Rural Environment and Agricultural Commodities Survey 2016-17

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Purpose of Collection

This survey collects data on Australian agricultural production and land management. The information measures agriculture's contribution to the national economy and informs policy development.

Collection Authority

The information asked for is collected under the authority of the *Census and Statistics Act 1905*. Your cooperation 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 and personal information remain 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.

Person we should contact if any queries arise regarding this form

Australian Statistician

Australian Statistician

Help available

Telephone: 1800 647 011
Freecall (excluding mobile phones)

Write to: Australian Bureau of Statistics Reply Paid 76746 Sydney NSW 2000



First Name	Date	/ /
Last Name	Telephone Number	
Signature	Mobile Number	

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

3 2 · 0 or 5 8	•	7
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• Keep each number, letter or tick within the data entry boxes provided, for example

SYDN	ΕΥ	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.

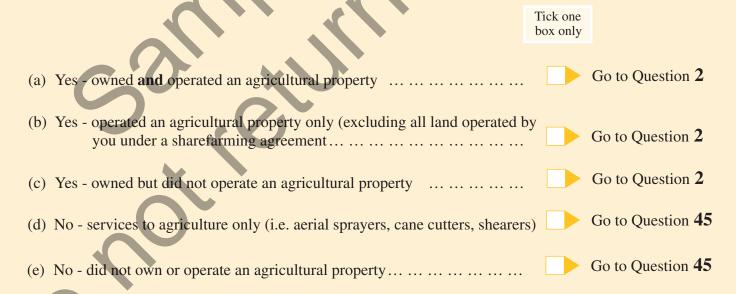
- Leave answer boxes blank where you have no response or data to enter. Write zero ('0') only when reporting a complete crop failure.
- If a mistake is made, cross out the incorrect answer and either write the answer in the remaining boxes for example

101 example				
Wheat for grain	7	3,	86	0
or if not enough space is left, w	rite	nex	t to the	
relevant item, for example			X	
Wheat for grain		E	42	0

• 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 Between 1 July 2016 and 30 June 2017, did the business registered to the Australian Business Number (ABN) on the front of this form own and/or operate an agricultural property?



$Part\ 1-Business\ details-(continued)$

2	In addition to the ABN listed on the front of this form, please report any
	additional ABNs which could be used to report for the operations of this
	agricultural husiness

agricultural business		
Note • Please attach a list if you ne	eed to report more than three ABNs.	
 Including Sole trader (individual) AB Trusts (e.g. family, service) Partnerships Companies 		
No other ABNs	Go to Question 3	
Australian Business Numb	per (ABN)	
Australian Business Numb	per (ABN)	
Australian Business Numb	per (ABN)	
Part 2 – Land details		
registered to the ABN listed on the	s a particular shire/property, please report the	
3 Where is the business's n	nain agricultural property located?	
shire, the main property is	yo or more separate agricultural properties within the same s the one with the largest area of holding.	
property in that shire.	ment area, municipality, council or district council.	
	l location of the property (not a post box address).	
		_
Property name		
Road/street number		
Road/street name		
Suburb, rural locality or town		
Shire		
State	Postcode	

Part 2 – Land details – (continued)

4 What were all the land parcels owned and/or operated by this business as at 30 June 2017?

	as at 30 June 2017?																	
	NoteProvide the property descripPlease attach a list if you ne							-	-		cal ado	dress.						
	IncludingAll land you leased or renteAll land worked for you byAll road permits				• A	other All la	nd leas person nd ope	s rateo	r rented I by yo reemen	u und		•					?	5
	Example	D	1 2	2 3	4 :	5 /	A 1	2	3							X		
	Example	L	0	t	1	Р	l a	n	1	2 3	3 4	5 6	6 A	C				
	Property description					L						N						
	Property description				C	2,							•		4			
	Property description						H		×					<u> </u>	_	+	<u> </u>	
	Property description			Y		_												Ш
5	Area of holding as at 30 J	un	e 20	17	•	•		\	•									
	 Note Please report part hectare To convert acres to hectares If exact figures are not avail 	, div					eful est	imat	es.									
	IncludingAll land you leased or renteAll land worked for you byAll road permits				• A • A • A	other All la sharef	nd leas person nd ope farming	s ratec g agi	or rented I by you reement or sold	u und t	ler a							
															(]	Area Hectare	s)	
	(a) Land owned and opera	ted	by 1	his	busin	iess		•••					••		,	,	Ш	•
	(b) Crown land leased to t	his	busi	ness	S			•••							,	,		•
	(c) Other land leased or re	nte	d to	this	busi	ness		•••							,	,		•
	(d) Other (please specify i	n B	SLO	CK I	letter	s)												

Part 2 – Land details – (continued)

