



Agricultural Resource Management Survey 2009-10

ACS

In correspondence, please quote this number ▼

Australian Business Number

Please correct any errors

Purpose of Collection

This survey will collect information on agricultural production throughout Australia and its contribution to the national economy, as well as the management practices being adopted by Australian farmers.

Collection Authority

The information asked for is collected under the authority of the *Census and Statistics Act 1905*. Your co-operation is sought in completing and returning this form by the due date. The Act provides me with the power, if needed, to direct you to provide the information sought.

Confidentiality

Your completed form remains confidential to the Australian Bureau of Statistics (ABS). Statistics will only be published in the form of aggregated data. Some very detailed statistics could relate to data of a single holding. Respondents who can show that their holding may be identified in the detailed statistics published by the ABS can apply to the ABS to further aggregate the data to avoid such identification.

Due Date

Please complete this form and return it in the reply paid envelope to the Australian Bureau of Statistics by **or within 14 days of receipt.**

Brian Pink
Australian Statistician



Help available

Telephone: **1800 647 011**
Freecall (excluding mobile phones)
Facsimile: **1300 303 813**
Write to: Australian Bureau of Statistics
Reply Paid 76746
Sydney NSW 2000

Person we should contact if any queries arise regarding this form

First Name	<input style="width: 100%;" type="text"/>
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Telephone Number	<input style="width: 100%;" type="text"/>
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Last Name	<input style="width: 100%;" type="text"/>
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Mobile Number	<input style="width: 100%;" type="text"/>
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Signature	<input style="width: 100%; height: 60px;" type="text"/>
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Facsimile Number	<input style="width: 100%;" type="text"/>
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Date	<input style="width: 100%;" type="text"/>
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Please read this first

- **Important:** This form will be read using electronic equipment.
- Use **only black ball point pen** when completing this form.
- Please report area figures in whole numbers except where instructed otherwise, for example

· or ·

- Keep each number, letter or tick within the data entry boxes provided, for example

or

- Do not use 'nil', 'n/a' or draw a line in the data entry boxes.
- You will need to report an estimate of time taken when you have completed this form.

- Leave answer boxes blank where you have no response or data to enter. Write zero ('0') only when reporting a complete crop failure.

- If a mistake is made, cross out the incorrect answer and either write the answer in the remaining boxes, for example

Wheat for grain , ·

or if not enough space is left, write next to the relevant item, for example

Wheat for grain , ·

- The items listed under **Including** and **Excluding** are examples and should not be taken as a complete list of items to be included or excluded.

Part 1 – Business details

1 Did the business listed on the front of this form own and/or operate an agricultural property between 1 July 2009 and 30 June 2010?

Definition

- Investor - only financial interest in Agriculture - does not operate any farming business in their own right.

Tick one box only

- (a) Yes - own and/or operate only Go to Question 2
- (b) Yes - own and/or operate and invest Go to Question 2
- (c) No - services to agriculture only (e.g. aerial sprayers, cane cutters, shearers) Go to Question 80
- (d) No - invest only Go to Question 80
- (e) No - did not own and/or operate Go to Question 80

2 What additional Australian Business Numbers (ABNs) could report for the operations of this agricultural business?

Note

- Please attach a list if you need to report more than three ABNs.

Including

- Sole trader (individual) ABNs
- Trusts e.g. family, service
- Partnerships
- Companies

Excluding

- Correct ABN on front of form
- ABNs used solely for financial reasons

No other ABNs Go to Question 3

Australian Business Number (ABN)

Australian Business Number (ABN)

Australian Business Number (ABN)

3 Where is the business's main agricultural property located?

Note

- For businesses operating two or more separate agricultural properties, the main property is the one with the largest area of holding.
- If the front of the form names a shire, please provide the location of the agricultural property in that shire.
- Shire refers to Local Government Area, Municipality, Council or District Council.

Property name

Road/street number ...

