Australian Bureau of Statistics

2006–07

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AGRICULTURAL COMMODITIES AUSTRALIA

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CONTENTS

page

Notes 2
Abbreviations 3

SUMMARY OF FINDINGS

Industry structure 4
Crops 5
Horticulture 7
Livestock 8

TABLES

List of tables 9
Structure of agricultural industry 11
Crops 16
Horticulture 18
Livestock 23
Land use 28

ADDITIONAL INFORMATION

Explanatory notes 29

INQUIRIES

For further information about these and related statistics, contact the National Information and Referral Service on 1300 135 070 or Nigel Gibson on Hobart (03) 6222 5940.

NOTES

ABOUT THIS PUBLICATION

This publication contains final estimates for the main commodities collected in the 2006-07 Agricultural Survey. Included are detailed statistics on crop and horticulture area and production, livestock and livestock products, land use and industry and size characteristics of agricultural businesses. The data are based on a response rate of 89% from a sample of 36,000 agricultural businesses selected for the 2006-07 Agricultural Survey.

The ABS also plans to release a range of sub-state geographic level data in conjunction with this publication. In particular, Statistical Division (SD) and Natural Resource Management region data will be released in *Agricultural Commodities: Small Area Data, Australia* (cat. no. 7125.0). The sub-state outputs will generally be available as spreadsheets.

In 2005-06, the ABS moved to a new frame sourced from the Australian Taxation Office's Australian Business Register (ABR). In addition to the change in frame, there have been changes in methodologies used for determining whether agricultural businesses are 'in scope' of the collection and in some of the ways the data are compiled. The key implication of this strategy is that data from 2005-06 is not exactly comparable with earlier data. (Note: detailed information on the impact of the change in the time series was published with the 2005-06 estimates and should be referred to if users want more information about this).

The estimates in this publication are based on the Australian and New Zealand Standard Industial Classification (ANZSIC) 2006 edition, which was adopted for the first time in 2005-06.

Brian Pink
Australian Statistician

ABBREVIATIONS

'000	thousand
ABS	Australian Bureau of Statistics
ACT	Australian Capital Territory
ANZSIC	Australian and New Zealand Standard Industrial Classification
Aust.	Australia
EVAO	Estimated Value of Agricultural Operations
ha	hectare
kg	kilogram
ML	megalitre
n.e.c.	not elsewhere classified
NSW	New South Wales
NT	Northern Territory
Qld	Queensland
RSE	relative standard error
SA	South Australia
SE	standard error
SLA	statistical local area
t	tonne
Tas.	Tasmania
Vic.	Victoria
WA	Western Australia

NUMBER OF AGRICULTURAL BUSINESSES

The 2006–07 Agricultural Survey found that the number of agricultural businesses at 30 June 2007 had fallen by 3% to 150,403.

The beef cattle farming industry was the largest, with around 30% of all agricultural businesses. The mixed farming sector (grain-sheep/beef cattle) was the next largest with around 9%, followed by sheep farming with 8%. The Survey also found that there were an estimated 16,050 non-agricultural businesses who undertook some form of agricultural activity during 2006–07.

SIZE OF OPERATIONS

EVAO of operations

The median estimated value of agricultural operations (EVAO) of all agricultural businesses was approximately $80,000 in 2006–07. Around 23% (34,400) had an EVAO below $22,500, while at the other end of the scale, around 10% (15,200) had an EVAO above $499,999.

The majority of agricultural businesses with EVAO below $22,500 were involved in beef cattle farming (15,500) and sheep farming (3,000) while the majority of businesses with EVAO above $499,999 were involved in grain growing (2,700), beef cattle farming (2,300), dairy cattle farming (1,900) and mixed grain-sheep/beef cattle farming (1,400).

On an industry basis, the poultry for meat, mushroom and cotton industries were dominated by businesses with large EVAOs, with around 65%, 63% and 62% respectively, having an EVAO greater than $499,999.

Area of operations

Most agricultural businesses in 2006–07 had holdings between 100 and 499 hectares in size. This group accounted for 46,800 (or 31%) of all agricultural businesses. These businesses were mainly engaged in beef cattle, dairying, sheep or mixed grain/livestock.

Operations under 50 hectares were the second main size group and accounted for 39,000 businesses (or 26%). These were mainly engaged in beef cattle grazing, grape growing, fruit and tree nut growing, vegetable growing and horse farming.

Operations of over 2,499 hectares accounted for 9% (14,100) of all agricultural businesses and were mainly engaged in grazing or grain growing operations.

OVERVIEW

The 2006–07 season was characterised by very dry conditions in most states with record or near-record low rainfalls recorded in many areas. 2006–07 estimates show decreases in area planted for wheat, barley, grain sorghum, lupins for grain, rice and cotton. Small increases in area were reported for oats, canola and sugar cane. Sustained drought conditions saw production for the majority of the broadacre crops fall by 50% or more.

CROPS FOR GRAIN

Wheat

The total area sown to wheat for grain in 2006–07 fell by 5% to 11.8 million hectares. The largest decreases were reported in Western Australia (down 15% or 716,000 hectares) and Queensland (down 18% or 140,000 hectares).

Sustained drought conditions saw wheat production fall by 57% to 10.8 million tonnes. Wheat production fell consistently across all states, with the largest decreases reported in New South Wales (down 68% or 5.5 million tonnes) and Western Australia (down 44% or 4.0 million tonnes).

Barley

The total area sown to barley for grain in 2006–07 fell by 5% to 4.2 million hectares, driven largely by an 18% decrease (or 201,000 hectares) in New South Wales.

Production of barley fell by 55% to 4.3 million tonnes, with decreased production in all states. The largest falls were reported in South Australia (down 61% or 1.6 million tonnes), New South Wales (down 68% or 1.6 million tonnes) and Victoria (down 70% or 1.4 million tonnes).

Oats

The total area sown to oats for grain in 2006–07 rose by 8% to 1.0 million hectares, with increased plantings in South Australia (up 47% or 34,200 hectares), Western Australia (up 11% or 28,400 hectares) and Victoria (up 16% or 24,800 hectares) only partly offset by a decrease in New South Wales (down 6% or 26,300 hectares).

Production of oats for grain fell by 56% to 748,000 tonnes, with decreased production reported in all states. The largest falls were reported in New South Wales (down 82% or 518,000 tonnes), Victoria (down 59% or 194,000 tonnes) and Western Australia (down 25% or 150,000 tonnes).

Grain sorghum

The total area sown to grain sorghum in 2006–07 fell by 20% to 613,000 hectares. A slight increase in the main growing state, Queensland (up 3% or 12,800 hectares), was more than offset by a decrease in New South Wales (down 51% or 165,000 hectares).

Grain sorghum production fell by 34% to 1.3 million tonnes, with decreases reported in all states. Production in New South Wales fell by 57% or 501,000 tonnes, while in Queensland it fell by 14% or 140,000 tonnes.

Lupins for grain

The total area planted to lupins for grain in 2006–07 fell by 9% to 736,000 hectares. Western Australia remained the predominant growing state, however the 21% decrease in plantings continued the downward trend evident for most of the last 10 years. Total production of lupins fell by 63% to 470,000 tonnes, driven by a 62% drop (or 655,000 tonnes) in Western Australia.

Rice

Lack of water saw area planted to rice fall sharply in 2006–07, down 81% to 19,700 hectares. Rice production was similarly affected, down by 84% to 163,000 tonnes. New South Wales was the main growing state, reporting 99% of total area sown and total production.

OTHER CROPS

Canola

Area planted to canola in 2006–07 increased by 8% to 1.1 million hectares, however this was still a relatively low level compared with most of the previous decade. Increased plantings in New South Wales (up 46% or 88,400 hectares) and South Australia (up 20% or 29,500 hectares) were partly offset by decreases in Western Australia (down 6% or 26,500 hectares) and Victoria (down 7% or 12,400 hectares).

Production of canola fell by 60% to 573,000 tonnes. Production fell across all the states with the largest falls being reported in New South Wales (down 83% or 260,000 tonnes), Victoria (down 85% or 231,000 tonnes) and Western Australia (down 37% or 225,000 tonnes).

Cotton lint

The total area sown to cotton in 2006–07 fell by 50% to 163,000 hectares. Production of cotton lint also fell by 50% to 282,000 tonnes. The two growing states, New South Wales and Queensland both reported sharp falls in both area and production as a result of extremely low water availability at the time of planting combined with adverse seasonal conditions.

Sugar cane

The total area of sugar cane cut for crushing in 2006–07 rose slightly to 409,000 hectares, while production fell by 2% to 36.4 million tonnes. Queensland was the main growing state with over 90% of total production.

FRUIT

Bananas

The bearing area of bananas increased by 4% to 11,700 hectares in 2006–07. Banana production also increased, up by 14% to 213,000 tonnes, but continued to be affected by the losses that resulted from Cyclone Larry in early 2006.

Oranges

The number of orange trees of bearing age in 2006–07 remained steady at 6.6 million. Production of oranges fell by 7% to 471,000 tonnes in 2006–07. A slight increase in production in South Australia was more than offset by reduced production in New South Wales and Victoria.

