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AGRICULTURAL COMMODITIES

AUSTRALIA

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■ For further information about these and related statistics, contact Nigel Gibson on Hobart 03 6222 5939, or any ABS office shown on the back cover of this publication.

NOTES

ABOUT THIS PUBLICATION

This publication contains final estimates for the main commodities collected in the Agricultural Commodity Survey (ACS). These include broadacre crops, fruit and vegetables as well as livestock.

Release in electronic form is expected to occur in September, through the Integrated Regional Data Base (IRDB). State data will be available on the IRDB. In the interim, users requiring data in electronic form should approach Nigel Gibson on Hobart 03 6222 5939.

A National compendium publication, *Agriculture, Australia* (Cat. no 7113.0) will be released in October. State compendium publications will no longer be released. For further information about the release of statistics from the ACS, please contact Nigel Gibson on Hobart 03 6222 5939.

ABBREVIATIONS

ABS	Australian Bureau of Statistics
ACS	Agricultural Commodity Survey
ANZSIC	Australian and New Zealand Standard Industrial Classification
EVAO	Estimated Value of Agricultural Operations
ha	hectare
IRDB	Integrated Regional Data Base
kg	kilogram
SE	standard error
t	tonne

W. McLennan
Australian Statistician

SUMMARY OF FINDINGS

INDUSTRY STRUCTURE

The number of establishments with agricultural activity having an Estimated Value of Agricultural Operations (EVAO) of $5,000 or more, fell slightly from 145,100 to 144,900 in the 12 months to 31 March 1998. This fall was significantly less than the fall of 1,500 reported for the previous 12 months. New South Wales and Tasmania experienced the largest drop in percentage terms, each down 1% to 42,500 and 4,480 respectively.

Industry composition

The beef cattle farming industry remained the largest in terms of farm numbers, accounting for 22% (31,800) of total establishments with agricultural activity, despite experiencing declines in all States.

The mixed farming sector, grain-sheep/beef cattle farming, remained the second largest industry in terms of numbers, accounting for 13% (19,200) of total establishments, followed by the grain growing industry, which accounted for 11% (15,300) of total establishments.

The number of establishments classified to these three largest industries fell by 3%, 6% and 7% respectively, from the levels of the previous year.

Industries experiencing growth, in terms of numbers of establishments, included the poultry farming (meat) industry and the sheep industry which rose by 13% and 6% respectively (despite a fall in the number of sheep). The number of establishments in the grape growing industry also increased by 6% while the number of establishments classified to the sugar industry rose by 3%.

Industry analysis

The agricultural industry represents an extremely diverse industry, in terms of type and size of operations.

Major industries consisting mainly of smaller producers include the beef cattle farming and sheep farming industries where 86% and 62% of operations respectively have an EVAO of less than $100,000. The grape growing industry also comprised a significant number of small farms, with 62% having an EVAO of less than $100,000.

Approximately 8% of establishments with agricultural activity have an EVAO greater than $500,000. Industries consisting predominantly of larger farms include the cotton growing industry and the poultry farming (meat) industry with 82% and 47% respectively of establishments having an EVAO greater than $500,000.

In terms of farm area, farms with an area of less than 100 hectares represented 32% (46,300) of total establishments with agricultural activity, the largest group being beef cattle farms (9,500). Industries involved in horticulture consist mainly of small farms with 91% of plant nurseries, 89% of grape growers, and 91% of establishments classified to stone fruit growing operating farms of less than 100 hectares.

Farms with an area of 2,500 hectares or more represented only 9% (13,700) of total establishments with agricultural activity, and consisted predominantly of larger scale grazing and cropping operations.

CROPS

Within the cropping sector, production of wheat and barley declined whilst production of oats held steady.

Wheat

The total area of wheat sown dropped 5% to 10.4 million hectares in 1997–98. New South Wales, Victoria and South Australia all recorded decreases in the area planted to wheat. Western Australia was the State with the largest area planted with 4.2 million hectares (40% of the total area of wheat in Australia).

The total production of wheat for grain declined in 1997–98, by 16%, to 19.2 million tonnes, after the record levels of 1996–97. A reduction in yield in the eastern States reflected less favourable growing conditions than in 1996–97. Production in Victoria, Queensland and New South Wales decreased significantly by 34%, 30% and 29% respectively. Western Australia was the only major wheat producing State to record an increase in production, up 3% to 7.7 million tonnes, which accounted for 40% of the Australian wheat harvest.

Barley

The area sown to barley increased by 5% to 3.5 million hectares, but lower yields in the eastern States resulted in a decrease in total production of 3% to 6.5 million tonnes. The majority of the barley crop was sown and produced in Western Australia and South Australia, with just over 1 million hectares sown in each. Both States recorded increases in production of 18% and 5% respectively.

