

## Agricultural Resource Management Survey 2009-10

In correspondence, please quote this number	Australian Business Number
	Please correct any errors
Purpose of Collection This survey will collect information on agricultural process.	luction

## **Collection Authority**

farmers.

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.

throughout Australia and its contribution to the national economy, as well as the management practices being adopted by Australian



#### 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 show	ald contact if any queries arise regarding this form	
First Name		Telephone Number
Last Name		Mobile Number
Signature		Facsimile Number
Signature		Date / /

	Pl	ease re	ad th	is first	t		
•	<b>Important</b> : This form will be read using equipment. Use <b>only black ball point pen</b> when com		res	ponse or d		er. Write ze	you have no ero ('0') only when
•	this form.  Please report area figures in whole numbe where instructed otherwise, for example	rs except	and				e incorrect answer remaining boxes,
	32 · 0 or 58 · 7  Keep each number, letter or tick within the data entry boxes provided, for example	e	or i	f not enou	ain	is left, writ	te next to the
	SYDNEY or		Wh	eat for gr	ain5	42	642.0
•	Do not use 'nil', 'n/a' or draw a line in the entry boxes.  You will need to report an estimate of time taken when you have completed this form	e	• The	e items lis examples	ted under and shoul	<i>Including</i> d not be ta	and <i>Excluding</i> aken as a ded or excluded.
Pa	rt 1 – Business details						
1	Did the business listed on the front of an agricultural property between 1 J						
	<ul><li>Definition</li><li>Investor - only financial interest in Agricult business in their own right.</li></ul>	ure - does no	ot operate	any farming	7	Tick one box only	
	(a) Yes - own and/or operate only						Go to Question 2
	(b) Yes - own and/or operate and inves	t	)				Go to Question 2
	(c) No - services to agriculture only (e.	g. aerial s <sub>l</sub>	orayers, o	cane cutte	rs, shearer	rs)	Go to Question <b>80</b>
	(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 for the operations of this agricultural			could re	port		
	Note • Please attach a list if you need to report mo	re than three	ABNs.				
	<ul><li>Including</li><li>Sole trader (individual) ABNs</li><li>Trusts e.g. family, service</li><li>Partnerships</li><li>Companies</li></ul>	• Correct A • ABNs us			reasons		
	No other ABNs		Go to Q	uestion 3			
	Australian Business Number (ABN)						
	Australian Business Number (ABN)						

Australian Business Number (ABN)

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

- 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	
t 2 – Land use		

#### Par

#### 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

To convert acres to nectures, divide	Addies by 2.47.	
<ul> <li>Including</li> <li>All land you lease from others</li> <li>All land worked for you by sharefarmers</li> <li>All road permits</li> </ul>	<ul> <li>Excluding</li> <li>All land leased or rented by you to other persons</li> <li>All land operated elsewhere by you under a sharefarming agreement</li> </ul>	Hectares
(a) Land owned and operated by	y this business	•
(b) Crown land leased to this bu	siness	•
(c) Other land leased or rented t	to this business	•
(d) Other (please specify in BLC	OCK letters)	
		•
(e) Total area of holding (sum	of (a) to (d))	•

	4	ACS
5	Please provide a breakdown of the total area of your holding according to the <u>main use</u> of the land between 1 July 2009 and 30 June 2010	
	<ul> <li>Note</li> <li>Please report part hectares.</li> <li>To convert acres to hectares, divide acres by 2.47.</li> <li>If exact figures are not available, please provide careful estimates.</li> </ul>	
	<ul> <li>Including</li> <li>All land you lease from others</li> <li>All land worked for you by sharefarmers</li> <li>All road permits</li> <li>Excluding</li> <li>All land leased or rented by you to other persons</li> <li>All land operated elsewhere by you under a sharefarming agreement</li> </ul>	
	Land not used for agricultural production	Hectares
	(a) Land set aside for <b>conservation/protection purposes</b> (including land that is largely unmodified and managed to preserve its condition)	, , ,
	(b) Other areas <b>not used for agricultural production</b> (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 <b>crops</b> (including vegetables, fruit, nuts, rice, cotton, grapevines and nurseries etc., including land left fallow between crops)	
	(d) Land mainly used for <b>grazing</b> (including land spelled between stock rotations)	
	(i) Grazing on improved pastures	
	- Land mainly used for dairy cattle	, , , ,
	Land mainly used for other livestock	, , ,
	(ii) <b>Grazing on other land</b> (including natural pastures/grasslands, rangelands, woodland/shrubland, forested areas and swamps/wetland)	•
	(e) Land mainly used for <b>forestry plantation</b>	, , ,
	(f) Land mainly used for <b>other agricultural purposes</b> (including feedlots, piggery and poultry sheds)	, , , .
	t 3 – Cereal, sugar cane, cotton and other crops	
0	Did you produce any crops (including cereal, sugar cane, cotton and other broadacre crops) between 1 July 2009 and 30 June 2010?	
	<ul> <li>Including</li> <li>Sharefarming activities undertaken on your land</li> <li>The area of failed crops cut for hay</li> <li>Excluding</li> <li>Sharefarming activities undertaken on someone else's land</li> <li>Crops grown specifically for hay (report in Question 9)</li> <li>Vegetables for seed and human consumption, fruit, nuts, grapevines, nurseries, cut flowers and cultivated turf</li> </ul>	