Grapes

In 2006–07 the total area of vines increased to 174,000 hectares. Bearing area rose to 164,000 hectares, while the area not yet bearing fell to 9,800 hectares. Grape production dropped by 23% to 1.5 million tonnes.

VEGETABLES

Potatoes

The total area planted to potatoes in 2006–07 fell by 3% to 34,100 hectares, with all states reporting decreased area except for Tasmania. Production of potatoes fell by 3% to 1.2 million tonnes, driven mainly by an 11% drop in production in Victoria.

Tomatoes

The area planted to tomatoes fell by 6% to 7,300 hectares. Decreases in New South Wales and Victoria were largely offset by an increase in Queensland. Production of tomatoes fell by 34% to 296,000 tonnes in 2006–07 with large decreases reported in Victoria (down 50% or 122,000 tonnes) and New South Wales (down 53% or 39,900 tonnes).

Carrots

The area planted to carrots in 2006–07 fell by 10% to 5,700 hectares. Carrot production increased slightly to 271,000 tonnes, a large fall in Western Australia was offset by increases in all other states.

Onions

Area planted to onions in 2006–07 rose by 19% to 5,400 hectares, with increases reported in all states. Production of onions rose by 11% to 246,000 tonnes, driven largely by increased production in Queensland and South Australia.

Lettuces

The area planted to lettuces in 2006–07 rose by 24% to 10,000 hectares, with all the main growing states reporting increased area. Production of lettuces also rose, up by 67% to 271,000 tonnes, driven mainly by large increases in production in New South Wales, Victoria and Queensland.

LIVESTOCK

Overview

Livestock numbers were mostly lower at 30 June 2007 compared to the previous year. Milk cattle, meat cattle, sheep, lamb and pig numbers were all lower than in the previous year. While the number of chickens for egg production also fell, chickens for meat production rose.

Milk cattle

The number of milk cattle fell by 4% to 2.7 million at 30 June 2007, with 1.8 million cows in milk and dry. Victoria continued to dominate the dairy industry with a total herd of 1.7 million, down by 5% from the previous year.

Meat cattle

Meat cattle numbers fell slightly to 25.4 million head at 30 June 2007. Decreases in meat cattle numbers in New South Wales, Victoria, Tasmania, South Australia and Western Australia were largely offset by increases reported in the more northerly regions of Queensland and the Northern Territory, where the effects of the drought were less severe.

Sheep and lambs

Sheep and lamb numbers fell by 6% to 85.7 million at 30 June 2007, their lowest level since 1924. This was a result of continued difficult seasons due to drought and generally low wool prices. Sheep and lamb numbers fell in all states except South Australia.

Lamb markings fell by 3% to 34.0 million. The biggest decreases were reported in Western Australia (down 9% or 789,000 head) and New South Wales (down 4% or 475,000 head). The number of ewes mated also fell 3% to 41.5 million. The lambing percentage remained at 82%.

Pigs

The number of pigs in Australia fell by 5% to 2.6 million at 30 June 2007. This was driven mainly by a large decrease in Victoria (down 31% or 206,000 head) but was partly offset by increases in New South Wales and Western Australia. New South Wales reported the largest herd (741,000 head) followed by Queensland (695,000 head).

Chickens

The number of chickens for meat production rose by 5% to 82.1 million birds at 30 June 2007, with increases reported in all states, except Western Australia. The number of chickens for egg production fell by 4% to 15.3 million birds, driven by a 21% decrease (or 1.1 million birds) in New South Wales. Egg production fell by 6% to 236 million dozen.

LIST OF TABLES

page

STRUCTURE OF AGRICULTURAL INDUSTRY

1 Businesses with agricultural activity, by state 11
2 Businesses with agricultural activity, by EVAO 12
3 Businesses with agricultural activity, by area 14

CROPS

4 Principal crops, production 16

HORTICULTURE

5 Fruit and nuts, production 18
6 Vegetables, production 20
7 Grapes, production 22

LIVESTOCK

8 Livestock slaughterings and products 23
9 Cattle 24
10 Sheep 25
11 Pigs 26
12 Chickens 27

LAND MANAGEMENT

13 Land use, area 28

1 BUSINESSES WITH AGRICULTURAL ACTIVITY, By State—At 30 June 2007

		NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
0111	Nursery production (undercover)	^ 123	^ 105	^ 82	*36	*43	*14	^ 4	—	^ 407
0112	Nursery production (outdoors)	^ 197	^ 217	^ 136	^ 74	*44	^ 37	^ 4	^ 3	714
0113	Turf growing	109	^ 15	^ 114	5	^ 44	1	^ 4	—	291
0114	Floriculture production (undercover)	^ 115	^ 73	^ 45	**11	*19	^ 11	—	*1	^ 275
0115	Floriculture production (outdoors)	^ 184	^ 130	^ 53	*34	^ 69	^ 14	9	—	492
0121	Mushroom growing	31	*32	*34	4	*5	3	—	—	^ 109
0122	Vegetable growing (undercover)	^ 296	^ 142	^ 181	262	*37	^ 20	10	—	947
0123	Vegetable growing (outdoors)	935	761	1 033	375	439	424	38	*1	4 006
0131	Grape growing	1 126	1 972	*58	2 250	552	^ 127	5	^ 2	6 091
0132	Kiwifruit growing	**29	^ 3	**7	—	—	—	—	—	*40
0133	Berry fruit growing	^ 154	^ 156	^ 139	^ 18	^ 25	^ 56	—	—	549
0134	Apple and pear growing	^ 75	^ 305	*52	^ 101	^ 122	^ 85	*1	^ 2	743
0135	Stone fruit growing	^ 374	287	^ 95	^ 199	^ 206	^ 52	—	*1	1 215
0136	Citrus fruit growing	586	^ 140	^ 201	345	^ 109	—	^ 3	—	1 384
0137	Olive growing	*169	^ 94	*26	^ 64	*42	**6	—	—	^ 400
0139	Other fruit and tree nut growing	1 116	^ 158	1 538	^ 129	^ 154	*23	215	—	3 333
0141	Sheep farming (specialised)	4 522	3 906	^ 348	1 456	1 487	552	—	14	12 285
0142	Beef cattle farming (specialised)	14 839	10 049	14 274	1 501	2 545	1 456	193	**58	44 914
0143	Beef cattle feedlots (specialised)	*99	*98	*60	*15	**42	1	*1	—	^ 316
0144	Sheep-beef cattle farming	4 307	1 943	538	774	^ 523	339	^ 2	17	8 443
0145	Grain-sheep or grain-beef cattle farming	5 362	2 567	889	2 437	2 461	*64	^ 3	—	13 782
0146	Rice growing	^ 144	—	—	—	—	—	—	—	^ 145
0149	Other grain growing	2 590	2 513	1 059	2 766	2 218	*16	*2	—	11 165
0151	Sugar cane growing	444	**3	3 516	—	4	—	—	—	3 968
0152	Cotton growing	264	—	218	—	—	—	—	—	482
0159	Other crop growing n.e.c.	^ 433	^ 853	^ 748	^ 150	^ 99	^ 105	12	1	2 401
0160	Dairy cattle farming	1 134	5 808	813	453	^ 266	517	^ —	*—	8 993
0171	Poultry farming (meat)	347	^ 222	93	62	^ 68	15	—	—	807
0172	Poultry farming (eggs)	^ 146	^ 123	^ 55	^ 48	^ 55	^ 11	1	1	440
0180	Deer farming	**18	*97	**16	*19	**17	2	—	—	^ 170
0191	Horse farming	^ 1 152	^ 774	^ 777	^ 188	^ 151	^ 52	^ 7	*3	3 102
0192	Pig farming	^ 240	^ 133	^ 241	155	^ 92	*30	1	—	892
0193	Beekeeping	**4	**25	—	**7	**9	—	^ 1	—	*47
0199	Other livestock farming n.e.c.	^ 347	*241	*216	^ 61	*87	*50	^ 4	—	^ 1 006
01	***Total agriculture***	***42 011***	***33 944***	***27 656***	***13 999***	***12 035***	***4 079***	***523***	****106***	***134 353***
99	***All other industries***	***5 495***	***3 466***	***2 895***	***1 816***	***1 557***	***687***	***^ 117***	***17***	***16 050***
#	**Total all industries**	**47 507**	**37 410**	**30 551**	**15 816**	**13 592**	**4 766**	**640**	***123**	**150 403**

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

* estimate has a relative standard error of 25% to 50% and should be used with caution

** estimate has a relative standard error greater than 50% and is considered too unreliable for general use

— nil or rounded to zero (including null cells)

