

Agricultural Resource Management Survey 2009-10

istics	
In correspondence, please quote this number	Australian Business Number
Purpose of Collection This survey will collect information on agricultural prod throughout Australia and its contribution to the national eco as well as the management practices being adopted by Australmers.	onomy,
Collection Authority The information asked for is collected under the authority Census and Statistics Act 1905. Your co-operation is sour completing and returning this form by the due date. The Act prime with the power, if needed, to direct you to provide the information sought. Confidentiality Your completed form remains confidential to the Australian II	ight in covides mation
of Statistics (ABS). Statistics will only be published in the for aggregated data. Some very detailed statistics could relate to date single holding. Respondents who can show that their holding related in the detailed statistics published by the ABS can agree the ABS to further aggregate the data to avoid such identificate. Due Date Please complete this form and return it in the reply paid enveloped the Australian Bureau of Statistics by	Telephone: 1800 647 011 Freecall (excluding mobile phones) Facsimile: 1300 303 813 Write to: Australian Bureau
or within 14 days of receipt. Brian Pink Australian Statistician we should contact if any quer es arise regarding this form Name Telep	phone Number
Name Mo	bile Number

Person

First

Last

Signature

Facsimile Number

Date

	2		ACS
•]	equipment. Use only black ball point pen when completing this form. Please report area figures in whole numbers except where instructed otherwise, for example 32 0 or 58 7 Keep each number, letter or tick within the data entry boxes provided, for example SYDNEY or Do not use 'nil', 'n/a' or draw a line in the data	• Leave answer boxes blank where yeresponse or data to enter. Write zereporting a complete crop failure. • If a mistake is made, cross out the and either write the answer in the for example Wheat for grain	incorrect answer remaining boxes, 3 86 0 e next to the
•	You will need to report an estimate of time taken when you have completed this form.	are examples and should not be tall complete list of items to be include	ken as a
	 t 1 – Business details Did the business listed on the front of this form ow an agricultural property between 1 July 2009 and Definition Investor - only financial interest in Agriculture - does not op business in their own right. (a) Yes - own and/or operate only	any farming Tick one box only	Go to Question 2 Go to Question 2 Go to Question 80
2	(d) No - invest only (e) No - did not own and/or operate What additional Australian Business Numbers (Alfor the operations of this agricultural business?		Go to Question 80 Go to Question 80
		on front of form blely for financial reasons	

Companies	
No other ABNs	Go to Question 3
Australian Business Number (ABN)	
Australian Business Number (ABN)	
Australian Rusiness Number (ARN)	

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

A.	0	4	0

- 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							
1							
Road/street number							
Road/street name							
Road/street name							
Suburb, property				T			
11:4							
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

	r		nectai	es
(a)	Land owned and operated by this b	pusiness	. , ,	•
				•
Ì		business		•
(d)	Other (please specify in BLOCK le	etters)		
				•

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

-	6			ACS	S
Pa	t 4 – Production of hay and silage				
8	Did you produce or sell any hay or silage between 1 Jul	y 2009 and 30 Jun	ne 2010?		
	No Go to Question 10 Yes				
9	Production of hay and silage between 1 July 2009 and 3	30 June 2010			
	 Note If cut for hay more than once, include area once only, but show tota A small rectangle bale weighs approximately 25 kg. A large round bale weighs approximately 500 kg. 	al production.	T	atal madvation	
		Hectares	10	otal production Tonnes	.1
	(a) Pasture cut for hay		0		• 0
	(b) Cereal cut for hay		• 0	,	• 0
	(c) Other crops cut for hay (including vetches)	[1]	•0	,	• 0
	(d) Hay sold		[, , , , , ,	• 0
	(e) Pasture and cereal cut for silage		• 0	,	• 0
Pa	rt 5 – Nurseries, cut flowers and cultivated turf				
10	Did you grow (or grow-on) any nursery produce, cut flo between 1 July 2009 and 30 June 2010?	owers or cultivate	d turf		
	No Go to Question 12 Yes				
11	Total area of nurseries, cut flowers or cultivated turf				
	hydroponics), cold frames, cloth houses and lath houses • ha	0,000 square metres = a = hectares. 2 = square metres.	1 hectare.		
	IncludingAll areas used for propagation	Undercover		Outdoor	
	(a) Nurseries	, , , , , , , , , , , , , , , , , , , ,	m ²	•	ha
	(b) Cut flowers	, , ,	m ²	•	ha
	(c) Cultivated turf			•	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

