Statistics New Zealand
TATAURANGA AOTEAROA

Agricultural Production Census
Including Livestock, Horticulture and Forestry
From 1 July 2011 to 30 June 2012

For help and information:

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Are the postal address details above correct? If not, use the boxes below to correct any errors.

Legal name / Addressee

Street / Road / P O Box

Rural delivery   Suburb / District

R D   or

City / Town   Postcode

Please complete, sign and return this questionnaire in the envelope supplied, within **14 days** of receiving it.

Purpose of this census

Summarised statistics are released to farming and other industry organisations, government, researchers and other users in the community. The private sector uses agricultural statistics in the planning of future processing requirements, transportation and other agricultural infrastructure issues. Government agencies use agricultural statistics in the compilation of the national accounts, international reporting, trade negotiations and in the investigation of current agricultural concerns.

Compulsory requirement

The taking of this census has been approved by the Minister of Statistics and the return of this questionnaire, duly filled in and signed, is a compulsory requirement under the Statistics Act 1975.

Confidentiality of information supplied

Only people authorised by the Statistics Act 1975 are allowed to see your individual information, and they must use it only for statistical purposes. Your information will be combined with similar information to prepare summary statistics.

This is a joint census undertaken with the Ministry for Primary Industries (MPI). For detailed confidentiality information, read page 24.

As Government Statistician I thank you for completing this census. Your information contributes to statistics available for business decision-making. To find out how Statistics New Zealand can help your business grow, contact our information centre on 0508 525 525

Geoff Bascand
Government Statistician

Agricultural Production Census

1 Please read this first.

- This questionnaire will be scanned by electronic equipment.

  - use a blue or black pen to mark your answers like this ⚊. If you make a mistake, do this ✖.

  - print answers in CAPITAL letters and keep each letter or number within the spaces provided

  - for example G R A I N   G R O W I N G   or   1 4 2 9 • 0   Hectares

- If exact figures are not available, please give a careful estimate.

- 1 hectare is about 2.5 acres.

- Leave question and answer boxes blank where there is no response.

- If you have any comments that will help us interpret your answers, record them in question **97**.

- Please keep a record of the time it takes you to complete this questionnaire. You are asked to record this at the end of the questionnaire.
  Include:
  - the time spent reading the instructions, working on the questions and obtaining information
  - the time spent by all employees in collecting and providing this information.

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.**

- If you have received more than one questionnaire for the same farm, fill out only one questionnaire. Write 'SURPLUS' on the other questionnaire(s) and mail all questionnaires back together in the same envelope.

3 Are you a sharemilker?

⬭ yes ⟶ go to **4**

⬭ no ⟶ go to **7** on page 3.

4 Give contact details of the person or business who owns or leases the land that you sharemilk on.

Name

Road

Locality

Phone   Mobile phone

5 What is / are the dairy company supply number(s) of the farm you sharemilk on?

6 In addition to the farm you sharemilk on, did your farming business own, lease or use any other land for agricultural activities during the year ended 30 June 2012?

⬭ yes ⟶ complete this questionnaire for the farm **your** farming business owns, leases or uses.

⬭ no ⟶ go to **97** on page 23. You do not need to fill in a questionnaire for the farm you sharemilk on.

Location and land details

7 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**.

Legal name

→

Trading or station name

→

RAPID or road number & road name

RAPID or road number →

Road name →

Locality →

Nearest town or city →

8 On 30 June 2012 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**

Count:
- run-offs, and **all** other land that is part of the farm
- land you **lease from** others

1 hectare is about 2.5 acres

Total land area as at 30 June 2012 → Hectares

9 Has the **entire** farm been sold, gifted or leased to others?

○ yes ⟶ go to **10**

○ no ⟶ go to **14**

10 What happened to the farm?

○ leased to others ⟶ lease end date [ ][ ] [ ][ ][ ][ ] OR ongoing lease ○

month   year

○ sold or gifted

11 Does the business that previously operated the farm still operate?

○ yes ⟶ go to **12**

○ no ⟶ go to **97** on page 23.

12 Mark all that apply.
What does this business do now?

○ it operates another farm or farms - please ensure a questionnaire is completed for each farm

○ it leases a farm or farms to others

○ it is involved in another activity
Please specify the main activity, for example accountancy, landscaping, etc.