2 BUSINESSES WITH AGRICULTURAL ACTIVITY, By EVAO—Year ended 30 June 2007

		ESTIMATED VALUE OF AGRICULTURAL OPERATIONS ($'000)					
		Less than 22.5(a)	*22.5-49.9*	*50.0-99.9*	*100.0-149.9*	*150.0-199.9*	*200.0-349.9*
0111	Nursery production (undercover)	*29	*25	*79	*72	*40	^36
0112	Nursery production (outdoors)	*34	*130	^156	*102	*32	^87
0113	Turf growing	**8	**8	*23	*24	^26	^62
0114	Floriculture production (undercover)	*18	*44	*31	*28	*17	*45
0115	Floriculture production (outdoors)	*63	^89	^162	^34	*45	^46
0121	Mushroom growing	**2	**16	*5	**10	*3	**2
0122	Vegetable growing (undercover)	^198	^112	^162	^169	^57	^105
0123	Vegetable growing (outdoors)	^430	430	579	^337	^308	507
0131	Grape growing	^1 441	1 805	^1 416	^366	*168	^482
0132	Kiwifruit growing	—	—	**35	—	—	—
0133	Berry fruit growing	*93	*50	^90	*65	*24	*87
0134	Apple and pear growing	*62	*51	*102	*82	*69	^135
0135	Stone fruit growing	^170	^182	^239	^197	^92	^108
0136	Citrus fruit growing	^282	^223	^228	^164	^97	^143
0137	Olive growing	^314	*33	**26	*4	—	*7
0139	Other fruit and tree nut growing	603	^590	695	^368	^167	334
0141	Sheep farming (specialised)	2 956	2 412	2 676	1 430	^814	1 156
0142	Beef cattle farming (specialised)	15 503	11 002	7 307	3 613	1 669	2 337
0143	Beef cattle feedlots (specialised)	**41	**58	**46	—	—	**19
0144	Sheep-beef cattle farming	^986	^1 135	1 757	1 368	^975	1 172
0145	Grain-sheep or grain-beef cattle farming	^671	^1 550	2 353	2 188	1 702	2 734
0146	Rice growing	1	**9	*39	**12	**9	*26
0149	Other grain growing	^890	^922	1 287	1 245	849	2 084
0151	Sugar cane growing	*69	^250	^702	^659	^533	1 033
0152	Cotton growing	*5	^2	**4	*30	*28	*68
0159	Other crop growing n.e.c.	^610	^514	^431	^230	^197	^195
0160	Dairy cattle farming	*256	^297	^743	^844	^872	2 663
0171	Poultry farming (meat)	*22	*17	*32	*11	*24	^77
0172	Poultry Farming (eggs)	*60	*36	*54	*31	*33	*38
0180	Deer farming	*26	*52	*70	*5	**11	3
0191	Horse farming	^1 182	^793	^616	^171	^78	*134
0192	Pig farming	^85	^64	*68	^49	^51	^116
0193	Beekeeping	**12	**14	**4	*14	1	—
0199	Other livestock farming n.e.c.	^835	*99	*20	**6	*13	*20
01	***Total agriculture***	***27 955***	***23 016***	***22 236***	***13 928***	***9 006***	***16 059***
99	***All other industries***	***6 429***	***3 157***	***2 421***	***1 090***	***^667***	***785***
#	**Total all industries**	**34 384**	**26 172**	**24 657**	**15 018**	**9 673**	**16 844**

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

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— nil or rounded to zero (including null cells)

(a) Businesses on the population frame with EVAO of less than $5,000 are not in scope of the survey, however some respondents to the survey may report activity below this level.

ESTIMATED VALUE OF AGRICULTURAL OPERATIONS ($'000) *continued*

		350.0-499.9	*500.0-999.9*	*10000.0-1999.9*	*2000.0 and above*	*Total establishments*
0111	Nursery production (undercover)	**20	*70	*26	*10	^ 407
0112	Nursery production (outdoors)	^ 43	^ 67	^ 32	*31	714
0113	Turf growing	^ 39	^ 52	^ 23	^ 26	291
0114	Floriculture production (undercover)	**9	*49	*27	*7	^ 275
0115	Floriculture production (outdoors)	^ 15	^ 24	*8	6	492
0121	Mushroom growing	**3	*29	*15	25	^ 109
0122	Vegetable growing (undercover)	^ 74	^ 44	*15	^ 11	947
0123	Vegetable growing (outdoors)	315	553	299	248	4 006
0131	Grape growing	^ 157	^ 176	*64	*16	6 091
0132	Kiwifruit growing	—	3	—	**1	*40
0133	Berry fruit growing	^ 30	55	^ 28	^ 26	549
0134	Apple and pear growing	*47	^ 106	*43	*46	743
0135	Stone fruit growing	^ 52	^ 108	^ 41	25	1 215
0136	Citrus fruit growing	^ 67	^ 95	^ 53	^ 31	1 384
0137	Olive growing	**8	**4	—	5	^ 400
0139	Other fruit and tree nut growing	^ 185	213	121	57	3 333
0141	Sheep farming (specialised)	^ 412	^ 256	*119	**53	12 285
0142	Beef cattle farming (specialised)	1 273	1 372	530	^ 307	44 914
0143	Beef cattle feedlots (specialised)	*34	*21	*38	*59	^ 316
0144	Sheep-beef cattle farming	505	^ 430	^ 86	*30	8 443
0145	Grain-sheep or grain-beef cattle farming	1 163	1 081	278	^ 63	13 782
0146	Rice growing	**23	*18	**4	5	^ 145
0149	Other grain growing	1 217	1 850	691	132	11 165
0151	Sugar cane growing	^ 385	268	^ 50	^ 18	3 968
0152	Cotton growing	^ 48	^ 129	^ 96	^ 73	482
0159	Other crop growing n.e.c.	^ 56	^ 102	^ 35	*30	2 401
0160	Dairy cattle farming	1 456	1 516	^ 313	^ 33	8 993
0171	Poultry farming (meat)	^ 100	251	203	^ 69	807
0172	Poultry Farming (eggs)	*42	^ 72	^ 40	35	440
0180	Deer farming	—	3	—	—	^ 170
0191	Horse farming	*57	*24	*7	**41	3 102
0192	Pig farming	^ 88	^ 150	^ 142	^ 80	892
0193	Beekeeping	—	1	—	—	*47
0199	Other livestock farming n.e.c.	*7	*7	—	—	^ 1 006
01	***Total agriculture***	***7 929***	***9 199***	***3 426***	***1 599***	***134 353***
99	***All other industries***	***509***	***532***	***307***	***155***	***16 050***
#	**Total all industries**	**8 438**	**9 731**	**3 732**	**1 754**	**150 403**

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

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— nil or rounded to zero (including null cells)

BUSINESSES WITH AGRICULTURAL ACTIVITY, By Area—At 30 June 2007

		AREA OF HOLDING (ha)					
		0-49	*50-99*	*100-499*	*500-999*	*1000-2499*	*2500-24999*
0111	Nursery production (undercover)	^ 382	**6	*14	*3	—	1
0112	Nursery production (outdoors)	^ 630	^ 36	^ 42	**2	4	—
0113	Turf growing	195	^ 44	^ 44	2	^ 3	*2
0114	Floriculture production (undercover)	^ 247	**25	**3	—	—	—
0115	Floriculture production (outdoors)	^ 355	^ 74	^ 59	1	*3	1
0121	Mushroom growing	^ 96	2	**9	2	—	—
0122	Vegetable growing (undercover)	883	*38	^ 19	*2	3	1
0123	Vegetable growing (outdoors)	2 320	494	915	136	^ 108	29
0131	Grape growing	4 603	^ 570	^ 690	*172	^ 46	11
0132	Kiwifruit growing	**36	**4	—	—	—	—
0133	Berry fruit growing	451	*37	**57	4	—	—
0134	Apple and pear growing	^ 414	^ 119	^ 202	7	1	—
0135	Stone fruit growing	959	^ 140	^ 105	6	2	2
0136	Citrus fruit growing	1 080	^ 130	^ 133	^ 17	^ 16	8
0137	Olive growing	^ 313	*20	*43	**12	**7	*5
0139	Other fruit and tree nut growing	2 396	511	361	^ 31	^ 22	8
0141	Sheep farming (specialised)	^ 1 072	^ 685	5 015	2 229	1 832	1 106
0142	Beef cattle farming (specialised)	8 854	7 476	16 136	3 881	3 481	3 847
0143	Beef cattle feedlots (specialised)	**96	*27	*84	*48	*25	^ 33
0144	Sheep-beef cattle farming	^ 393	^ 453	2 712	1 969	1 733	877
0145	Grain-sheep or grain-beef cattle farming	^ 455	^ 249	3 243	3 100	4 316	2 377
0146	Rice growing	—	**18	*65	*17	*38	5
0149	Other grain growing	^ 388	^ 347	2 301	2 145	3 239	2 707
0151	Sugar cane growing	765	1 205	1 810	^ 126	^ 50	^ 11
0152	Cotton growing	**10	**3	^ 85	^ 114	^ 149	^ 113
0159	Other crop growing n.e.c.	^ 693	^ 466	^ 879	*201	^ 108	^ 50
0160	Dairy cattle farming	^ 731	1 675	5 837	595	^ 127	*29
0171	Poultry farming (meat)	568	^ 92	122	*14	*10	—
0172	Poultry farming (eggs)	325	^ 49	^ 46	*7	9	4
0180	Deer farming	*48	*30	*85	**4	1	3
0191	Horse farming	^ 1 649	^ 567	^ 758	*66	*47	*13
0192	Pig farming	^ 278	^ 99	^ 262	^ 98	^ 109	*45
0193	Beekeeping	*42	—	*4	1	—	—
0199	Other livestock farming n.e.c.	^ 602	*136	*189	**24	^ 3	**27
01	***Total agriculture***	***32 328***	***15 827***	***42 329***	***15 035***	***15 493***	***11 316***
99	***All other industries***	***6 675***	***2 038***	***4 520***	***^ 1 063***	***^ 1 000***	***644***
#	**Total all industries**	**39 003**	**17 864**	**46 849**	**16 098**	**16 493**	**11 960**