Road/street name

Suburb, property locality or town

Shire

State Postcode

Part 2 – Land use

Note

- For the remainder of this form, please report the operational activity for the business listed on the front of the form. If the front of the form names a shire/property, please report the operational activity for that shire/property only.

4 Area of holding at 30 June 2010

Note

- Please report part hectares.
- To convert acres to hectares, divide acres by 2.47.

Including

- All land you lease **from** others
- All land worked for you by sharefarmers
- All road permits

Excluding

- All land leased or rented by you **to** other persons
- All land operated elsewhere by you under a sharefarming agreement

Hectares

(a) Land owned and operated by this business , .

(b) Crown land leased to this business , .

(c) Other land leased or rented to this business , .

(d) Other (please specify in BLOCK letters)

, .

(e) **Total area of holding** (sum of (a) to (d)) , .

5 Please provide a breakdown of the total area of your holding according to the main use of the land between 1 July 2009 and 30 June 2010

Note

- Please report part hectares.
- To convert acres to hectares, divide acres by 2.47.
- If exact figures are not available, please provide careful estimates.

Including

- All land you lease **from** others
- All land worked for you by sharefarmers
- All road permits

Excluding

- All land leased or rented by you **to** other persons
- All land operated elsewhere by you under a sharefarming agreement

Land not used for agricultural production

Hectares

(a) Land set aside for **conservation/protection purposes** (including land that is largely unmodified and managed to preserve its condition)

, , .

(b) Other areas **not used for agricultural production** (including houses and buildings, service and access areas, water bodies, and other agriculturally unproductive or inaccessible areas)

, , .

Land mainly used for agricultural production

(c) Land mainly used for **crops** (including vegetables, fruit, nuts, rice, cotton, grapevines and nurseries etc., including land left fallow between crops)

, , .

(d) Land mainly used for **grazing** (including land spelled between stock rotations)

(i) Grazing on **improved pastures**

– Land mainly used for dairy cattle

, , .

– Land mainly used for other livestock

, , .

(ii) **Grazing on other land** (including natural pastures/grasslands, rangelands, woodland/shrubland, forested areas and swamps/wetland)

, , .

(e) Land mainly used for **forestry plantation**

, , .

(f) Land mainly used for **other agricultural purposes** (including feedlots, piggery and poultry sheds)

, , .

Part 3 – Cereal, sugar cane, cotton and other crops

6 Did you produce any crops (including cereal, sugar cane, cotton and other broadacre crops) between 1 July 2009 and 30 June 2010?

Including

- Sharefarming activities undertaken on **your** land
- The area of failed crops cut for hay

Excluding

- Sharefarming activities undertaken on **someone else's** land
- Crops grown specifically for hay (report in Question 9)
- Vegetables for seed and human consumption, fruit, nuts, grapevines, nurseries, cut flowers and cultivated turf

No Go to Question 8

Yes

7 Cereal, sugar cane, cotton and other broadacre crops harvested, fed off or failed between 1 July 2009 and 30 June 2010

Note

- **Complete failure** of any crop should be noted by '0' in the Total production column, **but the area of the crops that failed should still be shown.**
- Where two or more crops have been grown on the same area during the year, the area should be shown for each crop.
- Areas of wheat, oats, etc., resown after germination failure should be included only once.
- Where harvest is not yet complete or actual production weight is unknown, please estimate production.