6 For the period 1 July 2016 to 30 June 2017, please provide a breakdown of the total area of this holding according to the main use of land

 Please report part hectares. To convert acres to hectares, divide acres by 2.47. If exact figures are not available, please provide careful estimates. 	C
 Including All land you leased or rented from others All land worked for you by sharefarmers All road permits Excluding All land leased or rent other persons All land operated by y sharefarming agreeme All land vacated, lease 	ou under a
Land not used for agricultural production	Area (Hectares)
(a) Land set aside for conservation/protection purposes (include that is largely unmodified and managed to preserve its conservation).	ondition)
(b) Other areas not used for agricultural production (including and buildings, service and access areas, water bodies and agriculturally unproductive or inaccessible areas)	
Land mainly used for agricultural production	
(c) Land mainly used for crops (including vegetables, fruit, sugar cane, grapevines, nurseries and land left fallow bet	
(d) Land mainly used for grazing (including land spelled (rested) between stock rotations)	
(i) Grazing on improved pastures	·
(ii) Grazing on other land (including natural pastures/grarangelands, woodland/shrubland, forested areas and	sslands, swamps/wetland)
(e) Land mainly used for forestry plantation	
(i) Plantation forest	
(ii) Native forest	
(f) Land mainly used for other agricultural purposes	
(including feedlots, piggery and poultry sheds)	

Part 2 – Land details – (continued)

7	For the period 1 July 2016 to 30 June 2017, please agricultural land sold, leased out or vacated	report details of any	
	No land sold, leased out or vacated Go to Q	puestion 8	
	Use of land after sold, leased out or vacated		Area of land
	Please tick all that apply	Area of land sold (Hectares)	leased out or vacated (Hectares)
	(a) Continued agricultural use		
	(b) Urban development		
	(c) Mining), , , x · \	
	(d) Other/unknown		

Part 3 – Livestock

8	Between 1 July 2016 and 30 June 2017	, did this business have any livestock o	n this holding?
	IncludingLivestock owned by this businessLivestock agisted on this holdingBeehives for commercial use	 Excluding Livestock for own domestic use Livestock agisted on other holdings 	
	No Go to Question 12 Yes		
9	Livestock on this holding as at 30 June 2	017	
	 Including All livestock, regardless of ownership, present on this holding as at 30 June 2017 (including those agisted on this holding) All livestock which belong on this holding but were temporarily absent on stock routes or in transit as at 30 June 2017 	 Excluding Stock belonging to this holding but temporarily on another holding as at 30 June 2017 Stock owned by you and sharefarmed on someone else's land Livestock for own domestic use 	3
	Dairy cattle on holding as at 30 June 2	017	
		Excluding • Dairy cattle for beef production	
		Daily caute for occi production	Number
	(a) Cows in milk and dry		
	(b) Calves less than 1 year		
	(c) Heifers 1 to 2 years		
	(d) Heifers over 2 years		
	(e) All other dairy cattle (bulls, steers)		
	(f) Total dairy cattle (sum of (a), (b), (c	c), (d) and (e))	
	Meat cattle on holding as at 30 June 20	017	
	IncludingDairy cattle for beef production		
			Number
V	(g) Calves less than 1 year		
	(h) Cows and heifers, 1 year and over		
	(i) All other meat cattle (bulls, steers)		

(j) Total meat cattle (sum of (g), (h) and (i))

Part 3 – Livestock – (continued)

Livestock on this holding as at 30 June 2017 – (continued)	
Sheep and lambs on holding as at 30 June 2017	Number
(k) Marked lambs less than 1 year	
(l) Breeding ewes, 1 year or over (including maiden ewes intended for breeding)	C
(i) Pure merino ewes	
(ii) All other breeds (including dual purpose, Dohnes, SAMMs and cross breeds)	
(m) All other sheep (including rams, wethers, hoggets and non-breeding ewes)	
(n) Total sheep and lambs (sum of (k), (l) and (m))	,
Pigs on holding as at 30 June 2017	
	Number
(o) Breeding sows (excluding unmated gilts)	,
(p) All other pigs (including boars, gilts, suckers, weaners, growers and finishers)	,
(q) Total pigs (sum of (o) and (p)) Live poultry on holding as at 30 June 2017	,
Definitions	
Meat chickens - including replacement stock and breeders	
Layers - including hens in moult, excluding replacement stock, breeders, pullets	
 and meat chickens All other chickens - including pullets, replacement stock, breeders, excluding meat 	
chickens	
All other poultry - excluding chickens, including geese, ducks, turkeys, quail	NT 1
	Number
(r) Meat chickens	, , , , , , , , , , , , , , , , , , , ,
(s) Layers	
(t) All other chickens	, , , , , ,
(u) All other poultry	, , ,
(v) Total Poultry (sum of (r), (s), (t) and (u))	, ,