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	• 0 1	na , 0 t
(b) Oats for grain	, 0 1	na , 0 t
(c) Barley for grain	, • 0 1	na , 0 t
(d) Sorghum for grain (2010 harvest)	, 0	na , 0 t
(e) Rice for grain (2010 harvest)	, 0	na , 0 t
(f) All other cereals for grain or seed	• 0 I	na 0 t
(g) Canola	, 0 I	na 0 t
(h) Other winter oilseeds (includes safflower, linseed)		na 0 t
(i) Lupins for grain or seed	0 1	na 0 t
(j) Chickpeas	• 0 1	na 0 t
(k) Other winter pulses (includes field peas, faba beans, lentils)	, 0 1	na , 0 t
(1) Summer oilseeds (includes soy beans sunflowers, sesame)	1 0 1	na 0 t
(m) Summer pulses (includes navy beans adzuki beans, mung beans)		na , 0 t
(n) Cotton lint - irrigated (weight of lint ginned from seed)	, 0 <sub>1</sub>	na , , lo kg
(o) Cotton lint - non-irrigated (weight of lint ginned from seed)		na , , lo kg
(p) Sugar cane cut for crushing during 2009 season	• 0 <sub>1</sub>	na 0 t
(q) All other crops (excluding fruit and vegetables)	, 0 <sub>1</sub>	na

8	Did you produce or sell any hay or silage between 1 July 2009 and 30 Ju	ne 2010?		
	No Go to Question 10			
0	Yes			
9	Production of hay and silage between 1 July 2009 and 30 June 2010			
	<ul> <li>Note</li> <li>If cut for hay more than once, include area once only, but show total production.</li> <li>A small rectangle bale weighs approximately 25 kg.</li> <li>A large round bale weighs approximately 500 kg.</li> </ul>		Total production	
	Hectares		Tonnes	L
	(a) Pasture cut for hay	• 0	,	• 0
	(b) Cereal cut for hay	• 0	,	0
	(c) Other crops cut for hay (including vetches)	0	,	0
	(d) Hay sold		,	• 0
	(e) Pasture and cereal cut for silage	• 0	, , ,	0
Pa	et 5 – Nurseries, cut flowers and cultivated turf			
10	Did you grow (or grow-on) any nursery produce, cut flowers or cultivate between 1 July 2009 and 30 June 2010?	ed turf		
	No Go to Question 12			
11	Total area of nurseries, cut flowers or cultivated turf			
	Note			
	<ul> <li>Undercover includes the use of greenhouses (including hydroponics), cold frames, cloth houses and lath houses to grow produce.</li> <li>10,000 square metres =</li> <li>ha = hectares.</li> <li>m<sup>2</sup> = square metres.</li> </ul>	1 hectare.		
	Including • All areas used for propagation  Undercover		Outdoor	
	(a) Nurseries,	• m <sup>2</sup>	•	ha
	(b) Cut flowers,	• m <sup>2</sup>		ha
	(c) Cultivated turf			ha
Pa	rt 6 – Vegetables, fruit and nuts			
12	Did you have any horticultural production (including vegetables for sale human consumption, fruit or nuts) between 1 July 2009 and 30 June 201			
	No Go to Question 18			
	Yes			