	Area sown/planted for 2009-10 crop	Total production for 2009-10
(a) Wheat for grain	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 t
(b) Oats for grain	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 t
(c) Barley for grain	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 t
(d) Sorghum for grain (2010 harvest)	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 t
(e) Rice for grain (2010 harvest)	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 t
(f) All other cereals for grain or seed	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 t
(g) Canola	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 t
(h) Other winter oilseeds (includes safflower, linseed)	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 t
(i) Lupins for grain or seed	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 t
(j) Chickpeas	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 t
(k) Other winter pulses (includes field peas, faba beans, lentils)	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 t
(l) Summer oilseeds (includes soy beans, sunflowers, sesame)	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 t
(m) Summer pulses (includes navy beans, adzuki beans, mung beans)	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 t
(n) Cotton lint - irrigated (weight of lint ginned from seed)	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 kg
(o) Cotton lint - non-irrigated (weight of lint ginned from seed)	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 kg
(p) Sugar cane cut for crushing during 2009 season	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 t
(q) All other crops (excluding fruit and vegetables)	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	

Part 4 – Production of hay and silage

8 Did you produce or sell any hay or silage between 1 July 2009 and 30 June 2010?

- No Go to Question **10**
 Yes

9 Production of hay and silage between 1 July 2009 and 30 June 2010

Note

- If cut for hay more than once, include area once only, but show total production.
- A small rectangle bale weighs approximately 25 kg.
- A large round bale weighs approximately 500 kg.

	Hectares	Total production Tonnes
(a) Pasture cut for hay	<input style="width: 100px; height: 20px;" type="text" value="0"/>	<input style="width: 100px; height: 20px;" type="text" value="0"/>
(b) Cereal cut for hay	<input style="width: 100px; height: 20px;" type="text" value="0"/>	<input style="width: 100px; height: 20px;" type="text" value="0"/>
(c) Other crops cut for hay (including vetches)	<input style="width: 100px; height: 20px;" type="text" value="0"/>	<input style="width: 100px; height: 20px;" type="text" value="0"/>
(d) Hay sold	<input style="width: 100px; height: 20px;" type="text" value="0"/>	<input style="width: 100px; height: 20px;" type="text" value="0"/>
(e) Pasture and cereal cut for silage	<input style="width: 100px; height: 20px;" type="text" value="0"/>	<input style="width: 100px; height: 20px;" type="text" value="0"/>

Part 5 – Nurseries, cut flowers and cultivated turf

10 Did you grow (or grow-on) any nursery produce, cut flowers or cultivated turf between 1 July 2009 and 30 June 2010?

- No Go to Question **12**
 Yes

11 Total area of nurseries, cut flowers or cultivated turf

Note

- Undercover includes the use of greenhouses (including hydroponics), cold frames, cloth houses and lath houses to grow produce.
- 10,000 square metres = 1 hectare.
- ha = hectares.
- m² = square metres.

Including

- All areas used for propagation

	Undercover	Outdoor
(a) Nurseries	<input style="width: 100px; height: 20px;" type="text" value="0"/> m ²	<input style="width: 100px; height: 20px;" type="text" value="0"/> ha
(b) Cut flowers	<input style="width: 100px; height: 20px;" type="text" value="0"/> m ²	<input style="width: 100px; height: 20px;" type="text" value="0"/> ha
(c) Cultivated turf.....		<input style="width: 100px; height: 20px;" type="text" value="0"/> ha

Part 6 – Vegetables, fruit and nuts

12 Did you have any horticultural production (including vegetables for sale for human consumption, fruit or nuts) between 1 July 2009 and 30 June 2010?

- No Go to Question **18**
 Yes

15 Total area of orchard fruit trees and nut trees at 30 June 2010

Note

- Where trees are not grown in a defined orchard, please estimate area.

Excluding

- Grapes, plantation fruit and berry fruit

, • ha

16 Other fruit intended for sale – grown between 1 July 2009 and 30 June 2010

Including

- Sales to processors

	Area not yet bearing Hectares	Area of bearing age Hectares	Total production Weight
(a) Bananas	<input type="text"/> , <input type="text"/>	<input type="text"/> , <input type="text"/>	<input type="text"/> , <input type="text"/> t
(b) Grapes	<input type="text"/> , <input type="text"/>	<input type="text"/> , <input type="text"/>	<input type="text"/> , <input type="text"/> t
(c) Strawberries	<input type="text"/> , <input type="text"/>	<input type="text"/> , <input type="text"/>	<input type="text"/> , <input type="text"/> kg
(d) All other fruit	<input type="text"/> , <input type="text"/>	<input type="text"/> , <input type="text"/>	

17 Which of the following practices did you use to maintain your ground cover levels in between your main horticultural plantings between 1 July 2009 and 30 June 2010?