↳ [ ]

13 If you have sold, gifted or leased the farm described in question **7** , and you are not completing this questionnaire for a new farm, mark here ○ then go to **97** on page 23.

14 During the year ended 30 June 2012, was any new land purchased or leased from others?

○ yes ⟶ go to **15**

○ no ⟶ go to **19** on page 5.

15 What was the total area of land you purchased or started leasing from others in the year ended 30 June 2012?

[ ][ ][ ][ ][ ].[ ] Hectares

16 Did you purchase, or start leasing from others, **all** of the farm part way through the year ended 30 June 2012?

○ yes ⟶ go to **17**

○ no ⟶ go to **19** on page 5.

17 On what date did you purchase or start leasing land from others in the year ended 30 June 2012?

date you purchased or started leasing land from others in the year ended 30 June 2012 . . . . [ ][ ] [ ][ ][ ][ ]

month   year

18 Please provide careful estimates for the full year's activity on this new farm, if possible.
The amounts given in this questionnaire are:

○ for the full year's activity on this new farm (1 July 2011 - 30 June 2012).

○ for part of the year's activity on this new farm.

19 During the year ended 30 June 2012, 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

	%
	%
	%

Land use

20 On 30 June 2012, how was the **total** land area of the farm made up?

Don't count land **leased to** others or used by others.

1 hectare is about 2.5 acres

Count:
- run-offs, and all other land that is part of the farm
- land **leased from** others

Hectares

grassland 6002

tussock and danthonia used for grazing (whether over-sown or not) 6003

grain, seed, fodder crop and winter feed land, and land prepared for these crops. 6012

horticultural land and land prepared for horticulture (include covered production areas and vegetable land) 6007

plantations of exotic trees intended for harvest 6009

harvested exotic forest area awaiting restocking. 6019

mature native bush. 6015

native scrub and regenerating native bush 6016

all other land (for example houses, domestic gardens, farm buildings, conservation plantings, shelter belts, river beds, wetlands, tracks, gorse) . . . 6018

TOTAL land area of the farm as at 30 June 2012 6013

This total should be the same as given in Question **8** on page 3.

Forestry

21 During the year ended **31 March 2012**, was there any exotic forest planted, replanted, or harvested on the farm?

Don't count:
- shelter belts
- native forest

( ) yes ⟶ go to **22**

( ) no ⟶ go to **23**

1 hectare is about 2.5 acres

22 During the year ended **31 March 2012**, what was the area of exotic forest planted, replanted, or harvested on the farm?

Hectares

new area planted during the year ended 31 March 2012 (don't include areas previously planted in exotic production forest). . . . . ☐☐☐☐☐☐ • ☐ 6050

areas replanted that were previously planted in exotic trees (for example areas replanted following clearfelling or salvage logging) . . . . ☐☐☐☐☐☐ • ☐ 6051

Cubic metres   Hectares

exotic timber harvested (for example areas that have been clearfelled or salvage logged) ☐☐☐☐☐☐☐ 6052   ☐☐☐☐☐☐ • ☐ 6053

Livestock including poultry

23 During the year ended 30 June 2012, were there any **livestock** on the farm, whether they were owned by the farming business or not?

For example dairy cattle, beef cattle, sheep, pigs, deer, poultry, horses, ostriches, alpacas.

( ) yes ⟶ go to **24**

( ) no ⟶ go to **55** on page 13.

24 During the year ended 30 June 2012, were any dairy or beef cattle **calves** born alive on the farm, whether they were owned by the farming business or not?

( ) yes ⟶ go to **25**

( ) no ⟶ go to **26** on page 7.

25 During the year ended 30 June 2012, how many dairy or beef cattle **calves** were born alive on the farm, whether they were owned by the farming business or not?

Number

calves born to **dairy** heifers or cows . . . . ☐☐☐☐☐ 7190

calves born to **beef** heifers or cows. . . . . ☐☐☐☐☐ 7074

26 On 30 June 2012, 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 2012; 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 2012, including dairy cattle grazed for others.

⬭ yes ⟶ go to **27**

⬭ no ⟶ go to **29**

27 On 30 June 2012, 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 2012.

dairy cows and heifers

	Number	
in milk or in calf		
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 2012 (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 2012, 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 2012; 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 2012, including cattle grazed for others.

