



Rural Environment and Agricultural Commodities Survey 2018-19


REACS

In correspondence, please quote this number ▼

Australian Business Number

Please correct any errors

1
To complete this survey online
Go to
www.abs.gov.au/survey



2
Use ABS Survey Account
Log into your Survey Account
OR
Create your Survey Account

3
Add this form to your Survey Account by entering this Form Access Code:

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 21 days of receipt.**

Australian Statistician

Person we should contact if any queries arise regarding this form

First Name

Date / /

Last Name

Telephone Number

Signature

Mobile Number

Help available

Telephone:
1800 647 011
Freecall
(excluding mobile phones)

Write to:
Australian Bureau of Statistics
Reply Paid 91263
Dandenong South
VIC 3175



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

S	Y	D	N	E	Y				
---	---	---	---	---	---	--	--	--	--

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

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

7	3	·	8	6	0
---	---	---	--------------	--------------	---

 or if not enough space is left, write next to the relevant item, for example
 Wheat for grain 542

6	4	2	·	0
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- 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 2018 and 30 June 2019, did the business registered to the Australian Business Number (ABN) on the front of this form own and/or operate an agricultural property?

Tick one box only

- (a) Yes - owned **and** operated an agricultural property Go to Question **2**
- (b) Yes - operated an agricultural property only (excluding all land operated by you under a sharefarming agreement) Go to Question **2**
- (c) Yes - owned but did not operate an agricultural property Go to Question **38**
- (d) No - services to agriculture only (i.e. aerial sprayers, cane cutters, shearers) Go to Question **38**
- (e) No - did not own or operate an agricultural property Go to Question **38**

Part 1 – Business details – (continued)

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

Note


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

Including

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

Excluding

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

No other ABNs  **Go to Question 3**

Australian Business Number (ABN) ...

Australian Business Number (ABN) ...

Australian Business Number (ABN) ...

Part 2 – Land details

Note

- For the remainder of this form, please report the operational activity for the business registered to the ABN listed on the front of this form.
- **If the front of the form specifies a particular shire/property, please report the operational activity for that shire/property only.**

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

Note

- If the front of the form names a shire, please provide the location of the agricultural property in that shire.
- For businesses operating two or more separate agricultural properties within the same shire, **the main property is the one with the largest area of holding.**
- Shire refers to local government area, municipality, council or district council.
- This address is the physical 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 Area of holding as at 30 June 2019

Note

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

Including

- All land you leased or rented **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 by you under a sharefarming agreement
- All land vacated or sold at 30 June

Area (Hectares)

(a) Land owned and operated by this business

[Grid for hectares] • [Box]

(b) Crown land leased to this business

[Grid for hectares] • [Box]

(c) Other land leased or rented to this business

[Grid for hectares] • [Box]

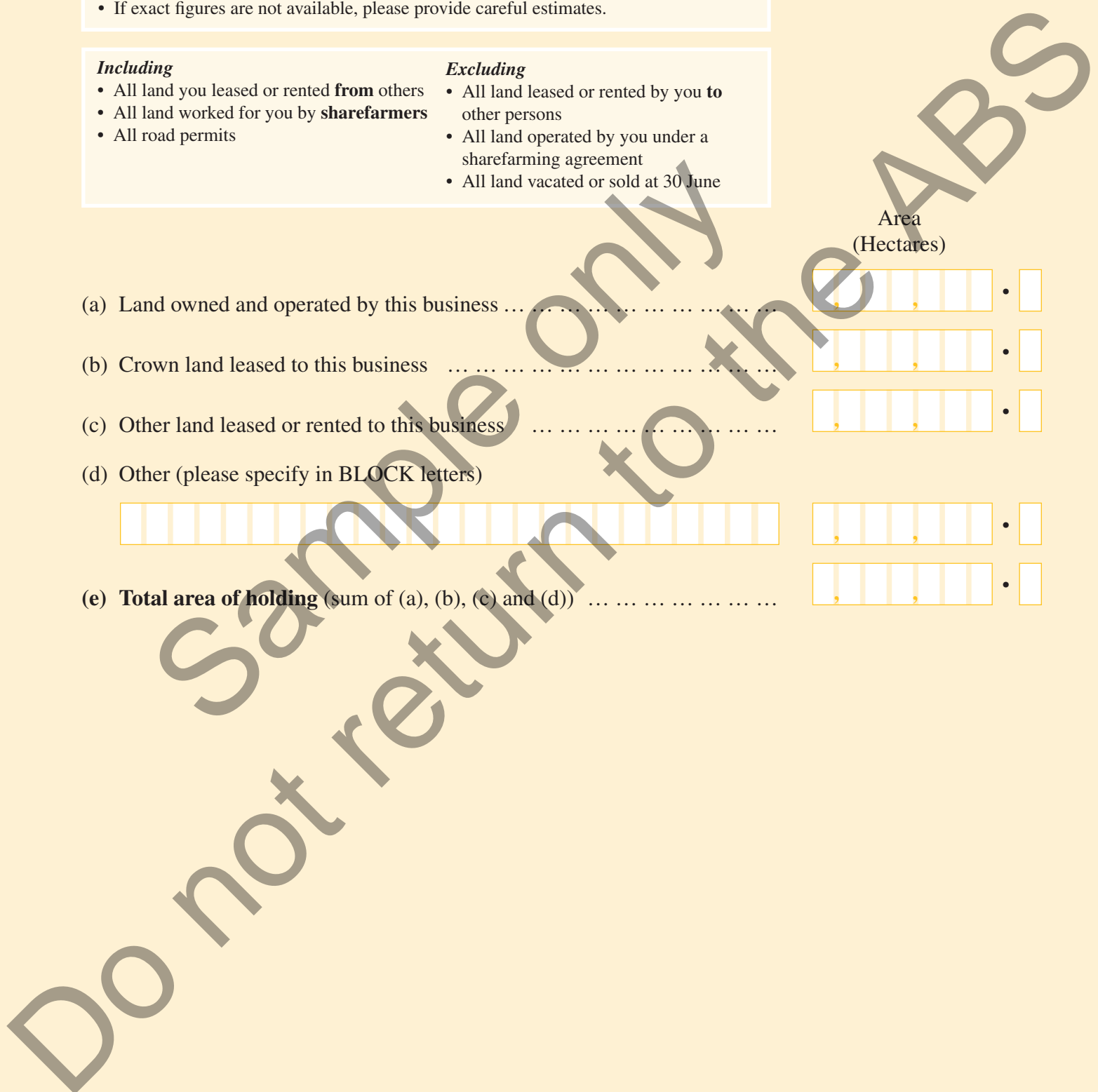
(d) Other (please specify in BLOCK letters)