### 13 Vegetables for sale for human consumption between 1 July 2009 and 30 June 2010

<ul> <li>Complete failure of any crop should be noted by the Total production column, but the area of the c that failed should still be shown.</li> <li>Where two or more crops of vegetables have been son the same area during the year, the area should be shown for each crop.</li> <li>Where harvest is not yet complete or actual production.</li> </ul>	rops	square metres = 1 quare metres.		
<ul> <li>Including</li> <li>The area of vegetables that failed completely, or were not harvested for other reasons</li> </ul>	Area sown	Total pr	roduction	
(a) Carrots		ha	• 0	t
(b) Potatoes, fresh market and processing		ha	• 0	t
(c) Tomatoes, fresh market and processing	•	ha	• 0	t
(d) Onions (brown, white and red)		ha	• 0	t
(e) Mushrooms	,	m <sup>2</sup>	, ,	• 0 kg
(f) All other vegetables for human consumpt	tion	ha		
Orchard fruit and nuts intended for sale –	grown between 1	July 2009 and	30 June 2010	
<ul><li>Note</li><li>Show production in terms of fresh weight.</li></ul>	7			
<ul><li>Including</li><li>Sales to processors</li></ul>				
50	Trees under 6 years Number	Trees 6 years and over Number	Total prodi Kilogra	
(a) Apples	,	, , , , , , , ,	, ,	• 0
(b) Pears (including Nashi)		, , , , , , , ,	, ,	• 0
(c) Oranges	,		, ,	• 0
(d) Mandarins	,	, , , , , , , ,	, ,	• 0
(e) Peaches, fresh market and processing	,	,	, ,	• 0
(f) Mangoes	,	, , ,	, ,	• 0
(g) Macadamias	,	,	, ,	• 0
(h) All other orchard fruit and/or nuts				

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15	Total area of orchard fruit trees and nut trees at 30 June 2010	
	<ul><li>Note</li><li>Where trees are not grown in a defined orchard, please estimate area.</li></ul>	
	Excluding • Grapes, plantation fruit and berry fruit  • the second of th	ıa
16	Other fruit intended for sale – grown between 1 July 2009 and 30 June 2010	
	Including • Sales to processors  Total	
	Area not yet bearing Area of bearing age production Hectares Hectares Weight	
	(a) Bananas t	
	(b) Grapes t	
	(c) Strawberries , , , , , k	g
	(d) All other fruit	
	$\langle \mathcal{O} \rangle$	
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 on cover energ	
	(a) Alternate or cover crops	
	(b) Mulching and/or matting	
	(c) None of the above	
Par	rt 7 – Wheat grain use	
18		
	Did you use any wheat grain between 1 July 2009 and 30 June 2010?	
	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	
	Including  • Wheat grain used for stock feed and/or  • Barley, other grains and pulses	
	<ul> <li>Including         <ul> <li>Wheat grain used for stock feed and/or crop production</li> </ul> </li> <li>Excluding         <ul> <li>Barley, other grains and pulses</li> </ul> </li> </ul>	
19	<ul> <li>Including <ul> <li>Wheat grain used for stock feed and/or crop production</li> </ul> </li> <li>Barley, other grains and pulses</li> </ul> <li>No Go to Question 20</li>	
19	Including  • Wheat grain used for stock feed and/or crop production  No Go to Question 20  Yes Tonnes	

### 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
	Tonnes
	(a) Wheat grain
	(i) Milling grade
	(ii) Feed grade
Pai	rt 9 – Land preparation for crops and horticulture
Inc	cluding Excluding
• (	Cover crops in permanent plantings e.g. vines and orchards)  • Land prepared for pastures (include in Question 42)
	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 Please show the area of land prepared for crops and/or horticulture
	between 1 July 2009 and 30 June 2010, using the following:
	<ul> <li>Note</li> <li>Cultivation includes discing, ploughing, scarifying and harrowing etc.</li> <li>Include each area only once.</li> <li>Do not include post-sowing cultivation.</li> </ul> Hectares
	(a) No cultivation (apart from harbicide approxing or covving)
	(a) No cultivation (apart from herbicide spraying or sowing)
	(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 %