⬭ yes ⟶ go to **30** on page 8.

⬭ no ⟶ go to **31** on page 8.

30 On 30 June 2012, how many of each type of **beef cattle** were on the farm, whether they were owned by the farming business or not?

Count ages as at 30 June 2012.

	Number	
beef cows and heifers in calf		
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 2012 (total of question 30)		7077

31 During the year ended 30 June 2012, were any **lambs** marked and/or tailed on the farm, whether they were owned by the farming business or not?

◯ yes ⟶ go to **32**

◯ no ⟶ go to **33**

32 During the year ended 30 June 2012, 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 2011.

	Number	
lambs born to ewes		6701
lambs born to ewe hoggets		6700

33 On 30 June 2012, were there any **sheep** on the farm, whether they were owned by the farming business or not?

Don't count sheep **grazing off** the farm on 30 June 2012; these should be counted in question 54.

Count all sheep **grazing on** the farm on 30 June 2012, including sheep grazed for others.

◯ yes ⟶ go to **34** on page 9.

◯ no ⟶ go to **35** on page 9.

34 On 30 June 2012, 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 2012.

ewes (2 tooth and older)   Number

    put to ram (December 2011 - May 2012)... 6721

    dry - not put to ram.. 6722

ewe lambs and ewe hoggets

    put to ram (December 2011 - May 2012)............. 6723

Lambs marked and/or tailed, and still on the farm, should be included here and in question 32.

    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 2012 (total of question 34).................................. 6731

35 During the year ended 30 June 2012, 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 2012, 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 2012, was any **velvet** removed?

    ⬭ yes ⟶ go to **38**

    ⬭ no ⟶ go to **39**

38 During the year ended 30 June 2012, how much **velvet** was removed?

    Green weight kilograms

velvet removed (all grades).. • 0 7640

39 On 30 June 2012, were there any **farmed deer** on the farm, whether they were owned by the farming business or not?

Don't count wild deer.

    ⬭ yes ⟶ go to **40** on page 10.

    ⬭ no ⟶ go to **41** on page 10.

40 On 30 June 2012, 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 2012.

females mated since 30 June 2011 | Number
| |

2 years old and over .... | | 7600

over 1 year but under 2 years .... | | 7605

females **not** mated since 30 June 2011

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 2012 (total of question 40) .... | | 7699

41 During the year ended 30 June 2012, 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 2012, how many **piglets** were weaned on the farm, whether they were owned by the farming business or not?

Number

piglets weaned on the farm .... | | 6955

43 On 30 June 2012, 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 ⟶ go to **45** on page 11.

44 On 30 June 2012, 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 2012.

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 2012 (total of question 44) .... | | 6954

45 On 30 June 2012, were there more than **25 poultry birds** on the farm, whether they were owned by the farming business or not?

Don't count wild poultry birds.

⚪ yes ⟶ go to **46**

⚪ no ⟶ go to **47**

46 On 30 June 2012, 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 2012 (total of question 46)......................... 7714

47 During the year ended 30 June 2012, 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**

⚪ no ⟶ go to **49**

48 During the year ended 30 June 2012, 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 7752

eggs from other types of poultry... 7753

49 On 30 June 2012, 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 ⟶ go to **51** on page 12.

50 On 30 June 2012, how many of each type of **other farmed livestock** were on the farm, whether they were owned by the farming business or not?

Number

horses (include all types of horses)... 7810

goats (don't include wild goats) 6848

ostriches and emus... 8075

alpacas and llamas... 8060

all other livestock 8093
Please specify the main type of all other livestock.

51 On 30 June 2012, 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**

◯ no ⟶ go to **53**

52 On 30 June 2012, how many of each type of livestock were **grazing** on the farm that were **not owned** by the farming business or the sharemilker?

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).

. . . . 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 2012, were there any livestock owned by the farming business or the sharemilker, that **were not grazing** on the farm?

Count livestock grazing on another farm, on privately owned land, on public land, on a plantation area.

◯ yes ⟶ go to **54** on page 13.

◯ no ⟶ go to **55** on page 13.

54 On 30 June 2012, 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
Please specify the **main** type (for example wethers, ewe lambs, ewes).