[Large grid for text entry]

[Grid for hectares] • [Box]

(e) Total area of holding (sum of (a), (b), (c) and (d))

[Grid for hectares] • [Box]



Part 2 – Land details – (continued)

5 For the period 1 July 2018 to 30 June 2019, please provide a breakdown of the total area of this holding according to the main use of land

Note

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

Including

- All land you leased or rented **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 by you under a sharefarming agreement
- All land vacated, leased or sold

Area
(Hectares)

Land not used for agricultural production

- (a) Land set aside for conservation/protection purposes (including land that is largely unmodified and managed to preserve its condition) , , .
- (b) Other areas not used for agricultural production (including houses and buildings, service and access areas, water bodies and other agriculturally unproductive or inaccessible areas) , , .

Land mainly used for agricultural production

- (c) Land mainly used for crops (including vegetables, fruit, nuts, rice, cotton, sugar cane, grapevines, nurseries and land left fallow between crops) ... , , .
- (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/grasslands, rangelands, woodland/shrubland, forested areas and 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)

6 For the period 1 July 2018 to 30 June 2019, please report details of any agricultural land sold, leased out or vacated

No land sold, leased out or vacated  Go to Question 7

Use of land after sold, leased out or vacated

	Please tick all that apply	Area of land sold (Hectares)	Area of land leased out or vacated (Hectares)
(a) Continued agricultural use	<input type="checkbox"/>	<input style="width: 100px; height: 20px;" type="text"/> , <input style="width: 100px; height: 20px;" type="text"/> . <input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/> , <input style="width: 100px; height: 20px;" type="text"/> . <input style="width: 20px; height: 20px;" type="text"/>
(b) Urban development	<input type="checkbox"/>	<input style="width: 100px; height: 20px;" type="text"/> , <input style="width: 100px; height: 20px;" type="text"/> . <input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/> , <input style="width: 100px; height: 20px;" type="text"/> . <input style="width: 20px; height: 20px;" type="text"/>
(c) Mining	<input type="checkbox"/>	<input style="width: 100px; height: 20px;" type="text"/> , <input style="width: 100px; height: 20px;" type="text"/> . <input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/> , <input style="width: 100px; height: 20px;" type="text"/> . <input style="width: 20px; height: 20px;" type="text"/>
(d) Other/unknown	<input type="checkbox"/>	<input style="width: 100px; height: 20px;" type="text"/> , <input style="width: 100px; height: 20px;" type="text"/> . <input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/> , <input style="width: 100px; height: 20px;" type="text"/> . <input style="width: 20px; height: 20px;" type="text"/>

Do not return to the ABS

Part 3 – Livestock – (continued)

8 Livestock on this holding as at 30 June 2019 – (continued)

Sheep and lambs on holding as at 30 June 2019

	Number
(k) Marked lambs less than 1 year	<input type="text"/>
(l) Breeding ewes, 1 year or over (including maiden ewes intended for breeding)	
(i) Pure merino ewes	<input type="text"/>
(ii) All other breeds (including dual purpose, Dohnes, SAMMs and cross breeds)	<input type="text"/>
(m) All other sheep (including rams, wethers, hoggets and non-breeding ewes)	<input type="text"/>
(n) Total sheep and lambs (sum of (k), (l) and (m))	<input type="text"/>

Pigs on holding as at 30 June 2019

	Number
(o) Breeding sows (excluding unmated gilts)	<input type="text"/>
(p) All other pigs (including boars, gilts, suckers, weaners, growers and finishers) ...	<input type="text"/>
(q) Total pigs (sum of (o) and (p))	<input type="text"/>

Live poultry on holding for commercial production as at 30 June 2019

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

	Number
(r) Meat chickens.....	<input type="text"/>
(s) Layers	<input type="text"/>
(t) All other chickens	<input type="text"/>
(u) All other poultry	<input type="text"/>
(v) Total Poultry (sum of (r), (s), (t) and (u))	<input type="text"/>