25	ground cover was less than your target	Hectares	
	(a) Less than 2 months	, ,	• 0
	(b) 2 to 4 months	, ,	• 0
	(c) More than 4 months	, , ,	• 0
26	What crop residue (stubble or trash) management practices were used on your crops between 1 July 2009 and 30 June 2010?		
	Note  Include each area only once. Include failed crops.	Hectares	
	(a) Stubble was left intact (no cultivation, crops direct drilled)	, ,	• 0
	(b) Most stubble or trash removed by baling or heavy grazing	, ,	• 0
	(c) Stubble or trash removed by a hot burn (early season, summer)	, ,	• 0
	(d) Stubble or trash removed by a cool burn (late season, autumn)	, , ,	• 0
	(e) Stubble or trash was ploughed into the soil		• 0
			$\begin{bmatrix} \cdot & 0 \end{bmatrix}$
	(f) Stubble or trash was mulched, i.e. spread on surface	2 2	
27	Do you include a pasture phase in your cropping rotation?		
	No		
	Yes Please specify the average length of pasture phase Years		
28	Did you use controlled traffic farming on your holding between 1 July 2009 and 30 June 2010?		
	<ul> <li>Note</li> <li>Controlled traffic farming is where machinery used for farming has an identical wheel track width (or multiples of) and follows the same wheel tracks in the paddock to minimise soil compaction.</li> </ul>		
	Including       Excluding         • Permanent beds       • The movement of livestock on laneways		
	No Ves Please specify area ha		

### Part 10 – Soil condition

29	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	<b></b>
	(f) Other	<u> </u>
	(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  Cropping land	Pasture land
	between 1 July 2009 and 30 June 2010  Hectares	Hectares
	(a) Lime, lime sand or limestone	• 0
	(b) Dolomite	, , ,
22		Please tick all
33	Did you apply lime or dolomite on your holding between	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	
Pa	rt 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?

- 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 complet	e both columns
		Hectares	Tonnes applied
	(a) Urea	•	•
	(b) Ammonium sulphate	•	•
	(c) Urea ammonium nitrate (Flexi-N, Easy-N)	•	•
	(d) Anhydrous ammonia	, , , , ,	<u> </u>
	(e) Single superphosphate		
	(f) Double and/or triple superphosphate		•
	(g) Muriate of potash and/or sulphate of potash		•
	(h) Potassium nitrate		, , , ,
	(i) Ammonium phosphates (MAP and/or DAP)	•	, , , ,
	(j) All other manufactured fertiliser (including specialised blends)	•	•
	(k) Animal manure	•	•
36	Which of the following methods do you use to dec fertiliser to apply?	ide how much	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		

• Stock belonging to the holding, but

temporarily on another holding at

**Excluding** 

### Part 12 – Ownership and agistment of livestock

• All livestock, regardless of ownership,

present on the holding at 30 June 2010

Including

• A	including those agisted on this holding) All livestock which belong on this holding but were temporarily absent on tock routes or in transit at 30 June 2010  30 June 2010  Stock owned by you on someone else'	you and <b>sharefarmed</b> s land
37	Did you have livestock on the holding in the year ended 30 June 2010?  No Go to Question 41  Yes	<ul> <li>(c) Sheep and lambs</li> <li>(i) Breeding ewes, 1 year or over (including maiden ewes intended for breeding)</li> </ul> Number
38	Did you have any hen egg production for human consumption between 1 July 2009 and 30 June 2010?  No Yes  Dozens	<ul> <li>Pure bred Merinos</li> <li>All other breeding ewes</li> <li>(ii) All other sheep (including rams,</li> </ul>
39	Did you mark any lambs between 1 July 2009 and 30 June 2010?  No Yes  Number	marked lambs, wethers, hoggets and non-breeding ewes)  (d) Live poultry
40	Number of livestock on holding at 30 June 2010  (a) Dairy cattle  Excluding  • Dairy cattle intended for beef production (report in Question 40(b))	(i) Layers (including hens in moult)  (ii) Meat chickens
	(i) Cows in milk and dry  (ii) Heifers 1 to 2 years  (iii) Heifers over 2 years  (iv) Other dairy cattle  (bulls, steers, calves)  (b) Meat cattle	(iii) All other poultry  (e) Pigs  (i) Breeding sows   (excluding unmated gilts),  (ii) All other pigs (boars, gilts, suckers, weaners, growers and finishers),
	<ul> <li>Including</li> <li>Dairy cattle intended for beef production</li> <li>(i) Cows and heifers <ul> <li>1 year and over</li> <li>(ii) All other meat cattle</li> <li>(bulls, steers, calves)</li> </ul> </li> </ul>	(f) Goats (excluding unmanaged feral goats) , , , , , , , , , , , , , , , , , , ,