. . . . 6685

all other livestock
Please specify the **main** type of all other livestock.

. . . . 6691

Supplementary feed crops

55 During the year ended 30 June 2012, 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 land **leased from** others
- crops grown for own use or sale
- crops sold standing

○ yes ⟶ go to **56** on page 14.

○ no ⟶ go to **57** on page 14.

56 During the year ended 30 June 2012, 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 During the year ended 30 June 2012, were any **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:
• crops grown on land **leased to** others

Count**:**
• crops grown on your land and land **leased from** others
• crops intended for grain production but fed out as a fodder crop

◯ yes ⟶ go to **58**

◯ no ⟶ go to **59** on page 15.

58 During the year ended 30 June 2012, 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 2012
•   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

lucerne... ⬚⬚⬚⬚⬚•⬚ 6390

maize green feed .... ⬚⬚⬚⬚⬚•⬚ 6391

forage brassicas (e.g. swedes, turnips, kale) .... ⬚⬚⬚⬚⬚•⬚ 6392

other (e.g. oats, chicory grown as an annual crop)..................................... ⬚⬚⬚⬚⬚•⬚ 6394

Grain and seed crops

59 During the year ended 30 June 2012, 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)

⬭ yes ⟶ go to **60**

⬭ no ⟶ go to **61**

> 1 hectare is about 2.5 acres

60 During the year ended 30 June 2012, what was the total **tonnage harvested and area harvested**, for each of the following crops grown on the farm or on land leased from others?

	Tonnes	Hectares
wheat grain for bread / milling	6307	6345
wheat grain for other uses	6309	6346
barley grain..	6317	6347
oat grain..	6315	6348
other cereal grains (for example ryecorn)	6327	6349
maize grain (don't include sweet corn)	6321	6350
peas, seed / field (don't include process peas; these should be in **70**)..	6319	6351
other pulses (for example lentils, dry beans, lupin seed, soybeans)..	6343	6352
herbage seeds (include all other certified and uncertified grasses and clovers harvested for seed production)................................		6353
vegetable seeds (for example radish, brassicas)..		6356

all other grain and seed crops (for example phacelia, linseed, canola/rapeseed, borage) - please specify

If extra lines are required, mark here ⬭ *and attach a separate sheet.*

	Hectares
	6357

Horticulture

61 During the year ended 30 June 2012, were any commercial **horticultural crops** grown on the farm?

For example vegetables, fruit, nuts, nursery crops, flowers.

⬭ yes ⟶ go to **62** on page 16.

⬭ no ⟶ go to **78** on page 19.

62 On 30 June 2012, were any commercial **fruit, nut, and other edible tree crops** growing on the farm?

For example kiwifruit, grapes, apples, peaches, blackcurrants, walnuts, olives.

◯ yes ⟶ **go to** **63**

◯ no ⟶ **go to** **69** on page 17.

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63 On 30 June 2012, were any **kiwifruit** growing on the farm?

◯ yes ⟶ **go to** **64**

◯ no ⟶ **go to** **65**

Don't count:
• kiwifruit grown on land **leased to** others
• kiwifruit grown for own use.

Count:
• kiwifruit grown on the farm, and on land **leased from** others
• kiwifruit managed by others.

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64 On 30 June 2012, what was the **canopy** area of **kiwifruit** growing on the farm?

Hectares

kiwifruit - green (all varieties).. ▢▢▢▢▢ • ▢ 8551

kiwifruit - gold (all varieties).. ▢▢▢▢▢ • ▢ 8552

kiwifruit - other (including kiwiberries).. ▢▢▢▢▢ • ▢ 8553

TOTAL kiwifruit (total of question 64)... ▢▢▢▢▢ • ▢ 8555

KPIN number(s)... ▢▢▢▢▢
▢▢▢▢▢
▢▢▢▢▢

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65 On 30 June 2012, were any **grapes** growing on the farm?

◯ yes ⟶ **go to** **66**

◯ no ⟶ **go to** **67**

Don't count:
• grapes grown on land **leased to** others
• grapes grown for own use.

Count grapes grown on the farm, and on land **leased from** others.

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66 On 30 June 2012, what was the planted area of **grapes** growing on the farm?