Oats

Although the area sown to oats fell by 11% to 937,000 hectares, increased yields resulted in a production of 1.6 million tonnes, similar to the previous year. New South Wales was the State with the largest area sown to oats (325,000 hectares) but due to better yields Western Australia produced the most oats (596,000 tonnes).

Rice

The area of rice sown was 147,000 hectares in 1997–98, which produced 1.3 million tonnes at a yield of 9 tonnes per hectare.

LIVESTOCK

Meat cattle numbers remained static while a 4% increase in the number of dairy cattle resulted in an overall increase in total cattle and calves to 26.8 million. The total sheep flock decreased again, continuing the decade long trend.

Meat cattle

At 31 March 1998, there were 23.8 million beef cattle and calves, a similar number to the previous year. Queensland was the only State to record a significant increase in the number of beef cattle, up 4% to 10.5 million, which represented 44% of the national total.

The number of establishments reporting beef cattle continued to fall, with a 6% decrease from 81,900 at 31 March 1997 to 77,300 at 31 March 1998.

Dairy cattle

The number of dairy cattle at 31 March 1998 increased by 4% to 3.1 million. The dairy herd accounted for 11% of all cattle and calves. The Victorian dairy herd, the country's largest, grew 3% from the previous year to 1.8 million. The dairy herds in New South Wales and Queensland increased by 9% and 4% respectively.

The number of establishments reporting dairy cattle increased slightly to 15,500 at 31 March 1998.

Sheep and lambs

The estimated size of the sheep and lamb flock at 31 March 1998 decreased 2% to 117 million. The flocks in Victoria and New South Wales decreased by 5% and 4% respectively. Queensland recorded an increase in sheep and lamb numbers of 4%. The New South Wales flock accounted for 35% of the national total.

The number of ewes mated during 1997-98 remained steady at 51.3 million. The number of lambs marked decreased marginally to 40.1 million, while the proportion of lambs marked to ewes mated was 78%, compared with 79% in 1996–97.

Pigs

At 31 March 1998, there were 2.8 million pigs, an 8% increase on the number at 31 March 1997. New South Wales, with 849,000, recorded the largest pig herd in Australia followed by Queensland (648,000) and Victoria (518,000).

HORTICULTURE

Of Australia's four most valuable fruit crops, production of grapes and bananas rose while production of apples and oranges fell.

Fruit

GRAPES

The 1997–98 grape harvest was a record 1.1 million tonnes, an increase of 18% on the 1996–97 harvest, and 2% above the previous production high recorded in 1995–96. The area planted to grapes (both bearing and non-bearing) in 1997–98 was 98,600 hectares, 10% higher than the 89,800 hectares reported in 1996–97. Production of wine grapes increased by 17% to 871,000 tonnes.

APPLES

Australian apple production fell 13% to 309,000 tonnes in 1997–98, due to a return to lower pre-1996–97 yields. In the largest apple growing State, Victoria, the decrease in yield contributed to the production falling 21% to 94,300 tonnes.

ORANGES

In 1997–98 orange production fell 4% to 500,000 tonnes. New South Wales, which accounted for 44% of the total Australian production, was the main contributor to the drop with production falling 6% to 218,000 tonnes.

BANANAS

Significant increases in the area planted to bananas in Queensland (up 14% to 6,800 hectares) and production (up 15% to 166,000 tonnes) have been reflected in a 12% increase, to 223,000 tonnes, in the total Australian production of bananas.

Vegetables

POTATOES

An area of 42,600 hectares planted to potatoes produced 1.4 million tonnes. Tasmania was the largest producer of potatoes and accounted for 27% of the Australian production with 374,000 tonnes.

CARROTS

Victoria produced 36% (95,600 tonnes) of the total carrot production of 267,000 tonnes. A national yield of 37 tonnes per hectare was achieved from 7,200 hectares planted. Tasmania with 53.2 t/ha achieved the highest yield while Queensland with 27.8 t/ha had the lowest yield.

ONIONS

The Australian production of onions was 219,000 tonnes, with South Australia producing 34% (74,200) of the total.

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1 ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY, By State—As at 31 March 1998