Part 3 – Livestock – (continued)

ivestock on this hol	lding as at 30 June 20	017 – (continue	d)	
ll other livestock o	on holding as at 30 J	une 2017		
Including				
 Beehives for comme report number of hiv 	· •			
 Worm farms for com- report number of bin 				
report number of bin	18			

	 Beehives for commercial use, please report number of hives Worm farms for commercial use, please report number of bins 		C
	(w) All other livestock (e.g. horses, goats, beehives, domesticated buffaloes) . (please specify in BLOCK letters)		Number
10	For the period 1 July 2016 to 30 June 2017, please report details of lambing on this holding	0	Number
	(a) Lambs marked (i) Pure merino lambs		,
	(b) Ewes mated to produce lambs marked (i) To merino rams		
11	(ii) To all other rams (including dual purpose, Dohnes, SAMMS and cro For the period 1 July 2016 to 30 June 2017, please report details of commercial hen egg production for human consumption	ss viccus)	Dozens
	Total commercial hen egg production	🖳	,

Part 4 – Horticulture

13

12 Between 1 July 2016 and 30 June 2017 did this business have any horticultural crops?

 Including Vegetables intended for sale for human consumption Fruit and/or nuts intended for sale for human consumption Grapes intended for wine production, table and drying 	 Excluding Cereal crops Cotton Sugar cane Rice Other broadacre crops Nurseries, cut flowers and cultivate 	ed turf
No Go to Question 17		
Yes		
For the period 1 July 2016 to 30 June intended for sale for human consum		è vegetables
 Note Please report part hectares or square m Complete failure of any crop should be n column, but the area of the crops that fa Where two or more crops of vegetables ha during the year, the area should be reporte Where harvest is not yet complete or actual please estimate production. Undercover includes the use of greenhouse lath houses for growing. 	oted by '0' in the Total production niled should still be reported. In the production on the same area of the for each crop. In the production weight unknown, In the same area of the production weight unknown, In the same area of the production weight unknown, In the same area of the production weight unknown, In the same area of the production with the same area of the production of	• To convert acres to hectares, divide acres by 2.47. • ha = hectares. • m² = square metres. • 0.1 hectares = 1,000 square metres. • 1 hectare = 10,000 square metres. • t = tonnes. • kg = kilograms. • 1 tonne = 1,000 kilograms.
 Including The area of vegetables that failed completely, or were not harvested for other reasons Undercover and outdoor production 		
3 4 6	Area sown	Total production
(a) Beans (including french and runner	r beans) • •	ha 0 k
(b) Broccoli		ha , , 0 kg
(c) Brussels sprouts		ha , , 0 kg
(d) Cabbages		ha • 0 t
(e) Capsicums (excluding chillies)		
– outdoor (excluding covered field)	ha 0 kg
 undercover (including hydroponic glasshouses and covered field) 		m^2 , , 0 k_3
(f) Carrots		ha • 0 t

Part 4 – Horticulture – (continued)

13 For the period 1 July 2016 to 30 June 2017, please report details of vegetables intended for sale for human consumption on this holding -(continued)

		Area sown		Total production		
(g)	Cauliflowers	•	ha	,	0	t
(h)	Lettuces					
	outdoor (excluding covered field)	,	ha ,	, ,	0	kg
	undercover (including hydroponics, glasshouses and covered field)		m^2		0	kg
(i)	Melons (including rock, bitter and water)		ha		0	t
(j)	Mushrooms		m ²	7 ,	0	kg
(k)	Onions	,	ha	•	0	t
	Peas					
(-)	green processing (shelled weight)		ha	<u> </u>	0	kg
	- fresh market (pod weight)		ha ,	<u> </u>	0	kg
(m)	Potatoes					
(111)	- processing		ha	•	0	t
	– fresh market		ha		0	t
	(0)		ha		0	t
(n)	Pumpkins (including butternut)	,]			
(o)	Sweet corn		ha		0	t
(p)	Tomatoes – processing	•	ha	, , , , , , , , , , , , , , , , , , , ,	0	t
(q)	Tomatoes – fresh market					
	– outdoor (excluding covered field)	•	ha		0	t
	undercover (including hydroponics, glasshouses and covered field)	•	m^2	<u> </u>	0	kg
(r)	All other vegetables intended for sale for human consumption	, .	ha			
	(please specify in BLOCK letters)					

$\boldsymbol{Part~4-Horticulture}-(continued)$

14 For the period 1 July 2016 to 30 June 2017, please report details of orchard fruit and tree nuts intended for sale on this holding

