 2 hectares in the "other" category 	
	 Count: crops intended for grain production but fed out as a fodder crop multiple cropping for different crops. For example, if during the year the same 2 hectares were used for forage brassicas and forage maize, you should record 2 hectares of brassicas and 2 hectares of maize 	
	Hectares	
		390 391
	forage brassicas (e.g. swedes, turnips, kale)	392
		394
G	rain and seed crops	
59	During the year ended 30 June 2017, were any grain or seed crops grown on the farm, or on land leased from others?	
	 Don't count: crops grown on land leased to others hay, silage or balage (this should be counted in question 56) green feed (for example swedes; this should be counted in question 58) 	
	1 hectare is about 2.5 acres yes —> go to 60 on page 16.	
)	
	no → go to 61 on page 16.	

During the year ended 30 June 2017, v	what was the total tonn a	age harvested and	d area
harvested, for each of the following cr	ops grown on the farm on Tonn		rom others? Hectares
wheat grain for bread / milling			·
wheat grain for other uses		6307	
barley grain.		6309	
oat grain		6317	
other cereal grains (for example ryecorn).		6315	
maize grain (don't include sweet corn)		6327	
peas, seed / field (don't include process pe		6321	
other pulses (for example lentils, dry beans		6319	
seed, soybeans)		6343	
herbage seeds (include all other certified a harvested for seed production)			
vegetable seeds (for example radish, brass	sicas)		•
all other grain and seed crops (for example - please specify			
If extra lines are required, mark here	and attach a separate she	et.	Hectares
			•
orticulture			
During the year ended 30 June 2017, v farm?	were any commercial ho	orticultural crops	grown on the
For example vegetables, fruit, nuts, nurser	ry crops, flowers.		
yes → go to 62			
no \longrightarrow go to $\overline{78}$ on page 21.			
On 30 June 2017, were any commercial farm?	al fruit, nut, and other	edible tree crops	growing on the
For example kiwifruit, grapes, apples, pead	ches, blackcurrants, walnu	ts, olives.	
yes —→ go to 63			
no go to 69 on page 18.			
On 30 June 2017, were any kiwifruit o	growing on the farm?		
yes → go to 64 on page 17. no → go to 65 on page 17.	Don't count:kiwifruit grown on landkiwifruit grown for own		
	Count: • kiwifruit grown on the • kiwifruit managed by o	farm, and on land le	ased from others

64	On 30 June 2017, what was the cano	py area of kiwifruit growing on the farm?	
		Hectares	
	kiwifruit - green (all varieties)	······	8551
	kiwifruit - gold (all varieties)		8552
	kiwifruit - other (including kiwiberries)	<u> </u>	8553
	TOTAL kiwifruit (total of question 64)	······································	8555
	KPIN number(s)		
65	On 30 June 2017, were any grapes g	rowing on the farm?	
	yes → go to 66	Don't count: • grapes grown on land leased to others	
	no → go to 67	grapes grown for own use.	
		Count grapes grown on the farm, and on land leased from others.	
66	On 30 June 2017, what was the plante	ed area of grapes growing on the farm?	
		Hectares	
	wine grapes	· · · · · · · · · · · · · · · · · · ·	8600
	table grapes		8605
67		t, nut, or edible tree crops growing outdoors on the farm?	
	yes → go to 68 on page 18.	Don't count:fruit grown on land, vines and trees that are owned by the	
	no → go to 69 on page 18.	farming business, but are leased to others • the area in berms, tracks, headlands and shelter belts • crops grown for own use	
		Count fruit grown on the farm and on land leased from others.	