ANZSIC Code & Description	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
				NUMBER					
0111 Plant nurseries	735	321	681	142	180	32	18	4	2 112
0112 Cut flower and flower seed growing	278	243	204	122	141	51	6	—	1 043
0113 Vegetable growing	777	993	1 313	542	536	597	12	1	4 772
0114 Grape growing	908	1 933	121	1 916	351	76	4	—	5 310
0115 Apple and pear growing	250	422	101	124	218	161	—	2	1 279
0116 Stone fruit growing	451	248	95	330	170	13	—	—	1 307
0117 Kiwi fruit growing	40	10	5	—	4	—	—	—	59
0119 Fruit growing n.e.c.	1 926	413	2 024	604	315	48	79	1	5 408
0121 Grain growing	4 287	2 657	2 013	3 785	2 516	30	2	—	15 289
0122 Grain-sheep/beef cattle farming	7 355	3 400	1 792	2 648	3 971	60	1	—	19 229
0123 Sheep-beef cattle farming	3 853	2 302	954	898	518	417	—	24	8 966
0124 Sheep farming	5 383	5 107	667	1 714	1 644	725	—	27	15 267
0125 Beef cattle farming	9 464	7 371	10 894	956	1 841	1 021	212	25	31 785
0130 Dairy cattle farming	2 105	8 088	1 838	775	453	748	2	1	14 010
0141 Poultry farming (meat)	376	193	121	76	64	12	1	—	843
0142 Poultry farming (eggs)	131	145	100	41	83	13	5	2	520
0151 Pig farming	356	177	356	172	122	32	1	—	1 217
0152 Horse farming	600	350	433	80	101	43	2	2	1 613
0153 Deer farming	60	78	39	25	8	15	—	—	225
0159 Livestock farming n.e.c.	173	247	145	31	53	19	1	—	669
0161 Sugar cane growing	473	—	4 676	—	2	—	—	—	5 151
0162 Cotton growing	569	—	542	—	1	—	—	—	1 112
0169 Crop and plant growing n.e.c.	301	427	442	120	79	91	7	1	1 467
Agriculture	*40 852*	*35 125*	*29 556*	*15 101*	*13 372*	*4 205*	*353*	*90*	*138 654*
All other industries	*1 644*	*1 562*	*1 395*	*673*	*618*	*277*	*21*	*15*	*6 206*
Total	**42 496**	**36 687**	**30 951**	**15 774**	**13 990**	**4 482**	**374**	**105**	**144 860**
				STANDARD ERROR (%)					
0111 Plant nurseries	4.8	5.6	1.6	6.0	4.3	19.0	. .	. .	2.0
0112 Cut flower and flower seed growing	9.8	6.3	3.1	6.1	2.9	17.0	. .	. .	3.3
0113 Vegetable growing	4.7	3.0	1.3	2.0	1.3	2.6	. .	. .	1.1
0114 Grape growing	2.2	2.4	6.7	1.1	2.5	10.8	. .	. .	1.1
0115 Apple and pear growing	5.3	3.2	3.0	5.6	1.8	5.3	. .	. .	1.7
0116 Stone fruit growing	3.7	3.1	5.1	3.8	3.2	19.5	. .	. .	1.8
0117 Kiwi fruit growing	50.2	27.6	21.8	. .	15.7	. .	. .	. .	34.2
0119 Fruit growing n.e.c.	2.0	6.2	0.7	2.1	1.9	15.0	. .	. .	0.9
0121 Grain growing	2.1	2.3	1.4	1.3	2.2	19.5	. .	. .	0.9
0122 Grain-sheep/beef cattle farming	1.6	2.9	1.8	2.0	1.7	12.9	. .	. .	0.9
0123 Sheep-beef cattle farming	2.6	3.0	2.2	3.3	6.2	4.4	. .	. .	1.5
0124 Sheep farming	2.2	2.2	2.2	2.2	2.5	2.9	. .	. .	1.2
0125 Beef cattle farming	1.3	1.4	0.5	2.5	1.4	2.1	. .	. .	0.6
0130 Dairy cattle farming	2.6	1.2	1.4	2.1	1.5	1.6	. .	. .	0.9
0141 Poultry farming (meat)	6.6	9.9	3.2	7.0	1.9	3.1	. .	. .	3.8
0142 Poultry farming (eggs)	3.8	9.4	5.6	8.7	2.6	4.6	. .	. .	3.1
0151 Pig farming	5.4	7.4	2.3	5.1	7.5	8.1	. .	. .	2.3
0152 Horse farming	6.8	7.0	8.9	10.2	4.2	11.0	. .	. .	3.8
0153 Deer farming	19.9	22.7	23.9	18.6	13.8	22.9	. .	. .	10.7
0159 Livestock farming n.e.c.	11.1	10.8	13.5	11.5	10.1	13.5	. .	. .	5.8
0161 Sugar cane growing	2.9	. .	0.6	. .	28.6	. .	. .	. .	0.6
0162 Cotton growing	4.2	. .	1.6	. .	. .	. .	. .	. .	2.3
0169 Crop and plant growing n.e.c.	14.1	10.4	4.6	10.1	12.2	10.4	. .	. .	4.6
Agriculture	*0.2*	*0.3*	*0.2*	*0.2*	*0.2*	*0.3*	. .	. .	*0.1*
All other industries	*5.1*	*6.4*	*3.3*	*4.2*	*4.2*	*5.2*	. .	. .	*2.3*
Total	**0.2**	**0.3**	**0.2**	**0.2**	**0.2**	**0.3**	**. .**	**. .**	**0.1**

— nil or rounded to zero (including null cells)

. . not applicable

2 ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY, By EVAO—As at 31 March 1998