Please tick all that apply

- (a) Alternate or cover crops
- (b) Mulching and/or matting
- (c) None of the above

Part 7 – Wheat grain use

18 Did you use any wheat grain between 1 July 2009 and 30 June 2010?

Including

- Wheat grain used for stock feed and/or crop production

Excluding

- Barley, other grains and pulses

No Go to Question 20

Yes

19 Total wheat grain used

Tonnes

- (a) Milling grade , •
- (b) Feed grade , •

Part 8 – Wheat storage

20 Did you have any on-farm grain storage capacity between 1 July 2009 and 30 June 2010?

No Go to Question 22

Yes Total storage capacity , Tonnes

21 Did you store any wheat grain on-farm as at 30 June 2010?

No Go to Question 22

Yes

(a) Wheat grain Tonnes
(i) Milling grade ,
(ii) Feed grade ,

Part 9 – Land preparation for crops and horticulture

Including

- Cover crops in permanent plantings (e.g. vines and orchards)

Excluding

- Land prepared for pastures (include in Question 42)

22 Did you prepare (e.g. spray or cultivate) any land for crops and/or horticulture on this holding between 1 July 2009 and 30 June 2010?

No Go to Question 28

Yes

23 Please show the area of land prepared for crops and/or horticulture between 1 July 2009 and 30 June 2010, using the following:

Note

- Cultivation includes discing, ploughing, scarifying and harrowing etc.
- Include each area only once.
- Do not include post-sowing cultivation.

(a) No cultivation (apart from herbicide spraying or sowing) , Hectares
(b) One or two cultivations only ,
(c) Three or more cultivations ,

24 During the driest period between 1 July 2009 and 30 June 2010, did you have a ground cover target for cropping and/or horticultural land?

No Go to Question 26

Yes Minimum ground cover target %

Part 10 – Soil condition

29 Have you undertaken any soil testing on this holding between 1 July 2009 and 30 June 2010?

- No Go to Question **31**
 Yes

30 What did the soil testing include?

Please tick all that apply

- (a) pH
- (b) Nutrient levels
- (c) Organic matter levels
- (d) Salinity levels (E.C.)... ..
- (e) Moisture content
- (f) Other
- (g) Don't know

31 Did you apply lime or dolomite on your holding between 1 July 2009 and 30 June 2010?

- No Go to Question **33**
 Yes

32 Lime or dolomite applied on your holding between 1 July 2009 and 30 June 2010

Cropping land
Hectares

Pasture land
Hectares

- | | | | | |
|--|--|-----|--|-----|
| (a) Lime, lime sand or limestone | <input style="width: 100%; height: 20px; border: 1px solid black;" type="text"/> | • 0 | <input style="width: 100%; height: 20px; border: 1px solid black;" type="text"/> | • 0 |
| (b) Dolomite | <input style="width: 100%; height: 20px; border: 1px solid black;" type="text"/> | • 0 | <input style="width: 100%; height: 20px; border: 1px solid black;" type="text"/> | • 0 |

33 Did you apply lime or dolomite on your holding between

Please tick all that apply

- (a) 1 July 2006 and 30 June 2009
- (b) 1 July 2004 and 30 June 2006
- (c) Have never applied lime or dolomite or have not applied since 1 July 2004 ...

Part 11 – Fertiliser use

34 Did you apply any fertiliser to your holding between 1 July 2009 and 30 June 2010?

- No Go to Question **37**
 Yes

35 How much fertiliser did you use between 1 July 2009 and 30 June 2010?

Note

- If the same fertiliser was applied to an area more than once, report the area once only.
- If two or more types of fertiliser were applied to the same area, report area on each occasion.