On 30 June 2017, what was crops growing outdoors on		of a	ny other fruit, nut, and other edib	le tree	
If exact figures are not available	e, please give a car	reful e	estimate.		
1 hectare is about 2.5 acres.					
a. pip fruit	Hectares		e. citrus	Hectares	
apples	•	8500	oranges	•	8665
pears		8510	grapefruit / goldfruit		8670
nashi (asian) pears		8515	lemons	•	8675
b. summerfruit	Hectares		mandarins	•	8685
peaches		8525	tangelos	•	8690
apricots		8530	f. olives	Hectares	
nectarines		8535	olives (include only olives for		0700
cherries		8540	fruit and oil)g. nuts	Hectares	8700
plums		8545	chestnuts	•	
c. subtropical fruit	Hectares		hazelnuts		8720
avocados	•	8570			8735
feijoas		8575	macadamia		8725
tamarillos		8580	walnuts		8730
passionfruit		8585	 h. other fruit, nut and edible tree outdoors - please specify 	e crops grown	
persimmons		8590			
d. berry fruit	Hectares	Q 550	Hectares		•
blackcurrants		8620			
blueberries		8625	Hectares		•
boysenberries		8630			
raspberries			Hectares		•
		8645	If extra lines are required, mark	here and	
strawberries	lune 2017, were a	8655	attach a separate sheet. ommercial outdoor crops of veg	otables or	8885
cooking herbs grown on the		arry C	ommercial dutudor crops of veg i	etables of	
yes → go to 70 on page 19. Don't count: • vegetables harvested from land leased to, or used by, others (including for part of the year only) • vegetables harvested from your land by others under a share farming arrangement • fodder crops (count these in Q58) • crops grown for seed (count these in Q60) • crops harvested from glasshouses, shadehouses, mushroom tunnels/houses, etc (count these in Q75) Count:					
 vegetables harvested by you, or for you, from your land (this should include all land leased or used by you whether for the whole or part of the year) vegetables harvested by yourself under a share farming arrangement 					

70 During the year ended 30 J or cooking herbs grown on		as the area harvested of o	utdoor vegetable crops		
Two crops harvested from the same ground should be counted twice (eg 2 crops of lettuce harvested from the same 2 hectares, is 4 hectares).					
1 hectare is about 2.5 acres.					
	Hectares		Hectares		
asparagus	•	9005 onions	9120		
broccoli	•	9025 peas (include fresh and			
cabbage	•	peas)			
carrots	•	9045			
cauliflower	•	potatoes			
cooking herbs		pumpkin			
green beans		9015 sweet corn	9175		
kumara	•	9085 (don't include maize, this	should be in Q60)		
lettuce (outdoor)	•	tomatoes (outdoor - incluand process tomatoes)			
melon water / rock	•	9115 leafy vegetables (eg spir silverbeet, bok choy, etc.)			
other vegetables or herbs (outdoor	r) - please specify				
If extra lines are required, mark he	re and attach	a separate sheet.	Hectares		
			• <u> </u>		
			•		
			9303		
71 During the year ended 30 J vegetables and cooking her		as the total area used for g	rowing outdoor		
Count:					
the total area used to produ (include each cropped area		ops recorded in question 70			
the area of any vegetable ci		narvested	Hectares		
Total outdoor area used for g	rowing vegetables a	and cooking herbs, whether	i iectal es		
harvested or not		-	• 6580		
72 During the year ended 30 June farm that have not been presented.			or crops grown on the		
For example flowers, bulbs, nu Nursery crops started indoors question 77.			here and in		
Don't count:fodder crops or sphagnumcrops grown indoors only		included in questions 75 or 77			
yes → go to 73 on	page 20.				
$no \longrightarrow go to 74 on p$	_				