ANZSIC Code & Description		ESTIMATED VALUE OF AGRICULTURAL OPERATIONS ($) 0–22 499 (a)	22 500-49 999	50 000-99 999	100 000-149 999	150 000-199 999	200 000-499 999	500 000 and over	TOTAL ESTABLISHMENTS
		NUMBER							
0111	Plant nurseries	276	406	476	251	228	284	191	2 112
0112	Cut flower and flower seed growing	152	228	295	109	77	128	54	1 043
0113	Vegetable growing	577	636	857	431	392	1 068	810	4 772
0114	Grape growing	488	1 153	1 676	832	383	579	200	5 310
0115	Apple and pear growing	60	123	214	178	123	319	263	1 279
0116	Stone fruit growing	280	353	269	147	74	130	53	1 307
0117	Kiwi fruit growing	12	33	7	3	—	2	2	59
0119	Fruit growing n.e.c.	1 085	1 078	1 063	587	358	855	382	5 408
0121	Grain growing	635	959	1 784	1 645	1 605	5 565	3 095	15 289
0122	Grain-sheep/beef cattle farming	707	1 888	3 524	3 301	2 321	5 724	1 764	19 229
0123	Sheep-beef cattle farming	1 287	1 963	2 172	1 248	713	1 321	263	8 966
0124	Sheep farming	2 672	3 152	3 706	2 324	1 196	1 883	334	15 267
0125	Beef cattle farming	15 870	7 279	4 085	1 509	852	1 553	637	31 785
0130	Dairy cattle farming	248	707	1 729	2 694	2 450	5 363	821	14 010
0141	Poultry farming (meat)	9	33	36	47	49	270	398	843
0142	Poultry farming (eggs)	35	27	42	36	51	161	169	520
0151	Pig farming	109	104	141	149	128	303	282	1 217
0152	Horse farming	591	503	289	102	45	58	26	1 613
0153	Deer farming	145	54	18	2	6	—	—	225
0159	Livestock farming n.e.c.	257	148	93	54	37	53	27	669
0161	Sugar cane growing	71	182	744	875	800	1 900	579	5 151
0162	Cotton growing	—	—	—	15	11	178	908	1 112
0169	Crop and plant growing n.e.c.	354	321	262	172	89	194	76	1 467
Agriculture		*25 920*	*21 330*	*23 482*	*16 713*	*11 986*	*27 891*	*11 332*	*138 654*
All other industries		*5 041*	*438*	*267*	*123*	*104*	*164*	*68*	*6 206*
Total		**30 961**	**21 768**	**23 749**	**16 836**	**12 090**	**28 055**	**11 400**	**144 860**
		STANDARD ERROR (%)							
0111	Plant nurseries	9.1	8.4	7.0	10.7	10.9	7.0	7.9	2.0
0112	Cut flower and flower seed growing	9.6	11.4	7.5	11.8	11.6	10.3	6.5	3.3
0113	Vegetable growing	5.3	4.3	4.6	4.7	4.8	2.4	2.8	1.1
0114	Grape growing	7.7	6.7	5.3	7.5	8.7	3.4	5.0	1.1
0115	Apple and pear growing	19.0	7.7	7.2	6.8	7.4	4.4	3.5	1.7
0116	Stone fruit growing	5.1	4.7	3.9	5.1	7.6	3.1	3.8	1.8
0117	Kiwi fruit growing	42.0	59.4	28.1	47.5	. .	28.7	9.7	34.2
0119	Fruit growing n.e.c.	3.7	3.2	2.6	2.9	3.5	2.1	1.8	0.9
0121	Grain growing	8.1	5.5	4.0	3.8	3.7	1.6	1.5	0.9
0122	Grain-sheep/beef cattle farming	9.1	5.4	3.7	3.1	3.2	1.4	2.4	0.9
0123	Sheep-beef cattle farming	6.5	5.0	3.9	4.2	4.3	2.2	3.7	1.5
0124	Sheep farming	4.4	4.5	3.7	4.0	4.8	2.4	4.4	1.2
0125	Beef cattle farming	1.1	1.8	1.9	2.5	2.8	1.5	1.6	0.6
0130	Dairy cattle farming	14.7	10.5	6.3	4.9	4.4	2.0	4.1	0.9
0141	Poultry farming (meat)	16.5	54.6	18.9	20.6	16.5	8.7	5.1	3.8
0142	Poultry farming (eggs)	18.0	15.1	18.1	20.5	19.7	4.8	3.6	3.1
0151	Pig farming	14.6	12.7	7.8	8.1	10.7	4.4	4.1	2.3
0152	Horse farming	8.8	10.1	10.1	16.7	25.0	18.0	26.6	3.8
0153	Deer farming	14.5	19.5	44.9	10.4	40.9	. .	. .	10.7
0159	Livestock farming n.e.c.	13.1	12.6	12.2	19.8	24.4	12.7	16.0	5.8
0161	Sugar cane growing	24.9	17.9	6.1	6.0	6.0	2.4	2.8	0.6
0162	Cotton growing	. .	. .	. .	41.1	17.7	9.0	2.8	2.3
0169	Crop and plant growing n.e.c.	11.9	13.0	9.6	10.0	11.3	8.8	8.6	4.6
Agriculture		*1.0*	*1.3*	*1.1*	*1.3*	*1.4*	*0.6*	*0.7*	*0.1*
All other industries		*2.7*	*9.5*	*8.5*	*13.6*	*19.5*	*7.0*	*3.9*	*2.3*
Total		**0.8**	**1.2**	**1.1**	**1.3**	**1.4**	**0.6**	**0.7**	**0.1**