Please complete both columns

	Hectares	Tonnes applied
(a) Urea	<input type="text"/>	<input type="text"/>
(b) Ammonium sulphate	<input type="text"/>	<input type="text"/>
(c) Urea ammonium nitrate (Flexi-N, Easy-N)...	<input type="text"/>	<input type="text"/>
(d) Anhydrous ammonia	<input type="text"/>	<input type="text"/>
(e) Single superphosphate	<input type="text"/>	<input type="text"/>
(f) Double and/or triple superphosphate... ..	<input type="text"/>	<input type="text"/>
(g) Muriate of potash and/or sulphate of potash	<input type="text"/>	<input type="text"/>
(h) Potassium nitrate	<input type="text"/>	<input type="text"/>
(i) Ammonium phosphates (MAP and/or DAP)	<input type="text"/>	<input type="text"/>
(j) All other manufactured fertiliser (including specialised blends)	<input type="text"/>	<input type="text"/>
(k) Animal manure	<input type="text"/>	<input type="text"/>

36 Which of the following methods do you use to decide how much fertiliser to apply?

Please tick all that apply

- (a) Based on soil tests
- (b) Previous paddock yields
- (c) Apply a standard annual rate
- (d) Follow consultant's recommendations
- (e) Use as much as can be afforded
- (f) Vary rates depending on seasonal conditions
- (g) Leaf and/or stem sampling
- (h) Precision farming/variable rate technology

Part 13 – Land preparation and management for pastures

41 Did you have any pastures on this holding between 1 July 2009 and 30 June 2010?

- No Go to Question **48**
- Yes

42 Please show the area of land prepared for pastures between 1 July 2009 and 30 June 2010, using the following:

Note

- Cultivation includes discing, ploughing, scarifying and harrowing etc.
- Include each area only once.

Pasture
Hectares

- | | | |
|--|--|-----|
| (a) No cultivation (apart from herbicide spraying or sowing) | | • 0 |
| (b) One or two cultivations only | | • 0 |
| (c) Three or more cultivations | | • 0 |

43 What proportion of your pasture is made up of perennial species (including native and sown)?

Note

- **Perennial species:** a plant which lives or continues to live more than two years, whether they retain their leaves in winter or not (e.g. rhodes grass, lucerne, phalaris).

..... %

44 What is the main method used to monitor ground cover levels?

Tick one
box only

- | | | |
|--|--|--------------------------|
| (a) Visual estimates (either in passing or more careful inspection but without any formal processes) | | <input type="checkbox"/> |
| (b) Step pointing (i.e. using a point marked on the boot to determine the number of hits on ground cover in a specified number of steps) | | <input type="checkbox"/> |
| (c) Photo monitoring standards (i.e. comparison with photos of known ground cover levels or photos at a fixed point over time) | | <input type="checkbox"/> |
| (d) Counting the number of plants within a defined area..... | | <input type="checkbox"/> |
| (e) Satellite imagery and remote sensing | | <input type="checkbox"/> |
| (f) Other | | <input type="checkbox"/> |
| (g) None | | <input type="checkbox"/> |

45 During the driest period between 1 July 2009 and 30 June 2010, did you have a ground cover target for your pastures?

- No Go to Question **48**
- Yes Minimum ground cover target %

51 Approximately what area of native vegetation on your holding was protected for conservation purposes at 30 June 2010?

None ... Go to Question **53**

Area ... , , . 0 ha

Don't know

52 Which of the following activities did you undertake to protect native vegetation for conservation purposes on your holding between 1 July 2009 and 30 June 2010?

Please tick all that apply

Hectares

- (a) Total livestock exclusion , , . 0
- (b) Controlled livestock access , , . 0
- (c) Planted and/or seeded native vegetation... ... , , . 0
- (d) Managed weeds , , . 0
- (e) Managed pests and/or feral animals , , . 0
- (f) Retained existing native vegetation , , . 0
- (g) Other , , . 0

53 Approximately what area of your holding as at 30 June 2010 has been revegetated (by planting or direct seeding, or by allowing regrowth) with native vegetation?