### 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 <u>land prepared for pastures</u> between
	1 July 2009 and 30 June 2010, using the following:
	<ul> <li>Note</li> <li>Cultivation includes discing, ploughing, scarifying and harrowing etc.</li> <li>Include each area only once.</li> <li>Pasture Hectares</li> </ul>
	(a) No cultivation (apart from herbicide spraying or sowing)
	(b) One or two cultivations only
	(c) Three or more cultivations, , , ,
42	
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
	(a) Visual estimates (either in passing or more careful inspection but without any formal processes)
	(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)
	(c) Photo monitoring standards (i.e. comparison with photos of known ground cover levels or photos at a fixed point over time)
	(d) Counting the number of plants within a defined area
	(e) Satellite imagery and remote sensing
	(f) Other
	(g) None
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 \( \frac{\pi}{\pi} \)

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46	Please show the approximate period and area when your pasture ground cover was less than your target	Hectares
	(a) Less than 2 months	• 0
	(b) 2 to 4 months	• (
	(c) More than 4 months	• (
47	On average, what percentage of your pastures are spelled (rested) every wet season (northern Australia) or break of season/Autumn break (southern Australia)?	%
48	Did you graze stock on pasture and/or crops (including crop stubble) on your holding between 1 July 2009 and 30 June 2010?	
	No Go to Question <b>50</b> Yes	
49	On average, how often do you calculate a forage or pasture budget for you	r stock?
	<ul><li>Note</li><li>Forage budget is the tool to manage the balance between forage demand and forage supply.</li></ul>	Tick one box only
	(a) Never	
	(b) Annually	
	(c) Quarterly	
	(d) Monthly	
	(e) Weekly or more regularly	
Pa	rt 14 – Protecting the natural environment for conservation purp	oses
• I i i i i i i i i i i i i i i i i i i	Finition  Native vegetation includes trees (shrubs, saplings and scrub) and understorey plants including grasses and herbs native to your district.  Protecting native vegetation includes control or exclusion of stock access, managing eveds and pests, ensuring vegetation is not cleared, wetlands are not drained ritificially, planting or seeding of native vegetation.  Conservation includes protecting diversity; reducing wind, water and stream erosion; improving water quality; flood control; management of beneficial insects and birds.	
	cluding Remnant, regenerated or planted native vegetation	
50	Approximately what area of native vegetation did you have on your holding	at 30 June 2010?
	None Go to Question 54	
	Area , ha	
	Don't know	

31	for conservation purposes at 30 June 2010?	
	None Go to Question 53	
	Area , ha	
	Don't know	
52	Which of the following activities did you undertake to  Please tick all	
	protect native vegetation for conservation purposes on your holding between 1 July 2009 and 30 June 2010?  Hectares	
	(a) Total livestock exclusion	• 0
	(b) Controlled livestock access	• 0
	(c) Planted and/or seeded native vegetation	• 0
	(d) Managed weeds , , ,	• 0
		• 0
	(e) Managed pests and/or feral animals	• 0
	(f) Retained existing native vegetation	
	(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 <u>native vegetation</u> ?	
	None	
	Area, , , , , , , , , , , , , , , , ,	
	Don't know	
54	Did you have any wetlands on your holding between 1 July 2009 and 30 June 2010?	
	<ul> <li>Including</li> <li>Natural lakes, swamps, marshes or bogs, including those that are currently dry</li> <li>Excluding</li> <li>Dams</li> <li>Rivers and streams</li> </ul>	
	No Go to Question 57	
	Yes Approximately how many hectares do these	• 0
	wetlands cover?	
55	What area of wetland on your holding was protected for <u>conservation</u> <u>purposes</u> at 30 June 2010?	
	None Go to Question 57	
	Area , ha	
	Don't know	

56	tect wetlands for conservation purposes on your ding between 1 July 2009 and 30 June 2010?  Please tick a 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?		)
	<ul><li>Including</li><li>Rivers or creeks that are currently dry</li><li>Rivers or creeks that are part of your holding's boundary</li></ul>		
	No Go to Question 60		
58	Yes Approximately what area of river or creek banks on your l	holding was	
	protected for conservation purposes at 30 June 2010?	ioiumg wus	
	None Go to Question 60		
	Area 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

<b>60</b>	Did you have a conservation agreement covering any part of your holding	5
	s at 30 June 2010?	