Part 3 – Livestock – (continued)

8 Livestock on this holding as at 30 June 2019 – (continued)

All other livestock on holding as at 30 June 2019

Including

- Beehives for commercial use, please report number of hives
- Worm farms for commercial use, please report number of bins

	Number
(w) All other livestock (e.g. horses, goats, beehives, domesticated buffaloes)	<input style="width: 100%;" type="text"/>
(please specify in BLOCK letters)	
<input style="width: 100%; height: 20px;" type="text"/>	

9 For the period 1 July 2018 to 30 June 2019, please report details of lambing on this holding

	Number
(a) Lambs marked	
(i) Pure merino lambs	<input style="width: 100%;" type="text"/>
(ii) All other breeds (including dual purpose, Dohnes, SAMMS and cross breeds)	<input style="width: 100%;" type="text"/>
(b) Ewes mated to produce lambs marked	
(i) To merino rams	<input style="width: 100%;" type="text"/>
(ii) To all other rams (including dual purpose, Dohnes, SAMMS and cross breeds)	<input style="width: 100%;" type="text"/>

10 For the period 1 July 2018 to 30 June 2019, please report details of commercial hen egg production for human consumption

	Dozens
Total commercial hen egg production	<input style="width: 100%;" type="text"/>

Do not return to the ABS

Part 4 – Horticulture

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 cultivated turf

11 For the period 1 July 2018 to 30 June 2019, please report details of vegetables intended for sale for human consumption on this holding

Note

- Please report part hectares or square metres, where relevant.
- 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 reported.**
- Where two or more crops of vegetables have been grown on the same area during the year, the area should be reported for each crop.
- Where harvest is not yet complete or actual production weight unknown, please estimate production.
- Undercover includes the use of greenhouses, cold frames, cloth houses and lath houses for growing.
- 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

	Area sown	Total production
(a) Beans (including french and runner beans)	<input type="text"/> ha	<input type="text"/> kg
(b) Broccoli	<input type="text"/> ha	<input type="text"/> kg
(c) Brussels sprouts	<input type="text"/> ha	<input type="text"/> kg
(d) Cabbages	<input type="text"/> ha	<input type="text"/> t
(e) Capsicums (excluding chillies)	<input type="text"/> ha	<input type="text"/> kg
– outdoor (excluding covered field)	<input type="text"/> ha	<input type="text"/> kg
– undercover (including hydroponics, glasshouses and covered field)	<input type="text"/> m ²	<input type="text"/> kg
(f) Carrots	<input type="text"/> ha	<input type="text"/> t
(g) Cauliflowers	<input type="text"/> ha	<input type="text"/> t
(h) Lettuces	<input type="text"/> ha	<input type="text"/> kg
– outdoor (excluding covered field)	<input type="text"/> ha	<input type="text"/> kg
– undercover (including hydroponics, glasshouses and covered field)	<input type="text"/> m ²	<input type="text"/> kg

Part 4 – Horticulture – (continued)

12 For the period 1 July 2018 to 30 June 2019, 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 fresh 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** column.
- Where reporting **macadamia** production please report **fresh weight at 10% moisture content**.
- Where harvest is not yet complete, please estimate expected production.
- kg = kilograms.
- 1 tonne = 1,000 kilograms.

Including

- Sales to processors

	Trees not yet of bearing age (Number)	Trees of bearing age (Number)	Total production fresh weight	
Citrus fruit				
(a) Mandarins	<input type="text"/>	<input type="text"/>	<input type="text"/>	kg
(b) Oranges	<input type="text"/>	<input type="text"/>	<input type="text"/>	kg
(c) All other citrus fruit (please specify in BLOCK letters)	<input type="text"/>	<input type="text"/>	<input type="text"/>	
Pome fruit				
(d) Apples	<input type="text"/>	<input type="text"/>	<input type="text"/>	kg
(e) Pears (including Nashi)	<input type="text"/>	<input type="text"/>	<input type="text"/>	kg
(f) All other pome fruit (please specify in BLOCK letters)	<input type="text"/>	<input type="text"/>	<input type="text"/>	
Stone fruit				
(g) Apricots	<input type="text"/>	<input type="text"/>	<input type="text"/>	kg
(h) Cherries	<input type="text"/>	<input type="text"/>	<input type="text"/>	kg
(i) Nectarines	<input type="text"/>	<input type="text"/>	<input type="text"/>	kg

Part 4 – Horticulture – (continued)

12 For the period 1 July 2018 to 30 June 2019, please report details of orchard fruit and tree nuts intended for sale on this holding – (continued)