Hectares

wine grapes .... ▢▢▢▢ • ▢ 8600

table grapes .... ▢▢▢▢ • ▢ 8605

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67 On 30 June 2012, were any **other** fruit, nut, or edible tree crops growing **outdoors** on the farm?

◯ yes ⟶ **go to** **68** on page 17.

◯ no ⟶ **go to** **69** on page 17.

Don't count:
• fruit grown on land, vines and trees that are owned by the 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.

68 On 30 June 2012, what was the planted area of any **other** fruit, nut, and other edible tree crops growing **outdoors** on the farm?

If exact figures are not available, please give a careful estimate.

1 hectare is about 2.5 acres.

a. pip fruit   Hectares

apples . . . . [ ][ ][ ][ ] • [ ] 8500

pears. . . . . [ ][ ][ ][ ] • [ ] 8510

nashi (asian) pears . . . . [ ][ ][ ][ ] • [ ] 8515

b. summerfruit   Hectares

peaches . . . . [ ][ ][ ][ ] • [ ] 8525

apricots. . . . . [ ][ ][ ][ ] • [ ] 8530

nectarines . . . . [ ][ ][ ][ ] • [ ] 8535

cherries. . . . . [ ][ ][ ][ ] • [ ] 8540

plums . . . . [ ][ ][ ][ ] • [ ] 8545

c. subtropical fruit   Hectares

avocados . . . . [ ][ ][ ][ ] • [ ] 8570

feijoas. . . . . [ ][ ][ ][ ] • [ ] 8575

tamarillos . . . . [ ][ ][ ][ ] • [ ] 8580

passionfruit. [ ][ ][ ][ ] • [ ] 8585

persimmons . . . . [ ][ ][ ][ ] • [ ] 8590

d. berry fruit   Hectares

blackcurrants. . . . . [ ][ ][ ][ ] • [ ] 8620

blueberries . . . . [ ][ ][ ][ ] • [ ] 8625

boysenberries. . . . . [ ][ ][ ][ ] • [ ] 8630

raspberries . . . . [ ][ ][ ][ ] • [ ] 8645

strawberries. . . . . [ ][ ][ ][ ] • [ ] 8655

e. citrus   Hectares

oranges. . . . . [ ][ ][ ][ ] • [ ] 8665

grapefruit / goldfruit . . . . [ ][ ][ ][ ] • [ ] 8670

lemons. . . . . [ ][ ][ ][ ] • [ ] 8675

mandarins . . . . [ ][ ][ ][ ] • [ ] 8685

tangelos . . . . [ ][ ][ ][ ] • [ ] 8690

f. olives   Hectares

olives (include only olives for
fruit and oil). . . . . [ ][ ][ ][ ] • [ ] 8700

g. nuts   Hectares

chestnuts . . . . [ ][ ][ ][ ] • [ ] 8720

hazelnuts . . . . [ ][ ][ ][ ] • [ ] 8735

macadamia . . . . [ ][ ][ ][ ] • [ ] 8725

walnuts . . . . [ ][ ][ ][ ] • [ ] 8730

h. other fruit, nut and edible tree crops grown outdoors - please specify

[ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

Hectares [ ][ ][ ][ ] • [ ]

[ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

Hectares [ ][ ][ ][ ] • [ ]

[ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

Hectares [ ][ ][ ][ ] • [ ]

If extra lines are required, mark here ⬭ *and attach a separate sheet.* 8885

69 During the year ended 30 June 2012, were any commercial **outdoor** crops of **vegetables** or **cooking herbs** grown on the farm?

⬭ yes ⟶ **go to 70** on page 18.

⬭ no ⟶ **go to 72** on page 18.

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 June 2012, what was the area **harvested** of **outdoor** vegetable crops or cooking herbs grown on the farm?

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 process peas).		9130
cabbage		9035	(don't include seed / field peas, these should be in Q60)		
carrots		9045			
cauliflower		9050	potatoes		9135
cooking herbs		9200	pumpkin		9140
			squash (buttercup)		9170
green beans		9015			
kumara		9085	sweet corn		9175
			(don't include maize, this should be in Q60)		
lettuce (outdoor)		9090	tomatoes (outdoor - include fresh and process tomatoes)		9185
melon water / rock		9115	leafy vegetables (eg spinach, silverbeet, bok choy, etc)		9188

other vegetables or herbs (outdoor) - please specify
If extra lines are required, mark here ⬭ *and attach a separate sheet.*

	Hectares	
		9303

71 During the year ended 30 June 2012, what was the **total area** used for growing **outdoor** vegetables and cooking herbs?