	<ul> <li>Note</li> <li>A conservation agreement is an agreement between a landowner and an author body to help the landowner protect and manage the vegetation on their property</li> </ul>						
	No Go to Question <b>62</b>						
	Yes Please specify area , , had be a had						
61	How many years is this agreement for?						
	<ul><li>Note</li><li>The period of the agreement should be the total period from the beginning of the agreement.</li></ul>						
	Years or In perpetuity		1				
62	Did you plant or sow any trees or shrubs on this property between 1 July 2009 and 30 June 2010?	en	. )				
	<ul><li>Excluding</li><li>Fruit and nut trees and garden trand shrubs</li></ul>	rees					
	No Go to Question 64						
	Yes						
63	Trees and shrubs planted or sown between 1 July 2009 and 30 June 2010						
	<ul> <li>Note</li> <li>Report each planting only once.</li> <li>Classify multi-purpose plantings to their major purpose.</li> <li>Classify each separate planting to its major purpose.</li> <li>If trees are protected by fencing, report enclosed area.</li> <li>Estimate if unknown.</li> </ul>						
		Seedlings Hectares		Seed sown Hectares			
	(a) Timber and wood pulp production	,	• 0				
	(b) Nature conservation (e.g. wildlife habitat)	,	• 0	,	• [		
	(c) Enhanced production (e.g. shade, windbreaks, shelter belts)	,	• 0	,	• 0		
	(d) Fodder and plant products (e.g. bush foods, oils, flowers and honey)	,	• 0	,	• 0		
	(e) Protection of land and water (e.g. control of land degradation and water quality protection)	2	• 0	,	• 0		
	(f) All other plantings		• 0		• 0		

64 Did you use water for agricultural production (including for livestock

and viticulture) between 1 July 2009 and 30 June 2010?

### Part 15 – Water use

	No Yes		Go to Question <b>67</b>				
65	Wate		sed for agricultural production on your holding betw 009 and 30 June 2010	veen			
	sea • W	here ason here	e any area of pasture or crop was watered more than once during the a, show this area only once.  e two or more crops have been grown on the same area during the year watered should be shown for each crop.		Please com	plete both columns	
	(a) I	Past	ure and crops for grazing, hay and silage		watered	Volume appl Megalitres (estimate if unk	S
	(		Pastures (including lucerne) and cereal crops used for grazing or fed off	,		,	•
	(		Pastures (including lucerne) and cereal crops cut for hay			,	•
	(		Pastures (including lucerne) and cereal crops cut for silage	),	•	,	•
	(b) (	Crop	ps				
	(	(i)	Rice	,	•		•
	(	(ii)	Other cereals for grain or seed (e.g. wheat, oats, maize)	,	•	,	•
	(	(iii)	Cotton	,	•	,	•
	(	(iv)	Sugar cane	П	•		•
			Other broadacre crops (e.g. canola, field beans, lupins, sunflowers, poppies)	,	•		•
	(	(vi)	Fruit trees, nut trees, plantation or berry fruits	,	•	,	•
	(	(vii)	Vegetables for human consumption	,	•	, , ,	•
	(	(viii)	)Nurseries, cut flowers and cultivated turf	,	•	2	•
	(	(ix)	Grapevines	,	•	2	•
	(	(x)	Other crops (please specify in BLOCK letters)				
				,	•	,	•
			er agricultural water e.g. <b>livestock</b> drinking water, dairy iggery cleaning etc. (please specify in BLOCK letters)				
						,	•

20

# What were the sources of the water used for agricultural production on your holding between 1 July 2009 and 30 June 2010?