	Trees not yet of bearing age (Number)	Trees of bearing age (Number)	Total production fresh weight
Stone fruit – (continued)			
(j) Peaches	<input type="text"/>	<input type="text"/>	<input type="text"/> kg
(k) All other stone fruit (please report olives and avocados in Other orchard fruit) ... (please specify in BLOCK letters)	<input type="text"/>	<input type="text"/>	
<input type="text"/>			
Other orchard fruit			
(l) Avocados	<input type="text"/>	<input type="text"/>	<input type="text"/> kg
(m) Mangoes	<input type="text"/>	<input type="text"/>	<input type="text"/> kg
(n) Olives	<input type="text"/>	<input type="text"/>	<input type="text"/> kg
(o) All other orchard fruit (please specify in BLOCK letters)	<input type="text"/>	<input type="text"/>	
<input type="text"/>			
Nuts			
(p) Almonds (kernel weight)	<input type="text"/>	<input type="text"/>	<input type="text"/> kg
(q) Macadamias	<input type="text"/>	<input type="text"/>	<input type="text"/> kg
(r) All other nuts (exclude peanuts, report at Part 6) (please specify in BLOCK letters)	<input type="text"/>	<input type="text"/>	
<input type="text"/>			

13 Please report the total area of orchard fruit trees and nut trees as at 30 June 2019

Note

- Please report part hectares.
- Where trees are not grown in a defined orchard, please estimate area.

Orchard fruit trees and nut trees (excluding grapes, peanuts, plantation fruit and berry fruit) Area (Hectares)

Part 4 – Horticulture – (continued)

14 For the period 1 July 2018 to 30 June 2019, please report details of grapes, berry, plantation and other fruit intended for sale on this holding

Definition

- **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 fresh 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 hectares, divide acres by 2.47.
- 0.1 hectares = 1,000 square metres.
- 1 hectare = 10,000 square metres.
- t = tonnes.
- kg = kilograms.
- 1 tonne = 1,000 kilograms.


Including

- Sales to processors

	Area not yet of bearing age (Hectares)	Area of bearing age (Hectares)	Total production fresh weight
Grapes			
(a) Grapes for wine production	<input type="text"/>	<input type="text"/>	<input type="text"/> t
(b) Grapes for all other uses	<input type="text"/>	<input type="text"/>	<input type="text"/> t
Plantation and berry fruit			
(c) Bananas	<input type="text"/>	<input type="text"/>	<input type="text"/> t
(d) Pineapples	<input type="text"/>	<input type="text"/>	<input type="text"/> t
(e) Strawberries		<input type="text"/>	<input type="text"/> kg
Other fruit			
(f) All other fruit not elsewhere reported ...	<input type="text"/>	<input type="text"/>	
(please specify in BLOCK letters)			
<input type="text"/>			

Part 5 – Nurseries, cut flowers and cultivated turf

15 Between 1 July 2018 and 30 June 2019, did this business have any nurseries, cut flowers or cultivated turf on this holding?

No  Go to Question 17

Yes

16 For the period 1 July 2018 to 30 June 2019, please report the total area of nurseries, cut flowers or cultivated turf on this holding

Note

- Please report part hectares.
- To convert acres to hectares, divide acres by 2.47.
- Undercover includes use of greenhouses, cold frames, cloth houses and lath houses.
- If an area has been planted more than once during the year, report the area only once.

Including

- All areas used for propagation

	Undercover (Hectares)	Outdoor (Hectares)
(a) Nurseries	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/>
(b) Cut flowers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/>
(c) Cultivated turf.....		<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> . <input type="text"/>

Do not return to the ABS

Part 6 – Cereals and other broadacre crops (including cotton and sugar cane)

17 For the period 1 July 2018 to 30 June 2019, please report details of cereal, sugar cane, cotton, oilseeds, pulses, and/or other broadacre crops harvested, fed off, or failed

Note

- To convert acres to hectares, divide acres by 2.47.
- **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 reported in the Area sown/planted** column.
- Where two or more crops have been grown on the same area during the year, the area should be reported 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 2018-19 crop	Total production for 2018-19
Cereals for grain or seed		
(a) Wheat	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 t
(b) Oats	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 t
(c) Barley	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 t
(d) Triticale.....	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 t
(e) Sorghum (2019 harvest)	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 t
(f) Rice (2019 harvest)	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 t
(g) Maize (2019 harvest)	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 t
(h) All other cereals for grain or seed	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 t
(please specify in BLOCK letters)		
<input type="text"/>		

Other broadacre crops (including cotton and sugar cane)

(i) Canola (including manola)	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 t
(j) Other oilseeds (including linseed, safflower, sesame, soybeans, sunflowers)	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 t
(k) Peanuts in shell	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 kg
(l) Other pulses (including chickpeas, faba beans, field peas for grain, lentils, lupins, mung beans, navy beans)	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 t
(m) Cotton lint – irrigated (weight of lint ginned from seed)	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 kg
(n) Cotton lint – non-irrigated (weight of lint ginned from seed)	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 ha	<input type="text"/> , <input type="text"/> . <input type="text"/> 0 kg

Part 6 – Cereals and other broadacre crops (including cotton and sugar cane) – (continued)

17 For the period 1 July 2018 to 30 June 2019, please report details of cereal, sugar cane, cotton, oilseeds, pulses, and/or other broadacre crops harvested, fed off, or failed – (continued)

	Area sown/planted for 2018-19 crop	Total production for 2018-19
Other broadacre crops (including cotton and sugar cane) – (continued)		
(o) Sugar cane cut for crushing during 2018 season	<input type="text" value=""/> , <input type="text" value=""/> <input type="text" value="0"/> ha	<input type="text" value=""/> , <input type="text" value=""/> <input type="text" value="0"/> t
(p) Sugar cane (plant or other, not for crushing) during 2018 season	<input type="text" value=""/> , <input type="text" value=""/> <input type="text" value="0"/> ha	
(q) All other crops (e.g. poppies, crops for seed, excluding fruit and vegetables intended for sale for human consumption)	<input type="text" value=""/> , <input type="text" value=""/> <input type="text" value="0"/> ha	
(please specify in BLOCK letters)		
<input type="text" value=""/>		

18 For the period 1 July 2018 to 30 June 2019, please report details of hay and silage

Note
• If cut for hay more than once, include area once only, but report total production.