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		AREA OF HOLDING (ha) *continued*				
		25000-99999	*100000-199999*	*200000-499999*	*500000 or more*	*Total establishments*
0111	Nursery production (undercover)	—	—	—	—	^ 407
0112	Nursery production (outdoors)	—	—	—	—	714
0113	Turf growing	—	—	—	—	291
0114	Floriculture production (undercover)	—	—	—	—	^ 275
0115	Floriculture production (outdoors)	—	—	—	—	492
0121	Mushroom growing	—	—	—	—	^ 109
0122	Vegetable growing (undercover)	—	—	—	—	947
0123	Vegetable growing (outdoors)	2	—	*1	—	4 006
0131	Grape growing	—	—	—	—	6 091
0132	Kiwifruit growing	—	—	—	—	*40
0133	Berry fruit growing	—	—	—	—	549
0134	Apple and pear growing	—	—	—	—	743
0135	Stone fruit growing	1	—	—	—	1 215
0136	Citrus fruit growing	—	—	—	—	1 384
0137	Olive growing	—	—	—	—	^ 400
0139	Other fruit and tree nut growing	^ 3	—	—	—	3 333
0141	Sheep farming (specialised)	^ 273	*44	*23	5	12 285
0142	Beef cattle farming (specialised)	742	^ 170	235	92	44 914
0143	Beef cattle feedlots (specialised)	2	—	*1	—	^ 316
0144	Sheep-beef cattle farming	^ 233	*42	*29	3	8 443
0145	Grain-sheep or grain-beef cattle farming	^ 38	3	*3	—	13 782
0146	Rice growing	2	—	—	—	^ 145
0149	Other grain growing	^ 37	—	1	—	11 165
0151	Sugar cane growing	1	—	—	—	3 968
0152	Cotton growing	7	1	—	—	482
0159	Other crop growing n.e.c.	**3	—	—	—	2 401
0160	Dairy cattle farming	1	—	—	—	8 993
0171	Poultry farming (meat)	—	—	—	—	807
0172	Poultry farming (eggs)	—	—	—	—	440
0180	Deer farming	—	—	—	—	^ 170
0191	Horse farming	*1	—	—	—	3 102
0192	Pig farming	—	—	—	—	892
0193	Beekeeping	—	—	—	—	*47
0199	Other livestock farming n.e.c.	*21	1	2	—	^ 1 006
01	***Total agriculture***	***1 368***	***261***	***295***	***100***	***134 353***
99	***All other industries***	***^ 55***	****22***	****33***	***2***	***16 050***
#	**Total all industries**	**1 423**	**283**	**328**	**102**	**150 403**

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PRINCIPAL CROPS, Production—Year ended 30 June

	AUST.		2007							
	2006	*2007*	*NSW*	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*
Cereal for grain										
Barley										
Production ('000 t)	9 482	4 257	753	605	^ 79	996	1 808	16	—	—
Area ('000 ha)	4 406	4 182	902	913	^ 81	1 193	1 083	7	**3	—
Yield (t/ha)	2.2	1.0	0.8	0.7	1.0	0.8	1.7	2.2	—	—
Grain sorghum										
Production ('000 t)	1 932	1 283	385	*—	896	—	**1	na	^ 1	—
Area ('000 ha)	767	613	162	**1	449	—	**1	na	^ —	—
Yield (t/ha)	2.5	2.1	2.4	0.3	2.0	—	0.5	. .	2.7	—
Maize										
Production ('000 t)	362	240	^ 143	^ 3	^ 92	na	*1	na	^ —	—
Area ('000 ha)	67	49	^ 20	^ —	27	na	**1	na	^ —	—
Yield (t/ha)	5.4	4.9	7.0	7.8	3.4	. .	1.7	. .	2.1	—
Oats										
Production ('000 t)	1 688	748	115	134	^ 4	52	441	^ 3	—	*—
Area ('000 ha)	930	1 003	390	176	^ 24	106	299	^ 4	**3	*—
Yield (t/ha)	1.8	0.8	0.3	0.8	0.2	0.5	1.5	1.0	—	0.6
Rice										
Production ('000 t)	1 003	^ 163	^ 161	**2	na	na	—	na	—	—
Area ('000 ha)	102	^ 20	^ 20	**—	na	na	—	na	—	—
Yield (t/ha)	9.8	8.3	8.2	12.0	. .	. .	—	. .	—	—
Triticale										
Production ('000 t)	830	199	^ 67	^ 53	*1	^ 39	^ 36	^ 3	na	—
Area ('000 ha)	392	369	^ 166	94	*1	^ 71	^ 35	2	na	—
Yield (t/ha)	2.1	0.5	0.4	0.6	1.3	0.6	1.0	2.2	. .	—
Wheat										
Production ('000 t)	25 150	10 822	2 568	879	^ 777	1 446	5 134	18	na	*—
Area ('000 ha)	12 443	11 798	3 596	1 347	638	2 173	4 037	7	na	*—
Yield (t/ha)	2.0	0.9	0.7	0.7	1.2	0.7	1.3	2.5	. .	0.2
Legumes										
Field peas for grain										
Production ('000 t)	585	140	^ 5	^ 8	^ 1	75	52	*—	na	—
Area ('000 ha)	366	384	^ 42	102	^ 1	163	^ 75	^ —	na	—
Yield (t/ha)	1.6	0.4	0.1	0.1	0.9	0.5	0.7	2.0	. .	—
Lupins for grain										
Production ('000 t)	1 285	470	^ 16	^ 11	*—	34	409	*—	na	—
Area ('000 ha)	809	736	^ 74	^ 43	**—	89	530	*—	na	—
Yield (t/ha)	1.6	0.6	0.2	0.3	1.6	0.4	0.8	1.3	. .	—
Oilseeds										
Canola										
Production ('000 t)	1 419	573	54	42	**1	84	392	^ —	—	—
Area ('000 ha)	972	1 052	283	179	**2	177	411	1	—	*—
Yield (t/ha)	1.5	0.6	0.2	0.2	0.3	0.5	1.0	0.5	—	—
Total oilseeds										
Production ('000 t)	1 565	617	89	42	^ 9	84	392	^ —	^ —	—
Area ('000 ha)	1 091	1 090	311	180	^ 10	177	411	1	^ —	*—
Yield (t/ha)	1.4	0.6	0.3	0.2	^ 0.9	0.5	1.0	0.5	^ 1.0	*—
Other crops										
Cotton lint										
Production ('000 t)	560	282	213	na	69	na	—	na	—	—
Area ('000 ha)	327	163	120	na	44	na	—	na	—	—
Yield (t/ha)	1.7	1.7	1.8	. .	1.6	. .	—	. .	—	—

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na not available

PRINCIPAL CROPS, Production—Year ended 30 June *continued*

	AUST.		2007							
	2006	*2007*	*NSW*	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*
Other crops *cont.*										
Peanuts (in shell)										
Production ('000 t)	25	^ 18	—	na	^ 17	na	**—	na	—	—
Area ('000 ha)	12	^ 12	—	na	^ 12	na	**—	na	—	—
Yield (t/ha)	2.1	1.4	4.8	. .	1.4	. .	2.0	. .	4.0	—
Sugar cane cut for crushing										
Production ('000 t)	37 128	36 397	2 977	na	33 058	na	361	na	—	—
Area ('000 ha)	398	409	22	na	383	na	3	na	—	—
Yield (t/ha)	93.4	89.1	132.5	. .	86.3	. .	112.4	. .	—	—

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5 FRUIT AND NUTS, Production(a)—Year ended 30 June