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

Note

 Complete failure of any crop should be noted by '0 the Total production column, but the area of the cr that failed should still be shown. Where two or more crops of vegetables have been g on the same area during the year, the area should be shown for each crop. Where harvest is not yet complete or actual production weight unknown, please estimate production. 	hectare.			
IncludingThe area of vegetables that failed completely, or were not harvested for other reasons	Area sown	Total _I	production	
(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 ²	, , 0	kg
(f) All other vegetables for human consumpti	on •	ha		
Orchard fruit and nuts intended for sale – g	grown between 1	July 2009 and	d 30 June 2010	
NoteShow production in terms of fresh weight.				
IncludingSales to processors				
	Trees under 6 years Number	Trees 6 years and over Number	Total production Kilograms	
(a) Apples		, , ,	, , , , , , , , , , , , , , , , , , , ,	
(b) Pears (including Nashi)		, , ,	, , , , , ,	
(c) Oranges	, , , , , , , , , , , , , , , , , , , ,			
(d) Mandarins			, , , , , , , ,	0
(e) Peaches, fresh market and processing	, , , , , , , , , , , , , , , , , , , ,	,	, , , , , , , , , , , , , , , , , , , ,	0
(f) Mangoes	, , , , , , , ,	,	, , , , ,	0
(g) Macadamias	, , ,	, ,	, , , , ,	0
(h) All other orchard fruit and/or nuts				

15	Total area of orchard fruit trees an	d nut trees at 30	June 2	2010							
	Note • Where trees are not grown in a defined or	NoteWhere trees are not grown in a defined orchard, please estimate area.									
	Excluding • Grapes, plantation fruit and berry fruit • 0 h								ha		
16	Other fruit intended for sale – grow	vn between 1 Jul	ly 2009	and 30	June	201	0				
	IncludingSales to processors							T	atal		
		Area not yet bearin Hectares	ng A	Area of be Hect	_	g age		prod	otal uction eight		
	(a) Bananas	•		,					,		t
	(b) Grapes	•		,			,	Ш	,		t
	(c) Strawberries	,		,		•	,		,		kg
	(d) All other fruit	•],		•					
17	Which of the following practices dic cover levels in between your main had July 2009 and 30 June 2010?		•					se tick a			
	(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	en 1 July 2009 a	nd 30 J	June 201	0?						
	IncludingWheat grain used for stock feed and/or crop production	Excluding • Barley, other gr	ains and	pulses							
	No Go to Question 20										
	Yes										
19	Total wheat grain used		То	onnes							
	(a) Milling grade			,	•	0					
	(b) Feed grade			\Box	•	0					

Part 8 – Wheat storage

20	O Did you have <u>any</u> 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		
	(i) Milling grade		
	(ii) Feed grade		
	(ii) I ced grade		
Pa	rt 9 – Land preparation for crops and horticulture		
	cluding Excluding		
• (Cover crops in permanent plantings (e.g. vines and orchards) • 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 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. Hectares		
	(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		

25	Please show the approximate period and area where your 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?	
	NoteInclude 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
	(f) Stubble or trash was mulched, i.e. spread on surface	• 0
27	Do you include a pasture phase in your cropping rotation?	
	Yes Please specify the average length of pasture phase Years	
28	Did you use controlled traffic farming on your holding between 1 July 2009 a	and 30 June 2010?
	 Note 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. 	
	 Including Permanent beds Excluding The movement of livestock on laneways 	
	No Ves Please specify area , , has been been been been been been been bee	

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	• 0
	(b) Dolomite , , , , 0	• 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	
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	

12

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		Tonnes applied	
	Hectares		
(a) Urea	•		
(b) Ammonium sulphate	· · · · · · · · · · · · · · · · · · ·		
(c) Urea ammonium nitrate (Flexi-N, Easy-N)			
(d) Anhydrous ammonia			
(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	•	•	
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			