	• 1 i • 1 i • 1 i	megalitre = 1,000 kilolitres. megalitre = 219,969 gallons. megalitre = 1,000,000 litres. megalitre = 1.23 acre feet. o convert gallons to litres, multiply gallons by 4.55. ease report part megalitres.	Please tick that appl	<b>V</b> /	Total volu Megalitr timate if un	es
		Water supplied by government or private irrigation schemes (excluding re-use schemes)			ļ	•
	(b) (	Groundwater (e.g. bores, springs, wells)			,	•
		Surface water taken from tanks, dams, rivers, lakes, etc. excluding water from government or private irrigation sche	emes)			•
		Recycled/re-used water from off-farm sources (e.g. re-use schemes, mines, etc.)	📮			•
	(e) T	Fown or country reticulated mains supply			,	•
		Other sources (please specify in BLOCK letters)				
			J n			•
Pai	rt 16	– Seasonal conditions				
67		ch of the following adverse seasonal conditions did you on his holding between 1 July 2009 and 30 June 2010?	experience	Please that a		
	(a) I	Drought				
	(b) S	Severe frosts				
	(c) I	Hail and/or severe storms (including cyclones)				
	(d) I	Flooding (including excessive water logging)				
	(e) I	Bushfires				
	(f) I	increase in seasonal variability (i.e. changes in average temp	perature, rain	fall etc.)		
	(g) 1	None of the above Go to Question 70				
68	antic	ch of the following responses have <u>been effective</u> (or you cipate will be effective) in dealing with these adverse onal conditions?	ı	Please t	ick all that ap	oply effective
		Livestock – related				partially ctive
	(	i) De-stocking (include reducing stock numbers, agisting elsewhere, selling stock earlier)			[	
	(	ii) Buy in and/or use on-farm fodder reserves		🔲		
	(	iii) Modify livestock program (include changing flock strubreeding program, changing stock type)				
	(	iv) Change necture enecies				

<b>8</b>	Which of the following responses have <u>been effective</u> (or you anticipate will be effective) in dealing with these adverse seasonal conditions? – (continued)			Please tick all that apply				
				Effective		Not yet effectiv or only partially		
	(b)	<b>Cropping and/or planting</b> (cereal/grain/fodder crops and annual/perennial horticulture)		Litectiv			ffective	
		(i) Change area of crop/plants sown and/or harvested						
		(ii) Modify cropping/planting program (modifying rotation praction 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, 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 wa	ter)					
		(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 upgrade new technology)			••••			
		Were any of the above selected in 68(c) in response to reduced wa	ter alloc	eation?				
		No						
		Yes						
	(d)	Financial activities						
		(i) Undertake debt restructuring						
		(ii) Utilise Farm Management Deposits						
		(iii) Utilise other financial reserves and/or increase business liability						
		(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		
Pai	rt 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			
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?				
	(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))	Please tick all that apply			
	(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.)					
(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?				
	<ul> <li>Including</li> <li>All employees for whom PAYE tax is deducted</li> <li>Contract staff working on this holding</li> </ul> Excluding <ul> <li>Working proprietors and partners</li> <li>Non-salaried directors</li> </ul>				
	No Go to Question <b>80</b> Yes				

### 79 Please estimate the number of person days worked by season

	<ul> <li>Note</li> <li>For this exercise, one person day equals 8 hours     For example: <ul> <li>1 person working 8 hours a day = 1 person day</li> <li>1 person working 1 hour a day for 8 days = 1 person day</li> <li>8 people working 1 hour each = 1 person day</li> <li>If exact figures are not available, please provide careful estimates</li> </ul> </li> </ul>				
		Casual Person days	Permanent Person days		ract staf son days
	(a) Winter 2009	,	2		,
	(b) Spring 2009	,	,		,
	(c) Summer 2009-10		,		,
	(d) Autumn 2010		<b>\</b> ,		,
Pa	rt 18 – Future intentions				
80	Does this business intend to operate an agricultural pro	operty in the futu	re?		
	No				
	Yes				
	Don't know				
Pa	rt 19 – Comments and time taken				
81	Please provide comments				
	<ul> <li>on any information you have supplied on this form (e.g unusual movements or other factors) (please use BLOC</li> </ul>				
	<ul> <li>on any difficulties you had providing the requested info suggested improvements to this form (please use BLOC</li> </ul>				
82	Please provide an estimate of the time taken to complete	te this form			
	<ul><li>Including</li><li>The time actually spent reading the</li></ul>				
	instructions, working on the questions and obtaining the information			hrs	mins
	The time spent by all employees in collecting and providing this information			7110	