	AUST.		2007							
	2006	*2007*	*NSW*	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*
Citrus										
Lemons and limes										
Production (t)	33 495	^ 35 915	^ 4 658	*3 888	*20 731	5 772	^ 744	na	121	—
Trees ('000)	490	^ 479	*150	*73	^ 146	^ 79	*12	na	19	—
Yield (kg/tree)	68	75	31	53	142	73	62	. .	6	—
Mandarins										
Production (t)	92 348	104 433	^ 4 117	^ 5 936	^ 68 873	23 956	^ 1 551	na	—	—
Trees ('000)	1 613	1 448	^ 114	^ 112	^ 957	206	^ 60	na	—	—
Yield (kg/tree)	57	72	36	53	72	116	26	. .	—	—
Oranges										
Production (t)	507 233	470 673	224 824	64 888	^ 7 183	167 369	^ 6 408	na	—	—
Trees ('000)	6 553	6 612	3 631	1 009	^ 78	1 689	^ 206	na	—	—
Yield (kg/tree)	77	71	62	64	93	99	31	. .	—	—
Pome(b)										
Apples										
Production (t)	276 427	270 476	37 384	115 584	29 521	27 529	31 932	28 523	—	3
Trees ('000)	8 833	8 590	1 527	3 171	876	1 119	854	1 041	—	3
Yield (kg/tree)	31	31	24	36	34	25	37	27	—	1
Pears										
Production (t)	142 419	134 764	388	119 230	542	5 782	8 053	768	—	1
Trees ('000)	1 776	1 741	22	1 446	15	95	143	20	—	—
Yield (kg/tree)	80	77	18	82	37	61	56	39	—	18
Stone										
Apricots										
Production (t)	16 920	^ 17 327	569	*11 689	*393	^ 3 827	*395	^ 453	na	—
Trees ('000)	587	^ 745	^ 30	^ 417	*21	^ 162	^ 41	*74	na	*—
Yield (kg/tree)	29	23	19	28	19	24	10	6	. .	—
Cherries										
Production (t)	9 783	9 730	^ 3 998	2 686	**7	^ 1 649	71	1 320	na	—
Trees ('000)	1 557	1 565	^ 619	^ 325	**3	^ 274	*30	314	na	—
Yield (kg/tree)	6	6	6	8	3	6	2	4	. .	—
Nectarines										
Production (t)	48 940	^ 49 347	^ 7 273	^ 32 633	^ 3 342	^ 2 292	^ 3 638	169	na	—
Trees ('000)	1 652	1 857	^ 376	^ 928	^ 225	^ 91	^ 223	14	na	*—
Yield (kg/tree)	30	27	19	35	15	25	16	12	. .	—
Olives										
Production (t)	42 177	57 123	**4 421	39 833	^ 351	^ 4 217	8 291	**9	—	*1
Trees ('000)	2 307	^ 2 676	*670	^ 398	^ 247	*689	638	^ 33	—	—
Yield (kg/tree)	18	21	7	100	1	6	13	—	—	—
Peaches										
Production (t)	90 630	81 569	^ 13 479	^ 60 284	*3 081	^ 2 175	^ 2 419	^ 130	na	—
Trees ('000)	2 245	2 356	^ 433	^ 1 437	*283	^ 56	^ 133	13	na	^—
Yield (kg/tree)	40	35	31	42	11	39	18	10	. .	—
Plums and prunes										
Production (t)	26 355	^ 27 294	*5 586	^ 12 658	*964	^ 932	^ 7 107	47	—	*—
Trees ('000)	1 742	1 912	^ 553	^ 745	*65	^ 64	^ 473	13	—	*—
Yield (kg/tree)	15	14	10	17	15	15	15	4	—	4

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na not available

(a) Number of trees refers to trees of bearing age (ie. for apples it is trees four years and over, for other fruit it is trees six years and over). Information on the total number of trees is available on request. Yield is based on the number of bearing trees or the bearing area.

(b) All Apples and Pears data are sourced from the Apples and Pears survey and not the Agricultural survey.

FRUIT AND NUTS, Production(a)—Year ended 30 June *continued*

	AUST.		2007							
	2006	*2007*	*NSW*	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*
Other orchard fruit										
Avocados										
Production (t)	34 452	47 238	^ 5 184	^ 1 827	^ 33 596	*1 920	*4 710	na	—	—
Trees ('000)	680	784	^ 143	^ 68	441	^ 57	*75	na	—	—
Yield (kg/tree)	51	60	36	27	76	34	63	. .	—	—
Mangoes										
Production (t)	36 348	57 947	*17	na	^ 41 478	na	*2 515	na	13 937	—
Trees ('000)	1 437	1 452	*17	na	1 029	na	^ 96	na	309	—
Yield (kg/tree)	25	40	1	. .	40	. .	26	. .	45	—
Nuts										
Almond (kernel)										
Production (t)	12 420	18 024	885	10 449	—	^ 6 691	na	na	na	—
Trees ('000)	1 336	1 090	59	415	—	^ 616	na	na	na	—
Yield (kg/tree)	9	17	15	25	—	11	. .	. .	. .	—
Macadamia										
Production (t)	31 613	33 532	25 648	na	7 884	na	—	na	na	—
Trees ('000)	3 325	3 226	2 372	na	854	na	—	na	na	—
Yield (kg/tree)	10	10	11	. .	9	. .	—	. .	. .	—
Berry fruit										
Blueberries										
Production (t)	2 316	3 239	2 875	*277	**6	**9	—	*72	—	—
Area (ha)	547	^ 855	^ 680	*119	**12	**7	—	*38	—	—
Yield (t/ha)	4	4	4	2	—	1	—	2	—	—
Strawberries										
Production (t)	27 336	28 559	*737	5 673	17 363	2 096	2 373	^ 318	—	—
Area (ha)	1 241	1 240	*46	287	712	86	89	20	—	—
Yield (t/ha)	22	23	16	20	24	24	27	16	—	—
Tropical										
Bananas										
Production (t)	187 384	213 193	^ 19 017	na	188 653	na	^ 3 822	na	1 701	—
Area (ha)	11 168	11 662	^ 1 668	na	9 793	na	^ 137	na	65	—
Yield (t/ha)	17	18	11	. .	19	. .	28	. .	26	—
Pawpaws										
Production (t)	^ 6 456	^ 1 066	—	na	*613	na	**277	na	^ 177	—
Area (ha)	403	^ 138	—	na	^ 119	na	*10	na	9	—
Yield (t/ha)	16	8	—	. .	5	. .	28	. .	20	—
Pineapples										
Production (t)	153 015	^ 164 732	—	na	^ 164 691	na	—	na	*42	—
Area (ha)	3 034	2 736	—	na	2 731	na	—	na	^ 5	—
Yield (t/ha)	50	60	—	. .	60	. .	—	. .	8	—

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6 VEGETABLES, Production—Year ended 30 June

	AUST.		2007							
	2006	*2007*	*NSW*	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*
Asparagus										
Production (t)	9 737	^ 5 609	**40	^ 5 479	*11	^ 2	*78	—	—	—
Area (ha)	2 056	^ 1 302	**55	^ 1 189	*17	^ —	*40	—	—	—
Yield (t/ha)	5	4	1	5	1	5	2	—	—	—
Beans, french and runner										
Production (t)	37 878	28 844	*3 317	^ 1 122	16 130	*72	851	7 350	*3	—
Area (ha)	7 146	4 978	*512	^ 561	2 948	**24	^ 188	743	*1	—
Yield (t/ha)	5	6	*6	^ 2	5	**3	^ 5	10	*3	—
Beetroot										
Production (t)	36 425	^ 40 765	^ 1 440	*1 596	^ 35 417	**309	**1 843	*160	—	—
Area (ha)	1 424	^ 1 279	^ 83	*86	^ 1 078	*8	^ 16	*7	—	—
Yield (t/ha)	26	32	17	19	33	37	113	23	—	—
Broccoli										
Production (t)	48 398	46 031	^ 3 491	24 336	9 137	*979	3 709	4 380	—	—
Area (ha)	6 403	7 135	^ 780	^ 3 807	1 445	*157	^ 383	564	—	—
Yield (t/ha)	8	6	4	6	6	6	10	8	—	—
Cabbages										
Production (t)	78 518	81 563	19 348	31 135	^ 16 791	^ 6 153	^ 6 945	^ 1 189	—	—
Area (ha)	2 115	2 020	597	701	406	^ 148	^ 130	^ 39	—	—
Yield (t/ha)	37	40	32	44	41	42	53	31	—	—
Capsicums (excluding chillies)										
Production (t)	60 734	56 313	*910	*2 150	47 267	^ 2 930	*2 831	224	*1	—
Area (ha)	2 349	2 156	^ 62	^ 69	1 837	^ 80	*106	1	*1	—
Yield (t/ha)	26	26	15	31	26	37	27	230	1	—
Carrots										
Production (t)	264 961	271 464	*31 181	44 581	28 970	65 496	^ 47 792	53 444	na	—
Area (ha)	6 314	5 715	*741	1 430	^ 829	963	^ 941	811	na	—
Yield (t/ha)	42	48	42	31	35	68	51	66	. .	—
Cauliflowers										
Production (t)	76 568	69 793	^ 10 100	^ 17 173	^ 19 961	^ 7 925	^ 8 055	^ 6 578	na	—
Area (ha)	3 039	3 580	^ 415	^ 1 379	^ 902	^ 253	^ 290	^ 341	na	—
Yield (t/ha)	25	20	24	12	22	31	28	19	. .	—
Celery										
Production (t)	50 938	48 542	*174	35 828	^ 7 119	**275	4 545	600	—	—
Area (ha)	1 119	991	**13	661	^ 125	**27	150	14	—	—
Yield (t/ha)	46	49	13	54	57	10	30	43	—	—
Chillies (excluding capsicums)										
Production (t)	^ 2 928	^ 1 957	*87	*74	^ 1 605	**19	*167	—	^ 6	—
Area (ha)	274	^ 163	*13	*10	^ 119	**5	*13	—	^ 5	—
Yield (t/ha)	11	12	7	8	14	4	13	—	1	—
Cucumbers										
Production (t)	23 271	^ 41 931	^ 4 105	**370	*16 869	^ 19 184	*1 161	*22	^ 220	—
Area (ha)	682	577	^ 115	**31	^ 255	^ 127	*40	*—	^ 9	—
Yield (t/ha)	34	73	36	12	66	151	29	81	25	—
Green peas										
Processing (shelled weight)										
Production (t)	16 879	15 232	**3	**56	*227	**11	—	14 935	na	—
Area (ha)	3 762	3 354	**4	**28	*59	**4	—	3 260	na	—
Yield (t/ha)	4	5	1	2	4	3	—	5	. .	—