— nil or rounded to zero (including null cells)

. . not applicable

(a) Establishments with EVAO of less than $5000 on the population frame are not in scope of the survey, however, some respondents may report activity below this level in the survey.

3 ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY, By Area—As at 31 March 1998

ANZSIC Code & Description		AREA OF HOLDING (hectares) 0–49	50–99	100–499	500–999	1 000–2 499	2 500–24 999	25 000–99 999	100 000–199 999	200 000–499 999	500 000 or more	TOTAL ESTABLISHMENTS
						NUMBER						
0111	Plant nurseries	1 791	125	152	27	10	7	—	—	—	—	2 112
0112	Cut flower and flower seed growing	822	90	101	17	8	5	—	—	—	—	1 043
0113	Vegetable growing	2 465	753	1 252	174	85	39	3	—	—	—	4 772
0114	Grape growing	4 289	438	486	55	31	11	—	—	—	—	5 310
0115	Apple and pear growing	803	225	224	26	1	—	—	—	—	—	1 279
0116	Stone fruit growing	1 061	126	106	9	6	—	—	—	—	—	1 307
0117	Kiwi fruit growing	26	24	9	—	—	—	—	—	—	—	59
0119	Fruit growing n.e.c.	4 022	715	554	68	31	18	1	—	—	—	5 408
0121	Grain growing	283	501	4 169	3 367	4 254	2 682	32	—	—	—	15 289
0122	Grain-sheep/beef cattle farming	157	353	4 695	5 409	5 874	2 687	49	4	—	—	19 229
0123	Sheep-beef cattle farming	258	449	3 311	1 748	1 661	1 105	346	41	40	7	8 966
0124	Sheep farming	503	918	6 519	3 174	1 972	1 466	504	123	82	8	15 267
0125	Beef cattle farming	4 200	5 284	12 526	3 220	2 638	2 863	535	158	266	95	31 785
0130	Dairy cattle farming	1 269	2 868	8 962	717	149	41	4	—	—	—	14 010
0141	Poultry farming (meat)	652	75	99	11	5	—	—	—	—	—	843
0142	Poultry farming (eggs)	382	34	72	13	15	3	—	—	—	—	520
0151	Pig farming	401	160	454	120	61	20	—	—	—	—	1 217
0152	Horse farming	642	420	462	47	29	13	—	—	—	—	1 613
0153	Deer farming	89	48	75	10	2	1	—	—	—	—	225
0159	Livestock farming n.e.c.	343	138	131	24	18	10	3	—	2	—	669
0161	Sugar cane growing	1 247	1 606	2 041	149	65	42	1	—	—	—	5 151
0162	Cotton growing	8	10	322	232	303	228	8	1	—	—	1 112
0169	Crop and plant growing n.e.c.	554	325	477	53	38	17	2	—	1	—	1 467
Agriculture		*26 268*	*15 685*	*47 200*	*18 669*	*17 258*	*11 258*	*1 489*	*327*	*391*	*109*	*138 654*
All other industries		*3 775*	*604*	*1 209*	*256*	*232*	*89*	*26*	*6*	*10*	*1*	*6 206*
Total		**30 043**	**16 289**	**48 409**	**18 925**	**17 489**	**11 347**	**1 515**	**332**	**401**	**110**	**144 860**
						STANDARD ERROR (%)						
0111	Plant nurseries	2.3	13.0	11.3	44.0	—	34.8	. .	. .	. .	. .	2.0
0112	Cut flower and flower seed growing	3.7	14.0	12.8	21.1	34.9	19.9	. .	. .	. .	. .	3.3
0113	Vegetable growing	1.9	3.4	2.8	5.7	6.2	11.0	16.6	. .	. .	. .	1.1
0114	Grape growing	1.3	5.2	4.9	9.3	11.0	19.7	. .	. .	. .	. .	1.1
0115	Apple and pear growing	2.6	5.3	4.6	12.8	. .	. .	. .	. .	. .	. .	1.7
0116	Stone fruit growing	2.2	5.1	4.2	13.7	20.2	. .	. .	. .	. .	. .	1.8
0117	Kiwi fruit growing	22.6	75.6	73.2	. .	. .	. .	. .	. .	. .	. .	34.2
0119	Fruit growing n.e.c.	1.1	3.4	4.6	3.9	9.7	16.1	. .	. .	. .	. .	0.9
0121	Grain growing	9.3	8.0	2.3	2.4	1.9	1.9	9.2	. .	. .	. .	0.9
0122	Grain-sheep/beef cattle farming	19.9	13.3	3.1	2.4	1.7	2.0	7.8	—	. .	. .	0.9
0123	Sheep-beef cattle farming	16.1	10.2	3.4	4.2	3.8	3.0	3.6	10.3	11.3	5.1	1.5
0124	Sheep farming	12.9	9.1	2.6	3.6	4.0	3.0	3.6	4.3	5.2	12.3	1.2
0125	Beef cattle farming	3.5	3.0	1.5	2.8	2.6	1.5	3.0	4.1	2.5	2.6	0.6
0130	Dairy cattle farming	7.9	4.6	1.6	5.4	9.3	12.0	7.9	. .	. .	. .	0.9
0141	Poultry farming (meat)	4.4	12.3	18.3	1.6	7.6	. .	. .	. .	. .	. .	3.8
0142	Poultry farming (eggs)	3.3	12.9	13.7	10.0	11.9	—	. .	. .	. .	. .	3.1
0151	Pig farming	5.1	7.4	4.2	9.4	12.7	4.4	. .	. .	. .	. .	2.3
0152	Horse farming	8.4	10.8	8.4	21.1	29.1	15.8	. .	. .	. .	. .	3.8
0153	Deer farming	19.0	20.1	20.8	38.2	15.0	11.3	. .	. .	. .	. .	10.7
0159	Livestock farming n.e.c.	8.5	18.1	11.1	21.3	14.3	13.4	—	. .	58.2	. .	5.8
0161	Sugar cane growing	4.4	3.7	2.5	8.1	13.2	12.5	. .	. .	. .	. .	0.6
0162	Cotton growing	50.2	27.0	6.5	7.7	7.6	8.2	5.4	. .	. .	. .	2.3
0169	Crop and plant growing n.e.c.	7.7	10.5	8.7	13.7	12.9	32.0	—	. .	57.2	. .	4.6
Agriculture		*0.9*	*1.6*	*0.7*	*1.2*	*1.0*	*0.8*	*1.8*	*2.8*	*2.2*	2.4	*0.1*
All other industries		*3.1*	*8.2*	*6.0*	*12.0*	*10.4*	*7.5*	*29.4*	*27.2*	*16.4*	. .	*2.3*
Total		**0.8**	**1.6**	**0.7**	**1.1**	**1.0**	**0.8**	**1.8**	**2.8**	**2.1**	**2.4**	**0.1**