 Definition Bearing age – when trees or plants would normally be expected to produce a saleable harvest 		
 Note Complete failure of any crop should be noted by '0' in the Total production weight column, but the number of trees of bearing age that did not produce a saleable harvest are to be included in the Trees of bearing age. Where harvest is not yet complete, please estimate expected production. kg = kilograms. 1 tonne = 1,000 kilograms. 	7	
Including • Sales to processors		
Trees not yet of bearing age (Number) Trees of bearing age (Number) Total production fresh weight		
(a) Mandarins	, 0	kg
(b) Oranges	' [0]	kg
(please specify in BLOCK letters)		
Pome fruit (d) Apples, , , , , , , , , , , , , , , ,	0	kg
(e) Pears (including Nashi)	0	kg
(f) All other pome fruit (please specify in BLOCK letters)		
Stone fruit (g) Apricots , , , , , , , , , , , , , , , ,	0	kg
(h) Cherries	0	kg
(i) Nectarines	0	kg

Par	rt 4 – Horticulture – (con	ntinued)				
14	For the period 1 July 2016 to orchard fruit and tree nuts			ed)		
		Trees not yet of bearing age (Number)	Trees of bearing age (Number)	Total production fresh weight		
	Stone fruit – (continued)					
	(j) Peaches	, , ,	, ,		• 0	kg
	(k) All other stone fruit					
	(please report olives and avocados in					
	Other orchard fruit)	, ,				
	(please specify in BLOC	K letters)				
	Other orchard fruit					kc
	(1) Avocados		, ,	, ,		kg
	(m) Mangoes			, ,	• 0	kg
	(n) Olives			, ,	• 0	kg
	(o) All other orchard fruit					
	(please specify in BLOC	K letters)				
	Nuts				• 0	kg
	(p) Almonds (kernel weight)	,	2	, ,		Rε
	(q) Macadamias	, , , ,	, , , , , , , , , , , , , , , , , , , ,	, ,	• 0	kg
	(r) All other nuts (exclude peanuts, reported at Part 6)					
	(please specify in BLOC	K letters)				
15	Please report the total area as at 30 June 2017	of orchard fruit trees	and nut trees			
•	Note					
	Please report part hectares.Where trees are not grown in a	defined orchard, please esting	mate area.			
				Area		
				(Hectares)		

Orchard fruit trees and nut trees (excluding grapes, peanuts, plantation

fruit and berry fruit)

Part 4 – Horticulture – (continued)

Definition

16 For the period 1 July 2016 to 30 June 2017, please report details of grapes, berry, plantation and other fruit intended for sale on this holding

• Bearing age – when trees or plants would normally be expected to produce a saleable harvest

	 Note Please report part hectares. Complete failure of any crop should be noted by '0' in the Total production weight column, but the area of plants of bearing age that did not produce a saleable harvest are to be included in the Area of bearing age column. Where harvest is not yet complete, please estimate expected production. 	 To convert acres to 0.1 hectares = 1,00 1 hectare = 10,000 t = tonnes. kg = kilograms. 1 tonne = 1,000 ki 	square metres.	77.	
	IncludingSales to processors	<i>(</i>),,			
	Area not yet of bearing age (Hectares) Grapes	Area of bearing age (Hectares)	Total production fresh weight		
	(a) Grapes for wine production		, ,	• 0	t
	(b) Grapes for all other uses		, , ,	• 0	t
	Plantation and berry fruit (c) Bananas		, ,	• 0	t
	(d) Pineapples	<u> </u>	, ,	• 0	t
	(e) Strawberries	•	, , ,	• 0	kg
	Other fruit				
	(f) All other fruit not elsewhere reported				
	(please specify in BLOCK letters)				
Par	rt 5 – Nurseries, cut flowers and cultivated	l turf			
17	Between 1 July 2016 and 30 June 2017, did this l nurseries, cut flowers or cultivated turf on this h				
	No Go to Question 20				
	Yes				

Part 5 – Nurseries, cut flowers and cultivated turf – (continued)

(c) Cultivated turf.............

18 For the period 1 July 2016 to 30 June 2017, please report the total area of nurseries, cut flowers or cultivated turf on this holding