Excluding

Part 12 – Ownership and agistment of livestock

Including

present on the holding at 30 June 2010 temporarily on a (including those agisted on this holding) 30 June 2010	to the holding, but nother holding at you and sharefarmed 's land
 37 Did you have livestock on the holding in the year ended 30 June 2010? No Go to Question 41 Yes 38 Did you have any hen egg production for human consumption between 1 July 2009 and 30 June 2010? No 	(c) Sheep and lambs (i) Breeding ewes, 1 year or over (including maiden ewes intended for breeding) Number - Pure bred Merinos - All other breeding ewes,
Yes Dozens 39 Did you mark any lambs between 1 July 2009 and 30 June 2010? No Yes Number	(ii) All other sheep (including rams, marked lambs, wethers, hoggets and non-breeding ewes) (d) Live poultry (i) Layers (including
 Number of livestock on holding at 30 June 2010 (a) Dairy cattle Excluding Dairy cattle intended for beef production (report in Question 40(b)) Number 	hens in moult) (ii) Meat chickens (iii) All other poultry
(ii) 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	(e) Pigs (i) Breeding sows (excluding unmated gilts), (ii) All other pigs (boars, gilts, suckers, weaners, growers and finishers),
Including • Dairy cattle intended for beef production (i) Cows and heifers 1 year and over (ii) All other meat cattle (bulls, steers, calves)	 (f) Goats (excluding unmanaged feral goats) (g) All other livestock (e.g. horses, domesticated buffaloes),

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:
	 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)
	(b) One or two cultivations only
	(c) Three or more cultivations
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). %
14	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)
	(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 %

46	Please show the approximate period and area when your pasture ground cover was less than your target	Hectares
	(a) Less than 2 months	, , , , , ,
	(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 50	
	Yes	
49	On average, how often do you calculate a forage or pasture budget for y	your stock?
	NoteForage budget is the tool to manage the balance between forage demand and forage supply.	Tick one box only
	(a) Never	
	(b) Annually	
	(c) Quarterly	
	(d) Monthly	
	(e) Weekly or more regularly	
Pai	rt 14 – Protecting the natural environment for conservation pu	irnoses
		Poses
• 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 eveeds and pests, ensuring vegetation is not cleared, wetlands are not drained	
• (rtificially, planting or seeding of native vegetation. Conservation includes protecting diversity; reducing wind, water and stream erosion; mproving water quality; flood control; management of beneficial insects and birds.	
	Eluding Remnant, regenerated or planted native vegetation	
50	Approximately what area of native vegetation did you have on your hold	ling at 30 June 2010?
	None Go to Question 54	
	Area • 0 ha	
	Don't know	

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 , 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 , , 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 Hectares	
	Yes Approximately how many hectares do these wetlands cover? ,	• 0
	Don't know	
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	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	🗆	,
	(g) Maintained water in wetlands		
	(h) Other	🗆	, , , 0
57	Do you have any rivers or creeks on your holding?		
	IncludingRivers or creeks that are currently dryRivers 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 hard protected for conservation purposes at 30 June 2010?	n <mark>oldin</mark> g was	
	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	🗆	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	(e) Managed pests and/or feral animals		, , • 0
	(f) Retained existing native vegetation	🗆	, , , 0
	(g) Other		, , , 0

	18	ACS	-
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 , ha ha		
61	How many years is this agreement for?		
	NoteThe 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?		
	ExcludingFruit 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 Seed Hectares Hect		
	(a) Timber and wood pulp production		
	(b) Nature conservation (e.g. wildlife habitat),	• [0)
	(c) Enhanced production (e.g. shade, windbreaks, shelter belts)	• 0)
	(d) Fodder and plant products (e.g. bush foods, oils, flowers		

and honey)....

degradation and water quality protection)

(f) All other plantings

(e) Protection of land and water (e.g. control of land

Part 15 – Water use

64	Did you use water for agricultural production (including f and viticulture) between 1 July 2009 and 30 June 2010?	for livestock
	No Go to Question 67 Yes	
65	Water used for agricultural production on your holding be 1 July 2009 and 30 June 2010	petween
	 Note Where any area of pasture or crop was watered more than once during season, show this area only once. Where two or more crops have been grown on the same area during the the area watered should be shown for each crop. 	
	(a) Pasture and crops for grazing, hay and silage	Area watered Hectares Volume applied Megalitres (estimate if unknown)
	(i) Pastures (including lucerne) and cereal crops used for grazing or fed off	
	(ii) Pastures (including lucerne) and cereal crops cut for hay	
	(iii) Pastures (including lucerne) and cereal crops cut for silage	
	(b) Crops	
	(i) Rice	
	(iii) Cotton	
	(iv) Sugar cane	
	(v) 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	
	(ix) Grapevines	
	(x) Other crops (please specify in BLOCK letters)	
	(c) Other agricultural water e.g. livestock drinking water, day or piggery cleaning etc. (please specify in BLOCK letters	· ·
		•