— nil or rounded to zero (including null cells)

. . not applicable

CEREALS FOR GRAIN—Years ended 31 March

	Area	*SE*	*Production*	*SE*	*Yield*	*SE*
	000 ha	%	000 t	%	t/ha	%
BARLEY						
1998						
New South Wales	701	2.4	1 365	2.3	1.9	1.2
Victoria	618	2.4	928	2.5	1.5	1.5
Queensland	135	1.7	205	2.1	1.5	1.3
South Australia	1 017	1.4	2 027	1.4	2.0	0.9
Western Australia	1 036	2.3	1 926	2.3	1.9	0.8
Tasmania	13	3.7	31	3.3	2.4	2.2
Northern Territory	—	. .	—	. .	—	. .
Australian Capital Territory	—	. .	—	. .	1.9	. .
Australia						
1998	3 521	1.0	6 482	1.0	1.8	0.5
1997	3 367	. .	6 696	. .	2.0	. .
1996	3 111	. .	5 823	. .	1.9	. .
GRAIN SORGHUM						
1998						
New South Wales	123	5.1	382	6.2	3.1	3.1
Victoria	3	35.6	6	33.3	1.9	8.7
Queensland	379	1.3	691	1.5	1.8	1.0
South Australia	—	. .	—	. .	—	. .
Western Australia	1	7.6	2	0.5	2.3	7.1
Tasmania	—	. .	—	. .	—	. .
Northern Territory	—	. .	—	. .	0.4	. .
Australian Capital Territory	—	. .	—	. .	—	. .
Australia						
1998	507	1.6	1 081	2.4	2.1	1.4
1997	544	. .	1 425	. .	2.6	. .
1996	770	. .	1 592	. .	2.1	. .
MAIZE						
1998						
New South Wales	22	6.9	161	7.1	7.2	3.3
Victoria	1	42.9	10	43.7	10.9	12.0
Queensland	34	7.3	97	3.9	2.9	6.5
South Australia	—	63.1	—	57.4	4.5	49.3
Western Australia	—	. .	3	. .	8.3	. .
Tasmania	—	. .	—	. .	—	. .
Northern Territory	—	. .	—	. .	2.5	. .
Australian Capital Territory	—	. .	—	. .	—	. .
Australia						
1998	57	5.1	272	4.7	4.7	4.5
1997	67	. .	398	. .	6.0	. .
1996	56	. .	311	. .	5.5	. .