	•	To co Unde	e report part hectares. nvert acres to hectares, divide acres by 2, reover includes use of greenhouses, cold area has been planted more than once durance.	frames, cloth houses and la				C
		<i>cludi</i> All ar	ng eas used for propagation				0	5
					Undercove (Hectares		Outdoo (Hectare	
	(a)	Nur	series			0		
	(b)	Cut	flowers					
	(c)	Cult	ivated turf				. ['
19			period 1 July 2016 to 30 June 20 from the sales of nurseries, cut				oss	
	• (on s receipts - the total amount received from or expenses	m all sources without subtra	acting any			
		If exa	ct figures are not available, please provid tt all income items exclusive of Goods a					
	(a)	Nur	series	Number ('000s)		(Gross Receip (\$,000)	ots
		(i)	Propagation plants (e.g. plugs, tubestock, cuttings, tissue culture)	, , ,	,000 Plants	\$,	,000
		(ii)	Herbs and vegetables (excluding seeds, bulbs)	, ,	,000 Plants	\$,	,000
		(iii)	Fruit trees, nut trees & vines (excluding seeds, bulbs)	, , ,	,000 Plants	\$,	,000
		(iv)	Bedding and potted colour (e.g. annuals)	, ,	,000 Plants	\$,,,	,000
	1	(v)	Indoor (excluding seeds, bulbs)	, ,	,000 Plants	\$, ,	,000
\		(vi)	Perennials, trees and shrubs	, ,	,000 Plants	\$,	,000
		(vii)	Other (including seeds, bulbs, water plants, shot seed)	, , ,	,000 Plants	\$,000
	(b)	Cut	flowers	, ,	,000 Stems	\$,000

,000 Rolls

Part 6 – Cereals and other broadacre crops

20	Between 1 July 2016 and 30 June 2017, did this business have any cereal, sugar cane, cotton, oilseeds, pulses, and/or other broadacre crops harvested, fed off, or failed?							
	No Go to Question 22							
	Yes						(
21	For the period 1 July 2016 to 30 cereal, sugar cane, cotton, oilseed harvested, fed off, or failed	· -	_		ps		2)
	 Note To convert acres to hectares, divide ac Complete failure of any crop should failed should still be reported in the Where two or more crops have been g Areas of wheat, oats, etc., resown afte Where harvest is not yet complete or 	be noted by '0' c'Area sown/pla rown on the sam er germination fa	anted' column. The area during the area should be in	year, the area	should be repo	rted for each c		
			rea sown/plante or 2016-17 cro			production 2016-17		
	Cereals for grain or seed		or 2010-17 cro	P	101	2010-17		
	(a) Wheat		, X	0 ha		,	•	0 t
	(b) Oats			• 0 ha		,	•	0 t
	(c) Barley			• 0 ha		ļ	•	0 t
	(d) Triticale		,	• 0 ha		,	•	0 t
	(e) Sorghum (2017 harvest)	Z)	,	• 0 ha		,	•	0 t
	(f) Rice (2017 harvest)		,	• 0 ha		,	•	0 t
	(g) Maize (2017 harvest)			• 0 ha		,	•	0 t
	(h) All other cereals for grain or se		, , ,	• 0 ha		,	•	0 t
	(please specify in BLOCK lette	ers)						
	Other broadacre crops			_ 1			l [
	(i) Canola (including manola)			• 0 ha		,	•	0 t
	(j) Other oilseeds (including safflo soybeans, sunflowers, sesame,		,	• 0 ha		,	•	0 t
	(k) Peanuts in shell		,	• 0 ha	,	,	•	0 kg
	(l) Other pulses (including lentils, navy beans, field peas for grain faba beans, lupins, chickpeas).	1,	,	• 0 ha		,	• [0 t

Part 6 – Cereals and other broadacre crops – (continued)

(c) Cereals cut for hay

(d) Other crops cut for hay

crops cut for silage

(e) Pasture (including lucerne), cereal and other

21	For the period 1 July 2016 to 30 June 2017, please report details of cereal,
	sugar cane, cotton, oilseeds, pulses, and/or other broadacre crops harvested,
	fed off, or failed – (continued)

	fed off, or failed – (continued)				
		Area sown/planted for 2016-17 crop	1	Total production for 2016-17	
	Other broadacre crops – (continued)				
	(m) Cotton lint – irrigated (weight of lint ginned from seed)		0 ha		0 kg
	(n) Cotton lint – non-irrigated (weight of lint ginned from seed)]	0 ha		0 kg
	(o) Sugar cane cut for crushing during 2016 season		0 ha		• 0 t
	(p) Sugar cane (plant or other, not for crushing) during 2016 season		ha	Ø	
	(q) All other crops (excluding fruit and vegetables for human consumption)	🔾	0 ha		
	(please specify in BLOCK letters)				
22	Between 1 July 2016 and 30 June 2017, did silage?	d this business prod	uce any hay	or	
	No Go to Question 24 Yes				
23			-:1£		
23	For the period 1 July 2016 to 30 June 201' hay and silage	7, piease report det	alis oi		
	Note • If cut for hay more than once, include area once of	only, but report total prod	duction.		
			Area (Hectares)	Total produ (Tonne	
	(a) Lucerne cut for hay		,	• 0	• 0
	(b) Other pasture cut for hay		,	• 0 ,	• 0