Count:
• the total area used to produce the harvested crops recorded in question 70 (include each cropped area only once)
• the area of any vegetable crops grown but not harvested

total outdoor area used for growing vegetables and cooking herbs, whether harvested or not .... | | Hectares | 6580

72 During the year ended 30 June 2012, were any **other** commercial **outdoor** crops grown on the farm that have not been previously specified?

For example flowers, bulbs, nursery crops (include rootstock), hops.
Nursery crops started indoors and later transferred outdoors should be included here and in question 77.

Don't count:
• fodder crops or sphagnum moss
• crops grown indoors only as these should be included in questions 75 or 77

⬭ yes ⟶ **go to 73**

⬭ no ⟶ **go to 74** on page 19.

73 During the year ended 30 June 2012, what was the total area of **other** commercial **outdoor** crops grown on the farm that have not been previously specified?

total area used for growing other commercial outdoor crops .... | | Hectares | 9595

74 During the year ended 30 June 2012, 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 During the year ended 30 June 2012, what was the **harvested area** of commercial **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

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)

1 hectare = 10,000 square metres

What was the **harvested** area?

Square metres

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 2012, were any **other** commercial **indoor** crops grown on the farm that have not been previously specified?

For example flowers, bulbs, nursery crops (include rootstock).
Nursery crops started indoors and later transferred outdoors should be included here and in question 73.

Count glasshouses, shadehouses, etc.

◯ yes ⟶ **go to** 77

◯ no ⟶ **go to** 78

77 During the year ended 30 June 2012, what was the total area of **other** commercial **indoor** crops grown on the farm that have not been previously specified?

Square metres

total area used for growing other commercial indoor crops 9999

Farm practices

78 During the year ended 30 June 2012, was any part of the farm able to be **irrigated** using resource consents and irrigation equipment that was on the farm?

Don't count:
- frost fighting systems unless also used for irrigation
- effluent sprayed on the farm - this should be included in question 87

◯ yes ⟶ **go to** 79 on page 20.

◯ no ⟶ **go to** 82 on page 20.

79 During the year ended 30 June 2012, what was the total area that **could have been** irrigated using existing resource consents and equipment that was on the farm?

Hectares

area that could have been irrigated 5505

80 During the year ended 30 June 2012, what area of the farm **could have been** irrigated using each of the following systems?

Note: if you could have irrigated an area using more than one system, please count the area under each category that applies.

Hectares

flood systems (eg wild flood, border strip, etc) 5510

spray systems (all spray systems; eg centre pivot, linear, rotating and fixed booms, gun, moveable or fixed sprinklers) 5515

micro systems (indoor and outdoor, eg sprinklers and drip) 5520

81 Mark one item only. What was the **main** activity carried out on the land that was actually irrigated?

◯ dairy farming

◯ sheep/beef/deer farming

◯ other livestock farming (eg horses, goats, etc)

◯ grazing livestock owned by others (eg dairy grazing)

◯ hay/silage/balage production

◯ grain/seed/arable crops (**don't** include process vegetables)

◯ vegetable crops (outdoor - include process vegetables)

◯ fruit crops (outdoor)

◯ other outdoor horticultural crops (eg flowers, nursery crops)

◯ other (including indoor horticultural crops)

82 During the year ended 30 June 2012, 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 87
- fertilisers applied by short-term lessee.

◯ yes ⟶ go to **83**

◯ no ⟶ go to **86** on page 21.

83 During the year ended 30 June 2012, how many **tonnes** of each type of **fertiliser** were applied to the farm?

Note: if possible, please copy details from your 2011 - 2012 summary of fertiliser purchases (for example for rebate purposes).

Tonnes

urea (include coated urea products) 5600

diammonium phosphate (DAP) 5601

ammonium sulphate 5602

superphosphate (include superphosphate with trace elements) 5603

potassic superphosphate (include potassic superphosphate with trace elements) 5606

dolomite 5655

lime (exclude dolomite) 5645

all other fertilisers not specified above (exclude liquid and organic fertilisers) 5748

Please specify the main other fertiliser applied

84 Do you have information **readily available** on how many **tonnes** of nitrogen (N), phosphorus (P), potassium (K), and sulphur (S), were applied to the farm during the year ended 30 June 2012?