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	AUST.		2007							
	2006	*2007*	*NSW*	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*
Green peas *cont.*										
Fresh market (pod weight)										
Production (t)	807	*533	**187	**233	^ 103	**6	**1	**4	na	—
Area (ha)	511	*277	**95	**81	*74	**11	**1	**15	na	—
Yield (t/ha)	^ 2	2	2	3	1	1	1	—	. .	—
Lettuces										
Production (t)	162 832	271 251	*64 793	91 495	^ 84 742	^ 12 473	^ 16 199	1 388	161	—
Area (ha)	8 053	10 011	^ 1 193	4 880	^ 2 503	^ 460	*850	122	2	—
Yield (t/ha)	20	27	54	19	34	27	19	11	99	—
Melons										
Rock and cantaloupe										
Production (t)	85 020	68 105	^ 28 673	*3 516	26 014	**77	7 128	—	2 696	—
Area (ha)	3 197	2 628	^ 770	*179	1 135	**5	421	—	^ 117	—
Yield (t/ha)	27	26	37	20	23	15	17	—	23	—
Water										
Production (t)	133 779	136 861	^ 35 855	*2 834	^ 61 432	**3 284	18 512	—	14 944	—
Area (ha)	4 664	4 421	^ 919	*83	^ 2 233	**82	772	—	331	—
Yield (t/ha)	29	31	39	34	28	40	24	—	45	—
Mushrooms										
Production (t)	43 641	42 739	13 881	14 493	^ 5 586	4 077	np	np	—	—
Area (ha)	177	181	^ 49	69	^ 22	18	np	np	—	—
Yield (t/ha)	247	236	^ 283	210	^ 252	224	np	np	—	—
Onions(a)										
Production (t)	221 923	246 496	*16 681	^ 14 122	40 152	91 218	17 534	66 403	*387	—
Area (ha)	4 537	5 413	^ 492	^ 429	984	^ 1 824	250	1 419	*14	—
Yield (t/ha)	49	46	34	33	41	50	70	47	27	—
Potatoes										
Production (t)	1 249 605	1 211 988	^ 122 729	256 478	88 083	364 255	78 697	301 747	—	—
Area (ha)	35 268	34 096	^ 4 568	8 098	3 498	9 403	^ 1 911	6 618	—	—
Yield (t/ha)	35	36	27	32	25	39	41	46	—	—
Pumpkins										
Production (t)	110 906	102 505	^ 29 255	3 362	39 847	*8 513	19 562	1 676	^ 290	—
Area (ha)	6 990	5 968	^ 1 341	345	2 776	*448	949	89	^ 20	—
Yield (t/ha)	16	17	22	10	14	19	21	19	14	—
Sweet corn										
Production (t)	63 695	^ 62 575	*38 726	2 293	18 758	*508	1 970	*320	—	—
Area (ha)	6 142	^ 5 942	*3 084	257	2 196	**52	**329	*25	—	—
Yield (t/ha)	10	11	13	9	9	10	6	13	—	—
Tomatoes										
Production (t)	450 459	296 035	35 937	^ 123 640	120 656	^ 4 313	*11 009	^ 434	^ 46	—
Area (ha)	7 750	^ 7 293	798	^ 2 312	*3 743	^ 78	^ 355	*6	^ 2	—
Yield (t/ha)	58	^ 41	45	^ 53	*32	^ 55	^ 31	*78	^ 28	—
Zucchini and button squash										
Production (t)	22 761	23 704	^ 1 470	*2 909	16 301	^ 677	*2 142	71	135	—
Area (ha)	2 707	^ 2 438	^ 215	*315	^ 1 765	^ 48	*78	^ 3	13	—
Yield (t/ha)	8	10	7	9	9	14	27	21	10	—

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

* estimate has a relative standard error of 25% to 50% and should be used with caution

** estimate has a relative standard error greater than 50% and is considered too unreliable for general use

. . not applicable

— nil or rounded to zero (including null cells)

na not available

np not available for publication but included in totals where applicable, unless otherwise indicated

(a) Includes brown, red and white onions.

7 GRAPES, Production(a)(b)—Year ended 30 June

	AUST.		2007							
	2006	*2007*	*NSW*	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*
AREA OF VINES AT HARVEST (ha)										
Bearing area	158 167	163 951	40 672	36 746	2 925	69 859	12 200	1 196	238	116
Not yet bearing: planted or grafted prior to collection year	6 768	6 141	1 821	1 296	75	2 291	475	166	16	1
Not yet bearing: planted or grafted during collection year	3 856	3 684	1 235	608	96	1 257	416	72	—	1
Total area of vines	**168 791**	**173 776**	**43 728**	**38 650**	**3 095**	**73 407**	**13 091**	**1 434**	**254**	**117**
GRAPE PRODUCTION (fresh weight) (t)										
Winemaking	1 781 668	1 370 690	402 777	308 501	2 205	583 340	68 252	5 058	—	557
Drying	117 819	81 022	13 619	65 552	175	1 554	122	—	—	—
Table and other	81 710	78 727	12 399	45 441	14 415	1 094	4 050	—	1 327	—
Total production	**1 981 198**	**1 530 439**	**428 795**	**419 494**	**16 795**	**585 988**	**72 424**	**5 058**	**1 327**	**557**
Yield (t/ha)(c)	12.5	9.3	10.5	11.4	5.7	8.4	5.9	4.2	5.6	4.8

— nil or rounded to zero (including null cells)

(a) Varietal information is available in *Australian Wine and Grape Industry* (cat. no. 1329.0).

(b) All grape data are sourced from the annual Vineyards collection and not the Agricultural Survey.

(c) Yield represents the quantity of grapes produced per hectare of bearing vines.

8 LIVESTOCK SLAUGHTERINGS AND PRODUCTS—Year ended 30 June

	AUST.		2007							
	2006	*2007*	*NSW*	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*
Livestock slaughterings(a)(b)										
Cattle ('000)	7 580	8 162	1 750	1 567	3 831	342	449	218	5	—
Calves ('000)	821	919	232	575	62	5	4	41	1	—
Sheep ('000)	11 830	13 271	3 889	3 978	1 000	1 414	2 614	377	—	—
Lambs ('000)	18 666	20 158	4 457	9 100	327	3 251	2 523	499	—	—
Pigs ('000)	5 370	5 322	1 601	788	1 270	1 047	568	43	5	—
Chickens ('000)(c)(d)	437 864	453 910	150 245	126 303	89 576	np	np	np	—	—
Livestock products										
Meat(a)(e)										
Beef ('000 t)	2 050	2 196	453	370	1 107	90	114	60	1	—
Veal ('000 t)	28	31	15	12	3	—	—	1	—	—
Mutton ('000 t)	244	271	83	75	20	33	54	7	—	—
Lamb ('000 t)	382	413	89	185	6	72	51	10	—	—
Pig meat ('000 t)	389	382	110	58	94	78	39	2	—	—
Chicken meat ('000 t)(d)(f)	773	812	292	236	140	np	np	np	—	—
Wool(g)										
Shorn wool (incl. crutchings) (t)	472 517	450 529	139 060	95 447	22 559	74 163	105 799	13 190	—	310
Other wool (t)(h)	47 414	51 775	12 458	19 787	1 992	7 179	9 010	1 314	—	37
Total wool produced (t)	519 931	502 304	151 518	115 234	24 550	81 342	114 809	14 504	—	347
Whole milk (ML)(i)(j)	10 089	9 582	1 105	6 297	534	655	349	642	—	—
Eggs ('000 dozen)	250 413	236 439	64 734	71 273	55 692	^ 8 896	^ 27 609	3 765	450	4 020

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

— nil or rounded to zero (including null cells)

np not available for publication but included in totals where applicable, unless otherwise indicated

(a) Source: *Livestock products, Australia* (cat. no. 7215.0).

(b) Includes estimates of animals slaughtered on farms and by country butchers.

(c) Comprises broilers, fryers and roasters.

(d) Australian total excludes Tasmania, the Northern Territory and the Australian Capital Territory.