Part 7 – Pasture and crop cultivation

24	Between 1 July 2016 and 30 June 2017, did this business prepare, cultivate and/or maintain any land for pasture and/or crops on this holding?	
	 Including Spraying or cultivating Horticulture crops and broadacre crops Excluding Nurseries, cut flowers and cultivated turf 	
	No Go to Question 28 Yes	
25	For the period 1 July 2016 to 30 June 2017, please report the area of land cultivated and the number of cultivations on this holding	
	 Definition Cultivation – the ploughing/tilling of soil prior to planting a crop or pasture 	0,
	 Note Please report part hectares. To convert acres to hectares, divide acres by 2.47. 1 hectare = 10,000 square metres. 	
	(a) No cultivation apart from sowing or (Hectares)	Area of cropping land (Hectares)
	planting (including sown and planted areas if no ploughing or tilling etc. has taken place),	, , ,
	(b) One cultivation	<u>, , , , , , , , , , , , , , , , , , , </u>
	(c) Two cultivations	
26	(d) Three or more cultivations	, ,
	holding between 1 July 2016 and 30 June 2017	Hectares
	(a) Crop land sown to pasture for less than six months of the year	
	(b) Crop land sown to pasture for six months or more of the year	, , , , ,
27	Please report the area of your pasture on this holding as at 30 June 2017 that was:	Hectares
	(a) 100% annual pasture	
	(b) A mix of annual and perennial pasture	, , , .

(c) 100% perennial pasture....

Part 8 – Crop management

29

28	Between 1 July 2016 and 30 June 2017 did this business undertake crop stubble and/or
	trash management practices on this holding?

 Including Cereals, rice, pulses, peanuts, cotton, sugar cane and oilseeds Burning, windrowing, incorporating into soil, retaining, grazing off 	 Excluding Other crops Horticulture Nurseries, cut flowers and cultivated turf 	C
No Go to Question 30 Yes		So.
_	e 2017, please report the area of land h management practices were carried	
 Note Please report part hectares. To convert acres to hectares, divide acres 1 hectare = 10,000 square metres. Please report total area for all crops (inclusugar cane, pulses, peanuts and oilseeds). Multiple stubble and/or trash managemen 	ading cereals, cotton, rice,	
(a) Cool-moderate burn (most plant m	naterial is burnt)	Hectares
(b) Hot burn (all plant material is dest		•
(c) Windrowed and left		•
(d) Windrowed and removed		•
(e) Incorporated in to soil		•
(f) Retained on ground (low cut stubb	ole left on ground)	
	ble left intact)	
(h) Grazed off(i) Other stubble and/or trash manage	ement practices	
(please specify in BLOCK letters)		

Part 8 – Crop management – (continued)

30 Please report the area of land on this holding where intercropping was carried out between 1 July 2016 and 30 June 2017

Definitions

- **Intercropping** the growth of different crops on the same land at the same time
- **Mixed inter-row/strip cropping** the growing of different crops in the same area of land at the same time in either distinct rows or no row arrangement
- **Relay cropping** a form of multiple cropping where a second crop is started amidst the first crop before the first has been harvested
- Row alley cropping the growing of crops between rows of trees
- Cover cropping
 - the broadcasting or sowing of pastures at the same time as sowing a crop (also called undersowing)
 - the deliberate sowing of plants between perennial crop rows (e.g. vineyards and orchards)
 - the planting of crops to cover the soil surface and that are not usually harvested
- Pasture cropping the sowing of annual crops into native perennial pastures

Note

Including

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

g) No intercropping undertaken

• 1 hectare = 10,000 square metres.

 Horticulture crops Broadacre crops	Nurseries, cut flowers and cultivated tur	f
		Hectares
(a) Mixed inter-row/strip cr	opping	
(b) Relay cropping		
(c) Row alley cropping		
(d) Cover cropping		
(e) Pasture cropping)	
(f) Other intercropping practice	ctices (please specify in BLOCK letters)	
		<u> </u>

Part 9 – Water for agricultural production (including livestock)

31 Between 1 July 2016 and 30 June 2017, did this business use

water for agricultural production?