None ...

Area ... , , . 0 ha or %

Don't know

54 Did you have any wetlands on your holding between 1 July 2009 and 30 June 2010?

Including

- Natural lakes, swamps, marshes or bogs, including those that are currently dry

Excluding

- Dams
- Rivers and streams

No ... Go to Question **57**

Yes ... Approximately how many hectares do these wetlands cover? ...

Hectares

, , . 0

Don't know

55 What area of wetland on your holding was protected for conservation purposes at 30 June 2010?

None ... Go to Question **57**

Area ... , , . 0 ha

Don't know

56 Which of the following activities did you undertake to protect wetlands for conservation purposes on your holding between 1 July 2009 and 30 June 2010?

Please tick all that apply

Hectares

- (a) Total livestock exclusion , , . 0
- (b) Controlled livestock access , , . 0
- (c) Planted and/or seeded native vegetation... , , . 0
- (d) Managed weeds , , . 0
- (e) Managed pests and/or feral animals , , . 0
- (f) Retained existing native vegetation , , . 0
- (g) Maintained water in wetlands , , . 0
- (h) Other , , . 0

57 Do you have any rivers or creeks on your holding?

Including

- Rivers or creeks that are currently dry
- Rivers or creeks that are part of your holding’s boundary

- No Go to Question 60
- Yes

58 Approximately what area of river or creek banks on your holding was protected for conservation purposes at 30 June 2010?

- None Go to Question 60
- Area , , . 0 ha
- Don't know

59 Which of the following activities did you undertake to protect river or creek banks for conservation purposes on your holding between 1 July 2009 and 30 June 2010?

Please tick all that apply

Hectares

- (a) Total livestock exclusion , , . 0
- (b) Controlled livestock access , , . 0
- (c) Planted and/or seeded native vegetation... , , . 0
- (d) Managed weeds , , . 0
- (e) Managed pests and/or feral animals , , . 0
- (f) Retained existing native vegetation , , . 0
- (g) Other , , . 0

60 Did you have a conservation agreement covering any part of your holding as at 30 June 2010?

Note

- A conservation agreement is an agreement between a landowner and an authorised body to help the landowner protect and manage the vegetation on their property.

No Go to Question **62**

Yes Please specify area , . 0 ha

61 How many years is this agreement for?

Note

- The period of the agreement should be the total period from the beginning of the agreement.

Years ... or In perpetuity

62 Did you plant or sow any trees or shrubs on this property between 1 July 2009 and 30 June 2010?

Excluding

- Fruit and nut trees and garden trees and shrubs

No Go to Question **64**

Yes

63 Trees and shrubs planted or sown between 1 July 2009 and 30 June 2010

Note

- Report each planting only once.
- Classify multi-purpose plantings to their major purpose.
- Classify each separate planting to its major purpose.
- If trees are protected by fencing, report enclosed area.
- Estimate if unknown.

	Seedlings Hectares	Seed sown Hectares
(a) Timber and wood pulp production	<input type="text"/> , <input type="text"/> . <input type="text"/> 0	
(b) Nature conservation (e.g. wildlife habitat)	<input type="text"/> , <input type="text"/> . <input type="text"/> 0	<input type="text"/> , <input type="text"/> . <input type="text"/> 0
(c) Enhanced production (e.g. shade, windbreaks, shelter belts)	<input type="text"/> , <input type="text"/> . <input type="text"/> 0	<input type="text"/> , <input type="text"/> . <input type="text"/> 0
(d) Fodder and plant products (e.g. bush foods, oils, flowers and honey)	<input type="text"/> , <input type="text"/> . <input type="text"/> 0	<input type="text"/> , <input type="text"/> . <input type="text"/> 0
(e) Protection of land and water (e.g. control of land degradation and water quality protection)	<input type="text"/> , <input type="text"/> . <input type="text"/> 0	<input type="text"/> , <input type="text"/> . <input type="text"/> 0
(f) All other plantings	<input type="text"/> , <input type="text"/> . <input type="text"/> 0	<input type="text"/> , <input type="text"/> . <input type="text"/> 0

Part 15 – Water use

64 Did you use water for agricultural production (including for livestock and viticulture) between 1 July 2009 and 30 June 2010?