	Area	*SE*	*Production*	*SE*	*Yield*	*SE*
	000 ha	%	000 t	%	t/ha	%
OATS						
1998						
New South Wales	325	2.6	488	2.6	1.5	1.6
Victoria	172	3.8	369	4.2	2.1	2.5
Queensland	16	5.7	13	6.2	0.8	4.3
South Australia	111	4.9	153	4.9	1.4	3.2
Western Australia	305	3.5	596	3.7	2.0	1.2
Tasmania	8	3.9	15	4.6	1.9	2.0
Northern Territory	—	. .	—	. .	—	. .
Australian Capital Territory	—	. .	—	. .	1.1	. .
Australia						
1998	937	1.7	1 634	1.9	1.7	1.0
1997	1 052	. .	1 653	. .	1.6	. .
1996	1 136	. .	1 875	. .	1.6	. .
RICE						
1998						
New South Wales	146	3.2	1 320	3.0	9.0	—
Victoria	1	—	4	—	6.9	—
Queensland	—	. .	—	. .	—	. .
South Australia	—	. .	—	. .	—	. .
Western Australia	—	. .	—	. .	—	. .
Tasmania	—	. .	—	. .	—	. .
Northern Territory	—	. .	—	. .	—	. .
Australian Capital Territory	—	. .	—	. .	—	. .
Australia						
1998	147	3.2	1 324	3.0	9.0	0.9
1997	152	. .	1 255	. .	8.2	. .
1996	137	. .	966	. .	7.1	. .
TRITICALE						
1998						
New South Wales	132	5.1	267	4.5	2.0	3.6
Victoria	108	6.5	183	6.5	1.7	3.5
Queensland	1	13.6	1	10.9	1.2	11.8
South Australia	97	4.6	140	4.3	1.4	2.4
Western Australia	27	9.4	35	10.0	1.3	3.3
Tasmania	2	7.5	7	6.5	3.8	3.7
Northern Territory	—	. .	—	. .	—	. .
Australian Capital Territory	—	. .	—	. .	—	. .
Australia						
1998	366	3.0	633	2.9	1.7	1.8
1997	346	. .	674	. .	1.9	. .
1996	221	. .	469	. .	2.1	. .

CEREALS FOR GRAIN—Years ended 31 March *continued*

	Area	*SE*	*Production*	*SE*	*Yield*	*SE*
	000 ha	%	000 t	%	t/ha	%
WHEAT						
1998						
New South Wales	2 936	1.4	5 906	1.4	2.0	0.9
Victoria	857	1.9	1 503	1.8	1.8	1.3
Queensland	999	1.1	1 389	1.1	1.4	0.5
South Australia	1 439	1.4	2 689	1.1	1.9	1.0
Western Australia	4 205	1.1	7 725	1.1	1.8	0.6
Tasmania	3	5.9	12	6.1	4.2	2.5
Northern Territory	—	. .	—	. .	—	. .
Australian Capital Territory	—	. .	—	. .	2.3	. .
Australia						
1998	10 439	0.7	19 224	0.7	1.8	0.4
1997	10 936	. .	22 925	. .	2.1	. .
1996	9 221	. .	16 504	. .	1.8	. .
TOTAL CEREALS FOR GRAIN(a)						
1998						
New South Wales	4 396	1.2	9 901	1.1	. .	. .
Victoria	1 765	1.4	3 008	1.4	. .	. .
Queensland	1 590	0.8	2 419	0.9	. .	. .
South Australia	2 676	1.0	5 016	0.9	. .	. .
Western Australia	5 575	0.8	10 289	0.8	. .	. .
Tasmania	26	2.7	65	2.8	. .	. .
Northern Territory	—	. .	—	. .	. .	. .
Australian Capital Territory	—	. .	—	. .	. .	. .
Australia						
1998	16 028	0.5	30 697	0.5	. .	. .
1997	16 508	. .	35 065	. .	. .	. .
1996(b)	. .	. .	. .	. .	. .	. .

— nil or rounded to zero (including null cells)

. . not applicable

(a) Includes other cereals for grain.

(b) Data not collected.