	Area (Hectares)	Total production (Tonnes)
(a) Lucerne cut for hay	<input type="text" value=""/> , <input type="text" value=""/> <input type="text" value="0"/>	<input type="text" value=""/> , <input type="text" value=""/> <input type="text" value="0"/>
(b) Other pasture cut for hay	<input type="text" value=""/> , <input type="text" value=""/> <input type="text" value="0"/>	<input type="text" value=""/> , <input type="text" value=""/> <input type="text" value="0"/>
(c) Cereals cut for hay	<input type="text" value=""/> , <input type="text" value=""/> <input type="text" value="0"/>	<input type="text" value=""/> , <input type="text" value=""/> <input type="text" value="0"/>
(d) Other crops cut for hay	<input type="text" value=""/> , <input type="text" value=""/> <input type="text" value="0"/>	<input type="text" value=""/> , <input type="text" value=""/> <input type="text" value="0"/>
(e) Pasture (including lucerne), cereal and other crops cut for silage	<input type="text" value=""/> , <input type="text" value=""/> <input type="text" value="0"/>	<input type="text" value=""/> , <input type="text" value=""/> <input type="text" value="0"/>

Part 7 – Pasture and crop cultivation

19 Between 1 July 2018 and 30 June 2019, 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 **23**

Yes

20 For the period 1 July 2018 to 30 June 2019, 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

Note

- Please report part hectares.
- To convert acres to hectares, divide acres by 2.47.
- 1 hectare = 10,000 square metres.

	Area of pasture (Hectares)	Area of cropping land (Hectares)
(a) No cultivation apart from sowing or planting (including sown and planted areas if no ploughing or tilling etc. has taken place)	<input style="width: 100px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>
(b) One cultivation	<input style="width: 100px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>
(c) Two cultivations	<input style="width: 100px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>
(d) Three or more cultivations	<input style="width: 100px; height: 20px;" type="text"/>	<input style="width: 100px; height: 20px;" type="text"/>

21 Please report the area where crop land was sown to pasture on this holding between 1 July 2018 and 30 June 2019

	Hectares
(a) Crop land sown to pasture for less than six months of the year	<input style="width: 100px; height: 20px;" type="text"/>
(b) Crop land sown to pasture for six months or more of the year	<input style="width: 100px; height: 20px;" type="text"/>

22 Please report the area of your pasture on this holding as at 30 June 2019 that was:

	Hectares
(a) 100% annual pasture	<input style="width: 100px; height: 20px;" type="text"/>
(b) A mix of annual and perennial pasture	<input style="width: 100px; height: 20px;" type="text"/>
(c) 100% perennial pasture	<input style="width: 100px; height: 20px;" type="text"/>

Part 8 – Crop management

23 Between 1 July 2018 and 30 June 2019 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

No Go to Question 25

Yes

24 For the period 1 July 2018 to 30 June 2019, please report the area of land on this holding that stubble and/or trash management practices were carried out

Note

- Please report part hectares.
- To convert acres to hectares, divide acres by 2.47.
- 1 hectare = 10,000 square metres.
- Please report total area for all crops (including cereals, cotton, rice, sugar cane, pulses, peanuts and oilseeds).
- If multiple stubble and/or trash management practices used, please report for each practice.

Hectares

- | | | |
|---|--|--|
| (a) Cool-moderate burn (most plant material is burnt) | <input style="width: 100%; height: 20px; border: 1px solid black;" type="text"/> | • <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> |
| (b) Hot burn (all plant material is destroyed) | <input style="width: 100%; height: 20px; border: 1px solid black;" type="text"/> | • <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> |
| (c) Windrowed and left | <input style="width: 100%; height: 20px; border: 1px solid black;" type="text"/> | • <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> |
| (d) Windrowed and removed | <input style="width: 100%; height: 20px; border: 1px solid black;" type="text"/> | • <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> |
| (e) Incorporated into soil | <input style="width: 100%; height: 20px; border: 1px solid black;" type="text"/> | • <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> |
| (f) Retained on ground (low cut stubble left on ground)..... | <input style="width: 100%; height: 20px; border: 1px solid black;" type="text"/> | • <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> |
| (g) Retained standing (higher cut stubble left intact) | <input style="width: 100%; height: 20px; border: 1px solid black;" type="text"/> | • <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> |
| (h) Grazed off | <input style="width: 100%; height: 20px; border: 1px solid black;" type="text"/> | • <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> |
| (i) Other stubble and/or trash management practices...
(please specify in BLOCK letters) | <input style="width: 100%; height: 20px; border: 1px solid black;" type="text"/> | • <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> |

Part 8 – Crop management – (continued)

25 Please report the area of land on this holding where intercropping was carried out between 1 July 2018 and 30 June 2019

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

- Please report part hectares.
- To convert acres to hectares, divide acres by 2.47.
- 1 hectare = 10,000 square metres.