20 ACS

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

	 Note 1 megalitre = 1,000 kilolitres. 1 megalitre = 219,969 gallons. 1 megalitre = 1,000,000 litres. 1 megalitre = 1.23 acre feet. To convert gallons to litres, multiply gallons by 4.55. Please report part megalitres. 	Please tick all that apply	ľ	otal volume Megalitres ate if unknown)
	(a) Water supplied by government or private irrigation schemes (excluding re-use schemes)			
	(b) Groundwater (e.g. bores, springs, wells)			•
	(c) Surface water taken from tanks, dams, rivers, lakes, etc. (excluding water from government or private irrigation schools)	emes)		<u></u>
	(d) Recycled/re-used water from off-farm sources (e.g. re-use schemes, mines, etc.)	🗆		
	(e) Town or country reticulated mains supply(f) Other sources (please specify in BLOCK letters)			,
				•
Pai	et 16 – Seasonal conditions	7		
57	Which of the following adverse seasonal conditions did you on this holding between 1 July 2009 and 30 June 2010?	experience	Please tick that appl	
	(a) Drought			
	(b) Severe frosts			
	(c) Hail and/or severe storms (including cyclones)			
	(d) Flooding (including excessive water logging)			
	(e) Bushfires			
	(f) Increase in seasonal variability (i.e. changes in average temp	perature, rainfall	etc.)	
	(g) None of the above Go to Question 70			
58	Which of the following responses have <u>been effective</u> (or you anticipate will be effective) in dealing with these adverse seasonal conditions?	1	Please tick	all that apply Not yet effective
	(a) Livestock – related		Effective	or only partially effective
	(i) De-stocking (include reducing stock numbers, agisting elsewhere, selling stock earlier)		<u> </u>	
	(ii) Buy in and/or use on-farm fodder reserves			
	(iii) Modify livestock program (include changing flock strubreeding program, changing stock type)		<u> </u>	
	(iv) Change pasture species			

68	anticipate will be effective) in dealing with these adverse			Please tick all that apply			
	seasonal conditions? – (continued)(b) Cropping and/or planting (cereal/grain/fodder crops and			Effectiv		Not yet effective or only partially effective	
			ual/perennial horticulture) Change area of crop/plants sown and/or harvested				
				•••	••• •••	🗀	
		(11)	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)	Wa	ter – 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)		• • • • • •	🔲	
		Wei	re any of the above selected in 68(c) in response to reduced water al	llocation?			
		No					
		Yes					
	(d)	Fin	ancial activities				
	(-)	(i)	Undertake debt restructuring				
		(ii)	Utilise Farm Management Deposits				
		` /	Utilise other financial reserves and/or increase business liabilities				
		(111)	(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						
I al	Turn management	Tick one					
70	In relation to this business are you the:	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/shi (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?				
	(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.)				
	(g) Agri-businesses (e.g. fertiliser/stock agents etc.)				
	(h) Accountants or rural financial counsellors				
	(i) Private agronomists/consultants				
78	(j) Other farmers				
	Including Excluding				
	 All employees for whom PAYE tax is deducted Contract staff working on this holding Working proprietors and partners Non-salaried directors 				
	No Go to Question 80 Yes				

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ACS

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		ract staf son days
	(a) Winter 2009				,
	(b) Spring 2009	2			,
	(c) Summer 2009-10	, , ,			, , ,
	(d) Autumn 2010				2
Par	et 18 – Future intentions				
80	Does this business intend to operate an agricultural pr	operty in the futu	ire?		
	No				
Par	et 19 – Comments and time taken				
81	Please provide comments				
	 on any information you have supplied on this form (e.g unusual movements or other factors) (please use BLOC 				
	 on any difficulties you had providing the requested info suggested improvements to this form (please use BLOC 				
82	Please provide an estimate of the time taken to comple	te 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 		h	rs	mins