73	During the year ended 30 June 2017, what was the total area used for each of the following other commercial outdoor crops?	
	Hectares	
	flower bulb, corm and tuber crops grown mainly for sale as bulbs, corms and tubers (outdoor)	9521
	flowers and foliage grown for cut flower and foliage production (outdoor)	9424
	nursery crops (include rootstock) (outdoor)	9550
	Nursery crops started indoors and later transferred outdoors should be included here and in question 77.	
	hops	6609
	all other outdoor horticultural crops not previously specified	9593
	TOTAL other outdoor horticultural crops (total of question 73)	9595
74	During the year ended 30 June 2017, were any commercial vegetables or cooking herbs grown indoors on the farm?	
	 Count: harvests from containers and trays harvests from each level of multi layered shelving units harvests from glasshouses, shadehouses, mushroom tunnels/houses 	
	yes → go to 75	
	no —→ go to 76	
75	 vegetables or cooking herbs grown indoors on the farm? Count: harvested area from containers and trays harvested area from each level of multi layered shelving units harvested area from glasshouses, shadehouses, mushroom tunnels/houses 1 hectare = 	
	Multiple harvests of a crop in the same area should be counted once (eg 6 crops of mushrooms harvested from the same 100 square metres, is 100 square metres)	
	Square metres	S
	capsicum (indoor)	9752
	cucumber (indoor)	9753
	cooking herbs (indoor)	9758
	lettuce/salad greens (indoor)	9754
	mushrooms (indoor - square metres cased)	9755
	tomatoes (indoor)	9757
	all other vegetables and herbs grown indoors	9761
76	During the year ended 30 June 2017, were any other indoor crops grown commercially on the farm that have not been previously specified?	
	Count glasshouses, shadehouses, mushroom tunnels/houses, etc.	
	yes → go to 77 on page 21.	
	no \longrightarrow go to 78 on page 21.	

77	During the year ended 30 June 2017, what was the total area used for each of the following other commercial indoor crops?				
		Square	e metres		
	flower bulb, corm and tuber crops grown mainly for sale as bulbs, corms and tubers (indoor)				9925
	flowers and foliage grown for cut flower and foliage production (indoor)				9817
	nursery crops (indoor)				9945
	Nursery crops started indoors and later transferred outdoors should be included here and in question 73.				
	all other indoor horticultural crops not previously specified				9985
	TOTAL other indoor horticultural crops (total of question 77)				9999
Fa	arm practices				
70	During the year ended 30 June 2017, was any part of the farm actually irrigated Don't include: • effluent sprayed on the farm - this should be included in question 89 • frost fighting systems unless also used for irrigation yes → go to 79 no → go to 82 on page 22.	u ?			
79	During the year ended 30 June 2017, how many hectares of the farm were actually irrigated		rigated? lectares	•	5506
80	During the year ended 30 June 2017, what area of the farm was actually irrigat each of the following systems?	t ed usii	ng		
	Note: Include irrigated corners of paddocks that centre pivots can't cover	Н	lectares		
	micro systems (predominantly used for indoor and outdoor horticulture, eg micro sprinklers, drip, underground emitters)			•	5521
	flood systems (eg wild flood, border strip, etc)			•	5511
	centre pivots and linear moves (include area covered by end guns)			•	5517
	all other travelling and sprayline systems not otherwise covered (eg guns, fixed and rotary booms, pods, long laterals, K-line, side roll, hand shift pipe, solid set - fixed grid)			•	5518

81	During the year ended 30 June 2017, of the hectares of the farm that were actual irrigated , how many applied to each of the following land use categories?	ly	
	Note: These hectares may exceed those in Q79 due to multiple use of the same area.	Hectares	
	area irrigated for dairy farming or dairy grazing		5550
	area irrigated for other livestock (eg beef cattle, sheep, deer, etc)		5551
	area irrigated for grain/seed/arable crops (don't include process vegetables)		5552
	area irrigated for vegetable crops (outdoor - include process vegetables)	•	5553
	area irrigated for fruit crops (outdoor)		5554
	area irrigated for other hort. crops (indoor and outdoor - eg flowers, nursery crops)	<u> </u>	5555
82	During the year ended 30 June 2017, was any fertiliser applied to the farm?		
	 Don't count: liquid fertiliser eg nitrosol organic fertilisers eg chicken manure, sheep manure fertiliser applied to plants in containers effluent - this should be included in question 89 fertilisers applied by short-term lessee. 		
	$no \longrightarrow go to 86 on page 23.$		
83	During the year ended 30 June 2017, how many tonnes of each type of fertiliser were applied to the farm? Note: If possible, please copy details from your 2016 - 2017 summary of fertiliser purchases (for example, as used for rebate purposes)	Tonnes	
	urease inhibitor coated urea (for example SustaiN, N-Protect)		5608
	urea (do not include urease inhibitor coated urea)	•	5609
	diammonium phosphate (DAP)		5601
	ammonium sulphate (SOA)	·	5602
	superphosphate	·	5603
	potassium chloride (muriate of potash) and/or potassium sulphate		5607
	dolomite (from all sources)		5655
	lime (from all sources, do not include dolomite)		5645
	all other fertilisers not specified above (do not include liquid and organic fertilisers)		5755