(e) Dressed carcass weight, excludes offal.

(f) Dressed weight of whole birds, pieces and giblets.

(g) Data collected on basis of state of production.

(h) Comprises dead wool and wool on skins.

(i) Source: Dairy Australia.

(j) Data for Australian Capital Territory are included in New South Wales; data for Northern Territory are included in South Australia.

9 CATTLE—Year ended 30 June

	AUST.		2007							
	2006	*2007*	*NSW*	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*
CATTLE ('000)										
Milk cattle(a)										
Cows in milk and dry ('000)	1 880	1 796	210	1 150	121	114	^ 60	140	—	*—
Other milk cattle ('000)	908	868	116	518	68	62	^ 44	61	—	—
Total milk cattle and calves ('000)	***2 788***	***2 663***	***326***	***1 668***	***189***	***176***	***^ 104***	***201***	—	*—
Meat cattle										
Bulls and bull calves used or intended for service ('000)	698	767	^ 186	^ 94	^ 329	30	58	14	54	**2
Other calves under one year ('000)	5 651	5 528	1 290	719	2 135	291	611	121	359	**3
Cows and heifers one year and over ('000)	13 197	12 800	2 883	1 218	5 589	527	1 144	223	1 211	*6
Other cattle one year and over ('000)	6 060	6 277	1 250	545	3 442	219	410	123	288	^ 1
Total meat cattle and calves ('000)	***25 605***	***25 373***	***5 609***	***2 575***	***11 495***	***1 067***	***2 223***	***481***	***1 912***	****11***
Total cattle and calves ('000)	**28 393**	**28 037**	**5 935**	**4 243**	**11 684**	**1 242**	**2 327**	**682**	**1 912**	***11**
Proportion of total herd										
Milk cattle (%)	9.8	9.5	5.5	39.3	1.6	14.1	4.5	29.5	—	—
Meat cattle (%)	90.2	90.5	94.5	60.7	98.4	85.9	95.5	70.5	100.0	100.0
AGRICULTURAL BUSINESSES WITH CATTLE (no.)										
Milk cattle										
Cows in milk and dry	8 965	8 896	1 372	5 470	906	438	^ 245	463	—	*1
Other milk cattle	9 308	9 076	1 319	5 690	862	461	^ 296	449	—	—
Total milk cattle and calves	***9 945***	***9 915***	***1 520***	***6 085***	***984***	***505***	***^ 306***	***515***	—	****1***
Meat cattle										
Bulls and bull calves used or intended for service	59 522	58 616	21 684	11 827	15 201	3 503	4 158	1 947	218	**77
Other calves under one year	60 152	57 984	20 818	12 467	14 699	3 763	3 938	2 016	210	**73
Cows and heifers one year and over	69 970	68 988	25 635	14 202	17 677	4 209	4 511	2 445	231	**79
Other cattle one year and over	47 333	47 742	15 317	10 640	14 048	2 850	2 880	1 764	189	**54
Total meat cattle and calves	***82 036***	***80 886***	***29 301***	***18 061***	***19 958***	***4 997***	***5 262***	***2 976***	***247***	****84***
Total establishments with cattle	**87 583**	**86 647**	**29 997**	**21 937**	**20 487**	**5 271**	**5 350**	**3 273**	**247**	***85**

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

* estimate has a relative standard error of 25% to 50% and should be used with caution

** estimate has a relative standard error greater than 50% and is considered too unreliable for general use

— nil or rounded to zero (including null cells)

(a) Excluding house cows.

10 SHEEP—Year ended 30 June

	AUST.		2007							
	2006	*2007*	*NSW*	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*
SHEEP										
Sheep ('000)	66 345	62 291	20 854	12 472	3 507	7 891	15 498	2 022	*—	46
Lambs under one year ('000)	24 684	23 420	7 753	4 702	872	3 750	5 638	694	—	12
Total sheep and lambs ('000)	**91 028**	**85 711**	**28 607**	**17 174**	**4 378**	**11 641**	**21 136**	**2 717**	*—	**58**
LAMBING										
Ewes mates to produce lambs ('000)	42 713	41 518	14 357	8 229	1 520	5 503	10 534	1 350	—	26
Lambs marked ('000)	35 075	34 064	11 597	7 413	921	4 890	8 058	1 165	—	19
Proportion of lambs marked to ewes mated (%)	82.1	82.1	80.8	90.1	60.6	88.9	76.5	86.3	—	73.5
Ewes expected to lamb next year ('000)(a)	44 282	42 028	15 177	8 335	1 839	5 584	9 752	1 302	—	^39
AGRICULTURAL BUSINESSES WITH SHEEP (no.)										
Sheep	47 296	45 955	16 781	11 699	1 673	6 982	7 017	1 760	*1	40
Lambs under one year	37 672	36 236	13 412	9 058	1 156	6 038	5 315	1 227	—	30
Total establishments with sheep	**48 547**	**47 296**	**17 319**	**12 075**	**1 721**	**7 185**	**7 138**	**1 817**	***1**	**40**

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

* estimate has a relative standard error of 25% to 50% and should be used with caution

— nil or rounded to zero (including null cells)

(a) Forecast made at the beginning of each season.

11 PIGS(a)—Year ended 30 June

	AUST.		2007						
	2006	*2007*	*NSW*	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*
PIGS ('000)									
Boars	12	11	3	2	^3	1	2	^—	*—
Breeding sows	302	286	78	59	67	37	^42	3	*—
Gilts intended for breeding	50	54	^18	19	^9	3	^5	^—	—
All other pigs	2 369	2 254	642	382	^617	318	278	16	*—
Total pigs	**2 733**	**2 605**	**741**	**463**	**695**	**360**	**326**	**19**	^—
AGRICULTURAL BUSINESSES WITH PIGS (no.)									
Boars	1 811	1 763	^659	^235	^325	278	^212	*53	*2
Breeding sows	1 985	1 858	^668	^241	^399	286	^214	*47	*2
Gilts intended for breeding	1 061	921	^307	^119	^177	150	^146	^22	—
All other pigs	2 285	2 075	^678	^294	^468	344	^219	*70	^2
Total pigs	**2 620**	**2 312**	**^822**	**^335**	**^475**	**348**	**^257**	***72**	**^3**

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

* estimate has a relative standard error of 25% to 50% and should be used with caution

— nil or rounded to zero (including null cells)

(a) No data was collected for ACT.

12 CHICKENS—Year ended 30 June

	AUST.		2007							
	2006	*2007*	*NSW*	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*
Chickens										
For meat production ('000)	78 448	82 114	31 798	24 325	11 018	np	^ 7 433	np	—	—
For egg production ('000)	15 936	15 271	3 980	4 562	4 200	^ 501	^ 1 549	260	—	220

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

np not available for publication but included in totals where applicable, unless otherwise indicated

— nil or rounded to zero (including null cells)

13 LAND USE, Area—Year ended 30 June

	NSW	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*	*Aust.*
	'000 ha	'000 ha	'000 ha	'000 ha	'000 ha	'000 ha	'000 ha	'000 ha	'000 ha
AREA PLANTED TO CROPS(a)									
2006	6 941	3 252	2 503	4 168	7 623	68	9	—	24 565
2007	6 687	3 428	2 215	4 450	6 669	62	*19	^—	23 530
AREA OF FARMS(b)									
2006	62 119	12 314	145 519	55 408	98 653	1 739	59 127	45	434 925
2007	58 614	13 250	143 871	50 065	96 742	1 659	61 202	^46	425 449
AREA OF NON-AGRICULTURAL LAND(c)									
2006	17 945	10 428	27 546	42 940	154 335	5 101	75 786	191	334 277
2007	21 450	9 492	29 194	48 283	156 246	5 181	73 711	190	343 753
TOTAL LAND AREA(d)									
Total	**80 064**	**22 742**	**173 065**	**98 348**	**252 988**	**6 840**	**134 913**	**236**	**769 202**

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

* estimate has a relative standard error of 25% to 50% and should be used with caution

— nil or rounded to zero (including null cells)

(a) Excludes crops harvested for hay and seed, and pasture and grasses.

(b) Total area of establishments with EVAO of $5,000 or more.

(c) Non-agricultural land is the difference between agricultural land as reported in the Agricultural Survey and total area of the state or territory. It comprises conserved land, forestry, urban and unused land such as vacant Crown land, commercially unused land on Aboriginal and other Crown reserves and waste land, ephemeral lakes and mangrove swamps, as well as establishments not included in the scope of the Agricultural Survey.

(d) Total area of Australia includes Jervis Bay.

Note: Agricultural land is generally divided into cropped land, land sown to pasture and grasses and a broad balance comprising grazing land, land lying idle or under fallow, etc.

EXPLANATORY NOTES

INTRODUCTION

1 This publication contains final estimates for the main commodities collected in the 2006-07 Agricultural Survey and related supplementary collections (i.e. Apples and Pears Collection and Vineyards Collection). It contains detailed statistics on crops, livestock and livestock products, and industry and size characteristics of agricultural businesses.