No Go to Question **67**

Yes

65 Water used for agricultural production on your holding between 1 July 2009 and 30 June 2010

Note

- Where any area of pasture or crop was watered more than once during the season, show this area only once.
- Where two or more crops have been grown on the same area during the year, the area watered should be shown for each crop.

Please complete both columns

	Area watered Hectares	Volume applied Megalitres (estimate if unknown)
(a) Pasture and crops for grazing, hay and silage		
(i) Pastures (including lucerne) and cereal crops used for grazing or fed off	<input style="width: 100px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>
(ii) Pastures (including lucerne) and cereal crops cut for hay	<input style="width: 100px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>
(iii) Pastures (including lucerne) and cereal crops cut for silage	<input style="width: 100px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>
(b) Crops		
(i) Rice	<input style="width: 100px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>
(ii) Other cereals for grain or seed (e.g. wheat, oats, maize)	<input style="width: 100px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>
(iii) Cotton	<input style="width: 100px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>
(iv) Sugar cane	<input style="width: 100px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>
(v) Other broadacre crops (e.g. canola, field beans, lupins, sunflowers, poppies)	<input style="width: 100px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>
(vi) Fruit trees, nut trees, plantation or berry fruits ...	<input style="width: 100px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>
(vii) Vegetables for human consumption	<input style="width: 100px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>
(viii) Nurseries, cut flowers and cultivated turf	<input style="width: 100px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>
(ix) Grapevines	<input style="width: 100px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>
(x) Other crops (please specify in BLOCK letters)	<input style="width: 100px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>
(c) Other agricultural water e.g. livestock drinking water, dairy or piggy cleaning etc. (please specify in BLOCK letters)		
<input style="width: 500px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>

68 Which of the following responses have been effective (or you anticipate will be effective) in dealing with these adverse seasonal conditions? – (continued)

Please tick all that apply	
Effective	Not yet effective or only partially effective

(b) Cropping and/or planting (cereal/grain/fodder crops and annual/perennial horticulture)

- (i) Change area of crop/plants sown and/or harvested
- (ii) Modify cropping/planting program (modifying rotation practices and/or sowing time, changing type of crop grown)
- (iii) Implement moisture conserving practices (deep sowing, direct drilling, stubble retention etc.)
- (iv) Install crop/plant protection measures (e.g. hail/bird netting, frost fans or windbreaks)

(c) Water – related

- (i) Buy in and/or use on-farm water reserves
- (ii) Modify irrigation program (watering less often, using less water)
- (iii) Reduce area irrigated
- (iv) Change water source
- (v) Sell or trade water licenses
 - Permanent sale or trade
 - Temporary sale or trade
- (vi) Improve on-farm water use efficiency (infrastructure upgrades, new technology)

Were any of the above selected in 68(c) in response to reduced water allocation?