84	Do you have information readily available on how many tonnes of nitrogen (N), phosphorus (Figure 1) potassium (K), and sulphur (S), were applied to the farm during the year ended 30 June 2017?	, .	
	If you have a summary of fertiliser purchases notice, fertiliser rebate notice or nutrient budget software such as Overseer then please mark 'yes'. If calculation, or a phone call to your fertiliser supplier, is necessary to provide this information then please mark 'no'.		
	yes → go to 85		
	$no \longrightarrow go to 86$		
85	During the year ended 30 June 2017, how many tonnes of nitrogen (N), phosphorus (P), potassium (K), and sulphur (S), were applied to the farm? Note: If possible, please copy details from your 2016 - 2017 summary of fertiliser purchases (for example, as used for rebate purposes) 1 tonne = 1,0 kilograms Tonnes	00	
	total Nitrogen (N)	•	5750
	total Phosphorus (P)		5751
	total Potassium (K)		5752
	total Sulphur (S)	•	5753
86	During the year ended 30 June 2017, did the farm use any effluent management systems?		
	yes → go to 87		
	no \longrightarrow go to 90 on page 24.		
87	During the year ended 30 June 2017, what was the main type of effluent management system that was used on the farm? Please mark one only.	า	
	multiple pond system (with anaerobic and aerobic ponds which discharge)	5900	
	multiple pond system (with anaerobic and aerobic ponds which occasionally discharge and use land application the rest of the time)	5901	
	single storage ponds/tanks (with sufficient storage to irrigate when suitable - no solid separation system)	E002	
	single storage ponds/tanks (which include a solid separation and storage system)	5902 5903	
	sump storage (storage for <i>at least 1-2 days</i> prior to irrigation)	5904	
	other effluent management system - please specify	5905	
	L ₊		
88	During the year ended 30 June 2017, was any effluent spread on the farm?		
	yes → go to 89		
	no \longrightarrow go to 90 on page 24.		
89	During the year ended 30 June 2017, over what area of the farm was effluent spread?		
	Count each area only once.		
	effluent. Hectares	•	5660

90		
	Mark all that apply. Which formal farm nutrient planning documents are used by the farm?	
	Note: a Nutrient Budget is not a Nutrient Management Plan.	
	NB (Nutrient Budget which documents all farm nutrients and inputs)	5683
	GAP (Good Agricultural Practice used in the horticulture industries etc)	5684
	NMP (Nutrient Management Plan which expands on a NB by identifying actions to minimise	300 ⁴
	loss of nutrients from farm production)	5685
	other farm nutrient planning document. Please state:	5686
	L>	
	no formal farm nutrient planning documents	5687
91	During the year ended 30 June 2017, was there any controlled burning of vegetation on the farm?	
	Don't count: • burning on land leased to others	
	 areas less than 0.5 hectare burning of felled trees 	
	Count huming on land leased from others	
	Count burning on land leased from others.	
	yes → go to 92	
	$no \longrightarrow go to 93$	
00	During the year anded 20, lune 2017, what was the total area of variation burned for each	
92	During the year ended 30 June 2017, what was the total area of vegetation burned for each of the following?	
	If exact figures are not available, please give a careful estimate.	
	Hectares	
	crop residue from wheat, barley, oats and other cereal grains	5120
	other crop residue	5125
	tussock (including over-sown tussock)	
		5105
	other standing vegetation	5115
	ultivation and direct drilling	
93	During the year ended 30 June 2017, was any land on the farm cultivated or direct drilled for any purpose , including pasture renewal, arable crops, fodder crops, vegetable and horticultural crops?	
	any purpose, including pasture renewal, arable crops, fodder crops, vegetable and horticultural	
	 any purpose, including pasture renewal, arable crops, fodder crops, vegetable and horticultural crops? Don't count: subsoiling (unless cultivated afterwards) 	
	 any purpose, including pasture renewal, arable crops, fodder crops, vegetable and horticultural crops? Don't count: subsoiling (unless cultivated afterwards) cultivation of land leased to others Count: soil tillage direct drilling of seed 	