Including

- Horticulture crops
- Broadacre crops

Excluding

- Nurseries, cut flowers and cultivated turf

Hectares

(a) Mixed inter-row/strip cropping	<input style="width: 100%; height: 20px; border: 1px solid black;" type="text"/>	•	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
(b) Relay cropping	<input style="width: 100%; height: 20px; border: 1px solid black;" type="text"/>	•	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
(c) Row alley cropping	<input style="width: 100%; height: 20px; border: 1px solid black;" type="text"/>	•	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
(d) Cover cropping	<input style="width: 100%; height: 20px; border: 1px solid black;" type="text"/>	•	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
(e) Pasture cropping	<input style="width: 100%; height: 20px; border: 1px solid black;" type="text"/>	•	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
(f) Other intercropping practices (please specify in BLOCK letters)	<input style="width: 100%; height: 20px; border: 1px solid black;" type="text"/>	•	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
(g) No intercropping undertaken	<input style="width: 20px; height: 20px; border: 1px solid black;" type="checkbox"/>		

Part 9 – Water for agricultural production (including livestock drinking water)

26 Between 1 July 2018 and 30 June 2019, what were the sources of water used for agricultural production on this holding?

Note

- 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 part megalitres.
- To convert kilolitres to megalitres, divide kilolitres by 1,000.
- To convert gallons to litres, multiply gallons by 4.55.
- 1 megalitre = 1,000 kilolitres.
- 1 megalitre = 1,000,000 litres.
- 1 megalitre = 219,969 gallons.
- 1 megalitre = 0.81 acre feet.

	Please tick all that apply	Total volume used (Megalitres)
(a) Water taken from irrigation channels or irrigation pipelines	<input type="checkbox"/>	<input type="text"/> , <input type="text"/> . <input type="text"/>
(b) Water taken from on-farm dams or tanks (excluding water from private or government irrigation schemes)	<input type="checkbox"/>	<input type="text"/> , <input type="text"/> . <input type="text"/>
(c) Water taken from rivers, creeks, lakes, etc.		
(i) Where a volumetric or usage charge occurs	<input type="checkbox"/>	<input type="text"/> , <input type="text"/> . <input type="text"/>
(ii) Where there is no volumetric or usage charge	<input type="checkbox"/>	<input type="text"/> , <input type="text"/> . <input type="text"/>
(d) Groundwater (e.g. bores, springs, wells)	<input type="checkbox"/>	<input type="text"/> , <input type="text"/> . <input type="text"/>
(e) Recycled/re-used water from off-farm sources (e.g. re-use schemes, mines)	<input type="checkbox"/>	<input type="text"/> , <input type="text"/> . <input type="text"/>
(f) Town or country reticulated mains supply	<input type="checkbox"/>	<input type="text"/> , <input type="text"/> . <input type="text"/>
(g) Other sources (excluding rainfall) (please specify in BLOCK letters)	<input type="checkbox"/>	<input type="text"/> , <input type="text"/> . <input type="text"/>

27 Between 1 July 2018 and 30 June 2019, what was the irrigation expenditure for this holding?

	Total cost (Dollars)	Total volume (Megalitres)
(a) Purchases of extra water on a temporary basis	\$ <input type="text"/> , <input type="text"/> , <input type="text"/>	<input type="text"/> , <input type="text"/> . <input type="text"/> 0
(b) Purchases of extra water on a permanent basis	\$ <input type="text"/> , <input type="text"/> , <input type="text"/>	<input type="text"/> , <input type="text"/> . <input type="text"/> 0
(c) Annual irrigation water volumetric or usage charges (excluding purchase of extra water, power and other associated costs)	\$ <input type="text"/> , <input type="text"/> , <input type="text"/>	

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

28 For the period 1 July 2018 to 30 June 2019, 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 (Hectares)	Volume applied (Megalitres)
(a) Pastures (including lucerne) and cereal crops used for grazing or fed off	<input type="text"/>	<input type="text"/>
(b) Pastures (including lucerne) and cereal crops cut for hay	<input type="text"/>	<input type="text"/>
(c) Pastures (including lucerne) and cereal crops cut for silage	<input type="text"/>	<input type="text"/>

Crops, horticulture and nurseries

(d) Rice	<input type="text"/>	<input type="text"/>
(e) Other cereals for grain or seed (e.g. wheat, oats, maize)	<input type="text"/>	<input type="text"/>
(f) Cotton	<input type="text"/>	<input type="text"/>
(g) Sugar cane	<input type="text"/>	<input type="text"/>
(h) Other broadacre crops (e.g. canola, field beans, lupins, poppies, sunflowers)	<input type="text"/>	<input type="text"/>
(i) Fruit trees, nut trees, plantation or berry fruits	<input type="text"/>	<input type="text"/>
(j) Grapevines	<input type="text"/>	<input type="text"/>
(k) Vegetables for human consumption	<input type="text"/>	<input type="text"/>
(l) Nurseries, cut flowers and cultivated turf	<input type="text"/>	<input type="text"/>
(m) Other crops (please specify in BLOCK letters)	<input type="text"/>	<input type="text"/>

Other agricultural water (including livestock drinking water)

(n) Livestock drinking water, dairy or piggery cleaning, spraying etc. (please specify in BLOCK letters)	<input type="text"/>	<input type="text"/>
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Part 10 – Soil management and fertiliser

29 For the period 1 July 2018 to 30 June 2019, please report the area of land on this holding to which a soil enhancer was applied and the amount or volume applied

Definition

- **Soil enhancer** – Enhancers are used to correct the soil’s deficiencies in structure and/or nutrients (e.g. compost, biochar, gypsum, lime, dolomite, BioDunder)

Note

- **Please report part hectares.**
- The volume of liquid soil enhancer will be the amount of active/concentrate.
- If blending a solid soil enhancer 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.
- To convert kilograms to tonnes, divide kilograms by 1,000.
- To convert cubic metres to litres, multiply cubic metres by 1,000.