GENERAL

2 Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

STATISTICAL UNITS USED

3 Since 2005-06, the ABS has used an economic statistics units model on the ABS Business Register (ABSBR) to describe the characteristics of businesses and the structural relationships between related businesses. The units model is used within large and diverse business groups to define reporting units that can provide data to the ABS at a suitable level.

4 Respondents to the 2006-07 Agricultural Survey were drawn from the ABS Business Register.

SCOPE AND COVERAGE

5 The scope of the 2006-07 Agricultural Survey was essentially all agricultural businesses above a minimum size cut-off recorded on the Australian Business Register (ABR) maintained by the ATO. This was the same as the scope for the Agricultural Census for 2005-06. Prior to 2005-06, the scope varied and these details are available on request. For the 2006-07 Agricultural Survey, a sample of 36,000 agricultural businesses were selected.

6 For the 2006-07 Agricultural Survey, the measure of size was the ABS's Estimated Value of Agricultural Operations (EVAO) where available; or where it was not available a Business Activity Statement (BAS) turnover size was derived. A minimum size cut-off of $5,000, based on either EVAO or BAS Turnover, was used to determine whether a unit was in-scope for the Survey.

7 While the Agricultural Survey frame does not contain all agricultural businesses in Australia, it is expected to provide better coverage than previous non-ABR-based Agricultural Survey frames, since most businesses and organisations in Australia need to obtain an Australian Business Number (ABN) from the ATO for their business operations. The Agricultural Survey frame is also expected to be more up-to-date than previous frames, as it excludes agricultural businesses with cancelled ABNs and incorporates regularly updated information on agricultural businesses from the ATO.

INDUSTRY CLASSIFICATION

8 The industry classification used in this publication is the 2006 version of the Australian and New Zealand Standard Industrial Classification (ANZSIC). Prior to the 2005-06 issue of this publication, estimates were based on the ANZSIC 1993 edition. ANZSIC 2006 was developed to provide a more contemporary industrial classification system taking into account issues such as changes in the structure and composition of the economy, changing user demands and compatibility with major international classification standards. For more information, please refer to *Australian and New Zealand Standard Industrial Classification (ANZSIC), 2006* (cat. no. 1292.0).

RELIABILITY OF ESTIMATES (SAMPLE ERROR)

9 The estimates in this publication are based on information obtained from a sample drawn from the total agricultural business population in scope of the collection, and are subject to sampling variability; that is, they may differ from the figures that would have been produced if all businesses had been included in the Agricultural Survey. One measure of the likely difference is given by the standard error (SE) which indicates the extent to which an estimate might vary by chance because only a sample was taken. There are about two chances in three that a 'sample' estimate will differ by less than one SE from the figure that would have been obtained if all businesses had responded, and about nineteen chances in twenty that the difference will be less than two SEs.

RELIABILITY OF ESTIMATES (SAMPLE ERROR) *continued*

10 In this publication, 'sampling' variability of the estimates is measured by the relative standard error (RSE) which is obtained by expressing the SE as a percentage of the estimate to which it refers.

11 Most published national estimates have RSEs less than 5%. For some states with limited production of certain commodities, RSEs are greater than 10%. Estimates that have an estimated RSE between 10% and 25% are annotated with the symbol '^'. These estimates should be used with caution as they are subject to sampling variability too high for some purposes. Estimates with an RSE between 25% and 50% are annotated with the symbol '*', indicating that the estimate should be used with caution as it is subject to sampling variability too high for most practical purposes. Estimates with an RSE greater than 50% are annotated with the symbol '**' indicating that the sampling variability causes the estimates to be considered too unreliable for general use. Separate indication of the RSEs of all estimates is available on request.

12 A table with RSEs for selected commodities follows:

RELATIVE STANDARD ERRORS OF SELETED COMMODITIES—At 30 June 2007

	NSW	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*	*Aust.*
	%	%	%	%	%	%	%	%	%
Barley for grain, production	4.9	4.2	17.8	2.3	3.0	8.5	—	—	1.8
Canola, production	9.9	8.8	76.2	5.1	6.1	15.5	—	—	4.4
Lupins for grain, production	16.7	12.8	48.6	7.6	5.2	44.0	—	—	4.6
Oats for grain, production	9.9	7.7	17.3	8.8	5.8	10.3	—	36.9	4.0
Wheat for grain, production	3.6	4.2	10.8	2.0	2.4	8.0	—	36.9	1.7
Oranges, production	8.4	8.5	22.7	7.8	12.6	—	—	—	5.0
Carrots, production	41.6	7.6	9.7	4.6	11.5	5.2	—	—	5.6
Potatoes, production	13.9	7.5	8.0	5.3	9.5	6.1	—	—	3.2
Tomatoes, production	2.7	17.2	3.2	16.3	25.6	22.5	20.2	—	7.4
Total meat cattle	2.3	3.1	3.0	4.1	4.5	4.8	2.8	49.2	1.6
Total milk cattle	4.3	3.6	5.8	8.3	12.8	5.8	—	33.0	2.5
Total sheep and lambs	2.8	2.3	6.4	2.2	2.4	3.5	32.0	5.7	1.3
Total pigs	3.5	5.2	10.0	8.7	7.6	7.7	24.7	—	3.4

— nil or rounded to zero (including null cells)

CROPS, PASTURES AND HORTICULTURE

13 Statistics on area and production of crops relate, in the main, to crops sown during the year ended 30 June. Statistics of perennial crops relate to the position at 30 June and the production during the year ended on that date, or fruit set by that date. Statistics for apples and pears and grapes, which in some states are harvested after 30 June, are collected by supplementary collection forms and are included in this publication.

LIVESTOCK SLAUGHTERING AND LIVESTOCK PRODUCTS

14 The statistics on livestock slaughtering and meat production are based on data collected from abattoirs and other major slaughtering establishments and include estimates of animals slaughtered on farms and by country butchers and other small slaughtering establishments. Care should be taken when using this information as the figures only relate to slaughtering for human consumption and do not include animals condemned or those killed for boiling down. Definitions of livestock categories may differ between states and within states, particularly with regard to calves.

WOOL

15 Wool production statistics contained in this publication are derived from the quarterly ABS Wool Brokers and Dealers Receivals Collection and are published on the basis of state of production.

16 Wool receivals statistics show the amount of taxable wool received by brokers and dealers from wool producers. They exclude wool received by brokers on which wool tax has already been paid by other dealers (private buyers) or brokers.

MILK

17 Milk statistics have been collected and provided to the ABS by Dairy Australia. Data for the Australian Capital Territory are included with New South Wales; data for the Northern Territory are included with South Australia.

POULTRY SLAUGHTERING

18 Poultry slaughtering statistics have been compiled from quarterly returns supplied by commercial poultry slaughtering establishments. Producers in Tasmania, the Northern Territory and the Australian Capital Territory are not included in the aggregates derived from the Poultry and Game Birds Slaughtered collection. However, the statistics represent a high level of coverage.

ABS DATA AVAILABLE ON REQUEST

19 As well as the statistics included in this and related publications, the ABS may have other relevant data available on request. Inquiries should be made to either the National Information and Referral Service on 1300 135 070 or Linda Falzari on Hobart (03) 6222 5939.

GENERAL ACKNOWLEDGMENT

20 ABS publications draw extensively on information provided freely by individuals, businesses, governments and other organisations. Their continued cooperation is very much appreciated: without it, the wide range of statistics published by the ABS would not be available. Information received by the ABS is treated in strict confidence as required by the *Census and Statistics Act 1905*.

RELATED PUBLICATIONS

21 A range of agricultural publications is produced by the ABS, including:

- *Principal Agricultural Commodities, Australia, Preliminary*, cat. no. 7111.0
- *Agricultural Commodities: Small Area Data, Australia*, cat. no. 7125.0
- *Natural Resource Management on Australian Farms*, cat. no. 4620.0
- *Water Use on Australian Farms,* cat. no. 4618.0
- *Livestock and Meat, Australia — Electronic Publication*, cat. no. 7218.0.55.001
- *Livestock Products, Australia*, cat. no. 7215.0
- *Value of Principal Agricultural Commodities Produced, Australia, Preliminary*, cat. no. 7501.0
- *Value of Agricultural Commodities Produced, Australia*, cat. no. 7503.0

22 For comparisons of the agriculture industry with other industries, users are referred to:

- *Australian National Accounts: National Income, Expenditure and Product*, cat. no. 5206.0
- *Australian National Accounts: State Accounts*, cat. no. 5220.0

23 The ABS also plans to release sub-state geographic level data in conjunction with this publication. In particular, Statistical Division (SD) and Natural Resource Management region data will be released in *Agricultural Commodities: Small Area Data, Australia* (cat. no. 7125.0) for selected commodities. The sub-state outputs will be available as spreadsheets.

24 Current publications and other products released by the ABS are listed in the *Catalogue of Publications and Products* (cat. no. 1101.0). The Catalogue is available from any ABS office or the ABS web site <http://www.abs.gov.au>. The ABS also issues a daily Release Advice on the web site which details products to be released in the week ahead.

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