94	During the year ended 30 June 2017, what was the total area of land on the farm cultivated or direct drilled for any purpose , including pasture renewal, arable crops, fodder crops, vegetable and horticultural crops?	
	Note:	
	 Count each area cultivated only once. For example, if during the year the same 2 hectares of land were cultivated 3 times you should record 2 hectares below. Count each area direct drilled only once. 	
	If the same area was both cultivated and direct drilled it should be included in both categories.	
	· · · · · · · · · · · · · · · · · · ·	
	Hectares	
	full cultivation - substantial soil disturbance with full inversion, deep, or frequent tillage operations during the year eg ploughing	5020
	reduced cultivation - primary and/or secondary tillage with reduced soil disturbance (usually shallow tillage and without full soil inversion)	5025
	land area direct drilled.	5010
Pa	asture renewal	
95	During the year ended 30 June 2017, was any land on the farm cultivated or direct drilled for pasture renewal?	
	 Don't count: pasture renewal of land leased to others area sown in temporary pasture to rest land between arable crops pasture renewed by over-sowing only 	
	 Count: pasture renewal after cultivation or cropping pasture renewal of land leased from others 	
	yes \longrightarrow go to 96 no \longrightarrow go to 97 on page 26.	
96	During the year ended 30 June 2017, what was the total area of land on the farm cultivated or direct drilled for pasture renewal?	
	Area recorded here should also be included in question 94.	
	Hectares	
	area cultivated for pasture renewal	5035
	area direct drilled for pasture renewal	5040

97	Please provide any comments that would help to clar	ify the in	formation y	ou have given.		
				A		
98	How long did it take you to read the instructions, colle	ct		·		
	the information, and complete this questionnaire?			hrs	mins	0006
99	Who should we contact if we have any questions about	ut the inf	ormation v	ou have given?		
	Please correct any errors and provide details in the w	nite boxe	es below éa	ach item.		
	First Name	•				
	-					
	Family Name					
	-					
	Position					
	-					
	Email					
	>					
	Phone	\rightarrow				
	Other phone	→				
	I declare that this questionnaire has been completed to the	best of n	ny knowledg	e.		
	Signature	Date				
			Day	Month	Year	

Protecting your privacy and confidentiality

100 This census is collected by Stats NZ and is fully funded by the Ministry for Primary Industries (MPI). Your privacy is important to us. Stats NZ and MPI recognise the value of your information, and we are committed to keeping it secure and confidential.

The data we collect is used for research or statistical purposes to inform good decision-making by government, business, and all New Zealanders.

MPI uses information from the Agricultural Production Census primarily to calculate agricultural production, to guide policy, and to enable government to assess changes in the agriculture sector. If you object to the information you have given in the Agricultural Production Census 2016/2017 being passed on to MPI, you need to state this in writing. Either use the space in question 97, or attach a separate letter, and your information will not be shared with MPI.

Stats NZ sometimes combines census data with other data to increase value to decision-makers and researchers. Access to combined data is strictly controlled, and the names and addresses of individuals, households or businesses are removed. Research findings are confidentialised, so individuals or businesses cannot be identified.



Ministry for Primary Industries Manatū Ahu Matua

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The main results of our surveys are available at www.stats.govt.nz.

Thank you for your time and effort.