Excluding

- Nurseries, cut flowers and cultivated turf

Please provide amounts in tonnes or litres as is appropriate

	Area applied (Hectares)	Amount applied (Tonnes)	Volume applied (Litres)
(a) Compost	<input type="text"/>	<input type="text"/>	<input type="text"/>
(b) Green manure	<input type="text"/>	<input type="text"/>	<input type="text"/>
(c) Mulch	<input type="text"/>	<input type="text"/>	<input type="text"/>
(d) Lime (including lime sand and stone)	<input type="text"/>	<input type="text"/>	<input type="text"/>
(e) Dolomite	<input type="text"/>	<input type="text"/>	<input type="text"/>
(f) Gypsum	<input type="text"/>	<input type="text"/>	<input type="text"/>
(g) Biochar	<input type="text"/>	<input type="text"/>	<input type="text"/>
(h) Poultry manure	<input type="text"/>	<input type="text"/>	<input type="text"/>
(i) BioDunder	<input type="text"/>	<input type="text"/>	<input type="text"/>
(j) Other soil enhancers (please specify in BLOCK letters)	<input type="text"/>	<input type="text"/>	<input type="text"/>

Part 10 – Soil management and fertiliser – (continued)

30 For the period 1 July 2018 to 30 June 2019, 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.

Excluding

- Nurseries, cut flowers and cultivated turf

Please provide amounts in tonnes or litres as is appropriate

	Area applied (Hectares)	Amount applied (Tonnes)	Volume applied (Litres)
Slow-release fertiliser			
(a) Nitrate slow-release	<input type="text"/>	<input type="text"/>	
(b) Urea slow-release	<input type="text"/>	<input type="text"/>	
(c) Other slow-release	<input type="text"/>	<input type="text"/>	
Non nitrogen based fertilisers			
(d) Single superphosphate	<input type="text"/>	<input type="text"/>	<input type="text"/>
(e) Double and/or triple superphosphate	<input type="text"/>	<input type="text"/>	<input type="text"/>
(f) Other phosphorus based fertilisers	<input type="text"/>	<input type="text"/>	<input type="text"/>
(g) Muriate of potash and/or sulphate of potash	<input type="text"/>	<input type="text"/>	<input type="text"/>

Part 10 – Soil management and fertiliser – (continued)

30 For the period 1 July 2018 to 30 June 2019, please report the area of land on this holding to which fertilisers were applied and the amount or volume applied – (continued)

Please provide amounts in tonnes or litres as is appropriate

Nitrogen based fertilisers (report slow-release above, report nitrification inhibitors at Question 32)	Area applied (Hectares)	Amount applied (Tonnes)	Volume applied (Litres)
(h) Urea	<input type="text"/>	<input type="text"/>	<input type="text"/>
(i) Ammonium sulphate	<input type="text"/>	<input type="text"/>	<input type="text"/>
(j) Urea ammonium nitrate (Flexi-N, Easy-N) ...	<input type="text"/>	<input type="text"/>	<input type="text"/>
(k) Anhydrous ammonia	<input type="text"/>	<input type="text"/>	<input type="text"/>
(l) Potassium nitrate	<input type="text"/>	<input type="text"/>	<input type="text"/>
(m) Ammonium phosphates (MAP and/or DAP) ...	<input type="text"/>	<input type="text"/>	<input type="text"/>
(n) Other nitrogen based specialised blends ...	<input type="text"/>	<input type="text"/>	<input type="text"/>
All other fertilisers (please specify in BLOCK letters)	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>			

31 For nitrogen based fertilisers reported at Question 30, please indicate which pastures and/or crops they were applied to, the area of application and the amount or volume applied

Nitrogen based fertilisers	Area applied (Hectares)	Amount applied (Tonnes)	Volume applied (Litres)
(a) Irrigated pasture	<input type="text"/>	<input type="text"/>	<input type="text"/>
(b) Non-irrigated pasture	<input type="text"/>	<input type="text"/>	<input type="text"/>
(c) Sugar cane	<input type="text"/>	<input type="text"/>	<input type="text"/>
(d) Cotton	<input type="text"/>	<input type="text"/>	<input type="text"/>
(e) Rice	<input type="text"/>	<input type="text"/>	<input type="text"/>
(f) Other irrigated crops...	<input type="text"/>	<input type="text"/>	<input type="text"/>
(g) Other non-irrigated crops	<input type="text"/>	<input type="text"/>	<input type="text"/>

Part 10 – Soil management and fertiliser – (continued)

32 For the period 1 July 2018 to 30 June 2019, 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 applied
(Tonnes)

Volume applied
(Litres)

(a) Fertiliser containing a nitrification inhibitor , . , . , , .