	No Yes			
32		tween 1 July 2016 and 30 June 2017, what were the source ter used for agricultural production on this holding?	es of	C
	•	Please report in megalitres. Irrigation channel refers to a ditch/passage dug in the ground to divert water from a natural source (e.g. rivers) to irrigate land. Where total usage is unknown, please estimate total megalitres.	 Please report p To convert kilo divide kilolitres To convert gallomultiply gallom 1 megalitre = 1 1 megalitre = 1 1 megalitre = 2 1 megalitre = 0 	litres to megalitres, s by 1,000. ons to litres, s by 4.55. ,000 kilolitres. ,000,000 litres. 19,969 gallons.
			Please tick all that apply	Total volume used (Megalitres)
	(a)	Water taken from irrigation channels or irrigation pipelines	D	
	(b)	Water taken from on-farm dams or tanks (excluding water from private or government irrigation schemes)		•
	(c)	Water taken from rivers, creeks, lakes, etc. (i) Where a volumetric or usage charge occurs		
		(ii) Where there is no volumetric or usage charge		•
	(d)	Groundwater (e.g. bores, springs, wells)	. 🗆	•
	(e)	Recycled/re-used water from off-farm sources (e.g. re-use schemes, mines)		•
	(f)	Town or country reticulated mains supply		•
	(g)	Other sources (excluding rainfall) (please specify in BLOCK	(letters)	
			<u> </u>	
33		tween 1 July 2016 and 30 June 2017, what was the igation expenditure for this holding?		
		igation expenditure for tims nothing:	Total cost (Dollars)	Total volume (Megalitres)
	(a)	Purchases of extra water on a temporary basis\$,	• 0
	(b)	Purchases of extra water on a permanent basis\$,	• 0
	(c)	Annual irrigation water volumetric or usage charges (excluding purchase of extra water, power and other associated costs)		

Part 9 – Water for agricultural production (including livestock) – (continued)

34 For the period 1 July 2016 to 30 June 2017, please report water used for agricultural production on this holding

Note

- Please report part hectares or megalitres, where relevant.
- To convert acres to hectares, divide acres by 2.47.
- To convert kilolitres to megalitres, divide kilolitres by 1,000.
- Where any area of pasture or crop was watered more than once during the season, show this area only once **but report total volume applied**.
- Where two or more crops have been grown on the same area during the year, the area watered should be shown for each crop.
- Where volume applied is unknown, please estimate total megalitres.

	Please complete both columns
Pasture and crops for grazing, hay and silage	Area watered Volume applied (Hectares) (Megalitres)
(a) Pastures (including lucerne) and cereal crops used for grazing or fed off	
(b) Pastures (including lucerne) and cereal crops cut for hay	
(c) Pastures (including lucerne) and cereal crops cut for silage	
Crops, horticulture and nurseries	
(d) Rice	
(e) Other cereals for grain or seed (e.g. wheat, oats, maize)	
(f) Cotton	
(g) Sugar cane	
(h) Other broadacre crops (e.g. canola, field beans, lupins, sunflowers, poppies)	
(i) Fruit trees, nut trees, plantation or berry fruits	
(j) Grapevines	
(k) Vegetables for human consumption	
(l) Nurseries, cut flowers and cultivated turf	
(m) Other crops (please specify in BLOCK letters)	
	•
Other agricultural water (including livestock drinki	ng water)
(n) Livestock drinking water, dairy or piggery cleaning	
(please specify in BLOCK letters)	, opiajing out

Part 10 – Soil management and fertiliser

35	Between 1 July 2016 and 30 June 2017, did this business use any soil
	enhancers or fertilisers on this holding?

	 Definition Soil enhancer – Enhancers are used to correct the sand/or nutrients (e.g. compost, biochar, gypsum, line 						
	Excludin • Nurser		ers and cultivated	l turf			
	No Go to Question 40					V	
	Yes					X	
36	For the period 1 July 2016 to 30 June 2017, of land on this holding to which a soil enhanamount or volume applied			e	٧ رح		
	 Note Please report part hectares. The volume of liquid soil enhancer will be the amou If blending a solid soil enhancer with water please of 			olid.			
				e provide amo or litres as is a			
	Area applied (Hectares)		Amount applied (Tonnes)	d	Volume (Lit		
	(a) Compost		,	•	,	,	•
	(c) Mulch	•	,	•	,	,]•[
	(d) Lime (including lime sand and stone)	•	,	•	,	,	•
	(e) Dolomite	•	,	•	,	,	•
	(f) Gypsum	•	,	•	,	,	•
	(g) Biochar	•	,	•			
\	(h) Poultry manure	•	,	•	,	,	•
	(i) BioDundar	•	,	•	,	,	•
	(j) Other soil enhancers (please specify in BL	OCK lette	ers)				

Part 10 – Soil management and fertiliser – (continued)

37 For the period 1 July 2016 to 30 June 2017, please report the area of land on this holding to which fertilisers were applied and the amount or volume applied

Definitions

- Slow-release fertiliser fertilisers that are compressed into hard pellets or encased in a special coating to slow down the nutrient release to the soil and plants
- MAP monammonium phosphate
- **DAP** diammonium phosphate

Note

- Please report part hectares.
- If the same fertiliser was applied to an area more than once, report the area once only but the total fertiliser applied to that area.
- If two or more types of fertiliser were applied to the same area, report area on each occasion.
- The volume of liquid fertiliser will be the amount of active/concentrate.
- If blending a solid fertiliser with water please only report the weight of the solid.
- To convert acres to hectares, divide acres by 2.47.
- 1 hectare =10,000 square metres.