For example from a summary of fertiliser purchases, fertiliser rebate notices or nutrient budget software such as Overseer.
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 ⟶ go to **86**

85 During the year ended 30 June 2012, 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 2011 - 2012 summary of fertiliser purchases (for example for rebate purposes).

1 tonne = 1,000 kilograms

Tonnes

total nitrogen 5750

total phosphorus 5751

total potassium 5752

total sulphur 5753

86 During the year ended 30 June 2012, was any **effluent** spread on the farm?

○ yes ⟶ go to **87**

○ no ⟶ go to **88**

87 During the year ended 30 June 2012, over what area of the farm was **effluent** spread?

Count each area only once.

Hectares

effluent 5660

88 During the year ended 30 June 2012, 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 burning on land **leased from** others.

○ yes ⟶ go to **89**

○ no ⟶ go to **90** on page 22.

89 During the year ended 30 June 2012, 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

90 During the year ended 30 June 2012, was any **nitrification inhibitor** or **urease inhibitor** applied to the farm?

For example SustaiN, Eco-N, DCn, ENTEC.

○ yes ⟶ go to **91**

○ no ⟶ go to **92**

91 During the year ended 30 June 2012, over what area of the farm was **nitrification inhibitor** or **urease inhibitor** applied to the farm?

Hectares

urease inhibitors (for example, SustaiN) .... ☐☐☐☐☐•☐ 5675

nitrification inhibitors (for example, Eco-N, DCn, ENTEC) .... ☐☐☐☐☐•☐ 5670

92 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) 5684

○ NMP (**Nutrient Management Plan** which expands on a NB by identifying **actions** to minimise loss of nutrients from farm production) 5685

○ other farm nutrient planning document. Please state: 5686

↳ ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

○ no formal farm nutrient planning documents 5687

Cultivation and direct drilling

93 During the year ended 30 June 2012, was any land on the farm **cultivated** or **direct drilled** for **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
- cultivation of land **leased from** others

○ yes ⟶ go to **94**

○ no ⟶ go to **97** on page 23.

94 During the year ended 30 June 2012, 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

Pasture renewal

95 During the year ended 30 June 2012, was any land on the 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 ⟶ go to **96**

○ no ⟶ go to **97**

96 During the year ended 30 June 2012, 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 make any comments that would help Statistics New Zealand interpret the information that you have provided.

Any other comments.

98 How long did it take you to complete this questionnaire?

Include:
- The time spent reading the instructions, working on the questions and obtaining information
- The time spent by all employees in collecting and providing this information

☐☐ hrs ☐☐ mins 0006

99 If the person we should talk to about the information given is different to the person named below, or any contact details are missing or incorrect, please write the correct details in the white boxes.

Name

Position

Email

Phone

Fax

Other phone

I declare that this questionnaire has been completed to the best of my knowledge.

Signature   Date

Day   Month   Year

Confidentiality of information supplied

100 Only people authorised by the Statistics Act 1975 are allowed to see your individual information, and they must use it only for statistical purposes. Your information will be combined with similar information to prepare summary statistics.

This is a joint collection by Statistics New Zealand and the Ministry for Primary Industries under section 9 of the Statistics Act 1975. Your individual information will be released to the Ministry for Primary Industries, however you have the right to object in writing to the Government Statistician to the release of this information. Any data released to the Ministry for Primary Industries continues to be protected by the Statistics Act (section 37); it must only be used for statistical purposes, and must not be released in any way which identifies your individual information.

Under section 37F of the Statistics Act 1975, the Government Statistician is authorised to provide a list of names and addresses of sheep, goat, and beef farmers to the New Zealand Meat Board. This list can only be used for the meat board election process and for the meat board to distribute copies of its publications. Your individual information will be released to the meat board, however you have the right to object in writing to the Government Statistician to the release of this information. Any data released to the meat board continues to be protected by the Statistics Act (section 37) and must only be used for the purposes set out in the Act.

Thank you for your time and effort.

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

04/2012

Office use:

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