- No
- Yes

(d) Financial activities

- (i) Undertake debt restructuring
- (ii) Utilise Farm Management Deposits
- (iii) Utilise other financial reserves and/or increase business liabilities (e.g. increase overdraft)
- (iv) Obtain and/or increase off-farm work
- (v) Accept Exceptional Circumstances (EC) assistance
 - Income support
 - Interest rate subsidies
- (vi) Accept Transitional Income support
- (vii) Accept other government assistance

69 Were you located in an Exceptional Circumstance (EC) declared area between 1 July 2009 and 30 June 2010?

Tick one box only

- Yes
- No
- Don't know

Part 17 – Farm management

70 In relation to this business are you the:

Tick one box only

- (a) Owner/operator
- (b) Manager
- (c) Other

71 What was your age last birthday? Years

72 How many years have you been involved in the management of this holding? (Answer to the nearest year) Years

73 How many years have you been involved in farming in your local region/shire? (Answer to the nearest year) Years

74 Are you, or a representative of this agricultural business, currently a member of a Landcare group?

- No
- Yes

75 Did the business participate in projects or receive funding from any of the following sources between 1 July 2009 and 30 June 2010?

Please tick all that apply

- (a) Caring for our Country (including Landcare)
- (b) Non-government groups (e.g. Greening Australia, World Wildlife Fund)
- (c) Community Action Grants
- (d) FarmReady
- (e) CCAP Professional Advice or Training Grant
- (f) Professional Advice Planning Grant (PPAG)
- (g) State government funded projects
- (h) Other

(i) None of the above Go to Question **77**

76 What benefits resulted from your participation in these programs/initiatives?

Please tick all that apply

- (a) Gained new skills and/or information
- (b) On-ground works were implemented on the farm... ..
- (c) Improved community interaction/networks
- (d) Improved understanding of land management and environmental issues
- (e) Other
- (f) No benefit

77 Which of the following sources of information or advice have you used for making decisions on your property between 1 July 2009 and 30 June 2010?

Please tick all that apply

- (a) Regional NRM organisations (e.g. CMAs (NSW and Vic.), Committees, Groups or Associations (Qld), NRM Boards (SA), NRM Groups or Catchment Councils (WA), NRM Committees (Tas.), NRM Board (NT))
- (b) Other local and/or state government (e.g. Rural Lands Protection Boards, shire weed officers, government veterinary officers etc.)
- (c) Landcare groups
- (d) Farm journals and agricultural media (e.g. newspaper, radio etc.)
- (e) Internet
- (f) Industry groups (e.g. National Farmers' Federation, NSW Farmers' Association, Rural and Research and Development Corporations etc.)
- (g) Agri-businesses (e.g. fertiliser/stock agents etc.)
- (h) Accountants or rural financial counsellors
- (i) Private agronomists/consultants
- (j) Other farmers

78 Did this business employ casual, permanent or contract workers between 1 July 2009 and 30 June 2010?

<i>Including</i>	<i>Excluding</i>
<ul style="list-style-type: none"> • All employees for whom PAYE tax is deducted • Contract staff working on this holding 	<ul style="list-style-type: none"> • Working proprietors and partners • Non-salaried directors

- No Go to Question **80**
- Yes

79 Please estimate the number of person days worked by season

Note

- For this exercise, one person day equals 8 hours
For example:
 - 1 person working 8 hours a day = 1 person day
 - 1 person working 1 hour a day for 8 days = 1 person day
 - 8 people working 1 hour each = 1 person day
- If exact figures are not available, please provide careful estimates

	Casual Person days	Permanent Person days	Contract staff Person days
(a) Winter 2009	<input type="text"/>	<input type="text"/>	<input type="text"/>
(b) Spring 2009	<input type="text"/>	<input type="text"/>	<input type="text"/>
(c) Summer 2009-10	<input type="text"/>	<input type="text"/>	<input type="text"/>
(d) Autumn 2010	<input type="text"/>	<input type="text"/>	<input type="text"/>

Part 18 – Future intentions

80 Does this business intend to operate an agricultural property in the future?

- No... ..
- Yes
- Don't know

Part 19 – Comments and time taken

81 Please provide comments

- on any information you have supplied on this form (e.g. related to unusual movements or other factors) (please use BLOCK letters)

- on any difficulties you had providing the requested information, or suggested improvements to this form (please use BLOCK letters)

82 Please provide an estimate of the time taken to complete this form

Including

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

..... hrs mins

Thank you for completing this form