(b) Did not apply a fertiliser containing a nitrification inhibitor

Do not return to the ABS

Part 11 – Farm management

33 For the period 1 July 2018 to 30 June 2019, please report a percentage breakdown of the sources of income, grants and/or funding for this business

- | | Percentage of funds |
|---|------------------------------------|
| (a) Income generated by agricultural production on this holding | <input type="text"/> % |
| (b) Grants, government transfers, relief funding provided to this business ... | <input type="text"/> % |
| (c) Income from any off-farm employment or business activities | <input type="text"/> % |
| (d) Other funding sources (including personal or business loans, dividends, government benefits, royalties) | <input type="text"/> % |
| (e) Total | <input type="text" value="100"/> % |

34 Please report your relationship to this business

- (a) Owner/operator
- (b) Contractor/employee
- (c) Other

Tick one box only

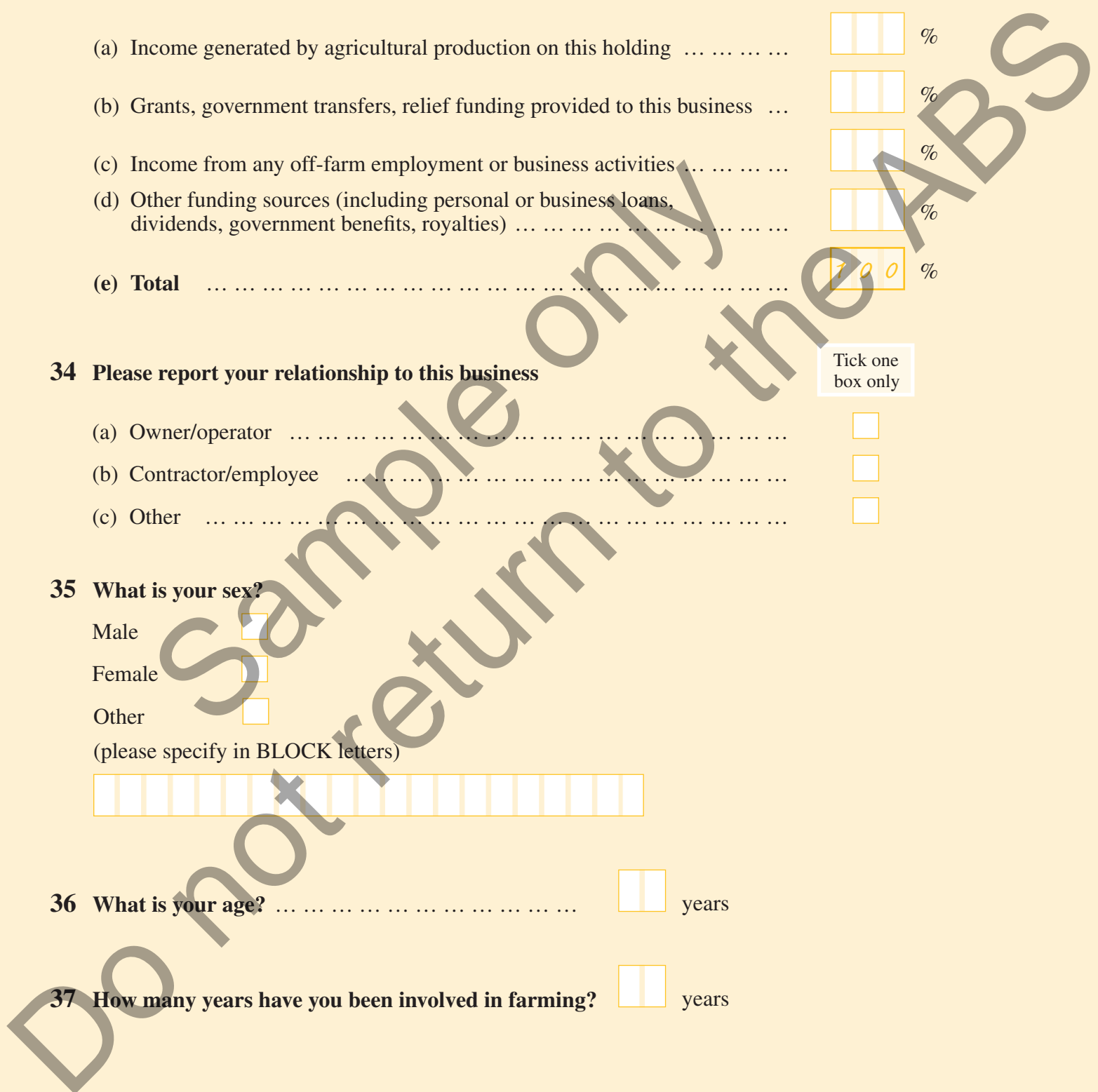
35 What is your sex?

- Male
- Female
- Other

(please specify in BLOCK letters)

36 What is your age? years

37 How many years have you been involved in farming? years



Part 12 – Future intentions

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

No

Yes

Don't know ...

Part 13 – Comments and time taken

39 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)

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

Including

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

hrs

mins

.....

Thank you for completing this form

Do not return to the ABS