Please provide amounts in tonnes or litres as is appropriate

	tonnes or litres as is appropriate				
	Area applied (Hectares)	Amount applied (Tonnes)	Volume applied (Litres)		
Slow-release fertiliser	// X				
(a) Nitrate slow-release		<u></u>			
(b) Urea slow-release		•			
(c) Other slow-release		•			
Non nitrogen based fertilisers					
(d) Single superphosphate	•	•	•		
(e) Double and/or triple superphosphate	•	•	· .		
(f) Other phosphorus based fertilisers	•	•	· .		
(g) Muriate of potash and/or sulphate of potash		•	•		

Part 10 - Soil management and fertiliser - (continued)

For the period 1 July 2016 to 30 June 2017, please report the area of land on this holding to which fertilisers were applied and the amount or volume applied – (continued)						
	**			Please provide tonnes or litres as		
	Nitrogen based fertilisers (report slow-release above, report nitrification inhibitors at Question 39)	Area applied (Hectares)		t applied nnes)	Volume applied (Litres)	
	(h) Urea	•	,	•		
	(i) Ammonium sulphate	•				
	(j) Urea ammonium nitrate (Flexi-N, Easy-N)	•		,)		
	(k) Anhydrous ammonia					
	(l) Potassium nitrate				, , ,	
	(m) Ammonium phosphates (MAP and/or DAP)				, , , ,	
	(n) Other nitrogen based specialised blends				•	
	All other fertilisers			•	, , , ,	
	(please specify in BLOCK lette	ers)	•			
			ШШ			
38	For <u>nitrogen based</u> fertilisers which pastures and/or crops application and the amount of	they were applied	to, the area			
	Nitrogen based fertilisers	Area applied (Hectares)	Amoun	t applied nnes)	Volume applied (Litres)	
	(a) Irrigated pasture	•	,	•	•	
	(b) Non-irrigated pasture	•		•	•	
	(c) Sugar cane	•	,		•	
	(d) Cotton	•	,	•	•	
	(e) Rice	•	,	•	•	
	(f) Other irrigated crops	•	,	•	, , , , ,	
	(g) Other non-irrigated					

Part 10 – Soil management and fertiliser – (continued)

39 For the period 1 July 2016 to 30 June 2017, please report the area of land on this holding to which a fertiliser containing a nitrification inhibitor was applied and the amount or volume applied

Definition

• **Nitrification inhibitor** - a fertiliser containing a nitrification inhibitor slows down the conversion of ammonium to nitrate, reducing soil nitrogen losses. These exclude slow-release fertilisers

Note

- To convert acres to hectares, divide acres by 2.47.
- To convert kilograms to tonnes, divide kilograms by 1,000.
- If exact figures are not available, please provide careful estimates.

Including

- Fertiliser that is purchased that contains a nitrification inhibitor
- E.g. ENTEC

Please provide amounts in tonnes or litres as is appropriate

		Area applied (Hectares)	Amount applie (Tonnes)	ed		e applied tres)		
(a)	Fertiliser containing a nitrification inhibitor			•	,	,	•	
(b)	Did not apply a fertiliser co	intaining a nitrifica	tion inhibitor					

Part 11 – Farm management

40	For the period 1 July 2016 and 30 June 2017, please report a percentage breakdown of the sources of income, grants and/or funding for this business	
	Tunung for this business	Percentage of funds
	(a) Income generated by agricultural production on this holding	%
	(b) Grants, government transfers, relief funding provided to this business	%
	(c) Income from any off-farm employment or business activities	%
	(d) Other funding sources (including personal or business loans, dividends, government benefits, royalties)	%
	(e) Total	100 %
/11	Please report your relationship to this business	Tick one
71	Trease report your relationship to this business	box only
	(a) Owner/operator	
	(b) Contractor/employee	
	(c) Other	
42	What is your sex?	
	Male	
	Female	
	Other	
	(please specify in BLOCK letters)	
13	What is your are?	
43	What is your age? years	
44	How many years have you been involved in farming? years	

Part 12 – Future intentions

45	Does this business intend to operate an agricultural property in the future?
	No
	Yes
	Don't know
Pai	rt 13 – Comments and time taken
46	Please provide comments
	 on any information you have supplied on this form (e.g. related to circumstances which affected your agricultural activity such as drought, flood, fires, hailstorms) (please use BLOCK letters)
	 on any difficulties you had in providing the requested information, or suggested improvements to this form (please use BLOCK letters)
47	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
	Thank you for completing this form