5 LEGUMES FOR GRAIN—Years ended 31 March

	Area	*SE*	*Production*	*SE*	*Yield*	*SE*
	000 ha	%	000 t	%	t/ha	%
FIELD PEAS						
1998						
New South Wales	18	9.9	16	9.1	0.9	6.5
Victoria	171	4.5	98	4.9	0.6	3.3
Queensland	1	16.0	—	16.3	0.7	2.4
South Australia	140	2.7	169	2.8	1.2	1.7
Western Australia	37	9.2	31	9.7	0.8	3.2
Tasmania	1	13.6	1	12.1	2.3	4.4
Northern Territory	—	. .	—	. .	—	. .
Australian Capital Territory	—	. .	—	. .	—	. .
Australia						
1998	366	2.5	316	2.4	0.9	1.7
1997	336	. .	454	. .	1.4	. .
1996	382	. .	530	. .	1.4	. .
LUPINS						
1998						
New South Wales	80	4.9	75	4.8	0.9	2.6
Victoria	41	7.1	33	8.0	0.8	4.0
Queensland	—	69.5	—	69.7	1.1	0.3
South Australia	96	4.0	106	4.4	1.1	2.0
Western Australia	1 207	1.9	1 347	2.3	1.1	1.5
Tasmania	—	29.5	—	19.7	2.0	10.5
Northern Territory	—	. .	—	. .	—	. .
Australian Capital Territory	—	. .	—	. .	—	. .
Australia						
1998	1 425	1.7	1 561	2.1	1.1	1.3
1997	1 260	. .	1 522	. .	1.2	. .
1996	1 323	. .	1 559	. .	1.2	. .
TOTAL LEGUMES FOR GRAIN(a)						
1998						
New South Wales	185	4.0	171	3.9	. .	. .
Victoria	447	2.7	278	3.3	. .	. .
Queensland	69	2.2	49	2.5	. .	. .
South Australia	316	1.9	371	2.0	. .	. .
Western Australia	1 339	1.8	1 442	2.2	. .	. .
Tasmania	1	12.3	1	10.1	. .	. .
Northern Territory	—	. .	—	. .	. .	. .
Australian Capital Territory	—	. .	—	. .	. .	. .
Australia						
1998	2 357	1.2	2 312	1.5	. .	. .
1997	2 059	. .	2 525	. .	. .	. .
1996(b)	. .	. .	. .	. .	. .	. .

— nil or rounded to zero (including null cells)

. . not applicable

(a) Includes other legumes for grain.

(b) Data not collected.

6 CROPS FOR HAY—Years ended 31 March

	Area	*SE*	*Production*	*SE*	*Yield*	*SE*
	000 ha	%	000 t	%	t/ha	%
1998						
New South Wales	91	3.5	304	3.8	3.3	2.3
Victoria	98	4.5	355	4.7	3.6	2.8
Queensland	32	2.9	122	4.2	3.8	3.4
South Australia	123	2.6	445	3.0	3.6	1.6
Western Australia	113	3.8	493	3.9	4.4	2.0
Tasmania	3	6.5	14	7.6	4.1	5.7
Northern Territory	1	. .	4	. .	4.9	. .
Australian Capital Territory	—	. .	—	. .	1.6	. .
Australia						
1998	460	1.7	1 737	1.8	3.8	1.0
1997	363	. .	1 329	. .	3.7	. .
1996(a)	. .	. .	. .	. .	. .	. .

— nil or rounded to zero (including null cells)

. . not applicable

(a) Data not collected.

PASTURES AND GRASSES FOR HAY—Years ended 31 March

	Area	*SE*	*Production*	*SE*	*Yield*	*SE*
	000 ha	%	000 t	%	t/ha	%
LUCERNE						
1998						
New South Wales	79	4.1	370	5.1	4.7	3.6
Victoria	39	6.9	182	8.6	4.7	5.9
Queensland	21	3.2	184	3.3	8.9	1.9
South Australia	35	14.5	103	6.5	3.0	10.2
Western Australia	2	9.9	11	11.7	5.6	6.2
Tasmania	2	7.8	9	7.2	4.4	4.2
Northern Territory	—	. .	2	. .	6.4	. .
Australian Capital Territory	—	. .	—	. .	5.6	. .
Australia						
1998	179	3.7	863	3.0	4.8	3.1
1997	184	. .	897	. .	4.9	. .
1996(a)	210	. .	989	. .	4.7	. .
OTHER						
1998						
New South Wales	89	3.5	273	4.1	3.1	2.3
Victoria	450	2.0	1 573	2.2	3.5	1.5
Queensland	21	5.2	62	5.1	2.9	4.3
South Australia	82	2.7	269	3.1	3.3	1.7
Western Australia	88	2.3	310	2.6	3.5	1.6
Tasmania	50	1.9	198	2.1	4.0	1.5
Northern Territory	8	. .	10	. .	1.2	. .
Australian Capital Territory	—	. .	—	. .	1.8	. .
Australia						
1998	789	1.3	2 695	1.4	3.4	1.0
1997	738	. .	2 461	. .	3.3	. .
1996(a)	827	. .	3 066	. .	3.7	. .
TOTAL						
1998						
New South Wales	169	2.6	643	3.4	. .	. .
Victoria	489	1.9	1 756	2.2	. .	. .
Queensland	41	3.1	246	2.8	. .	. .
South Australia	117	4.7	372	2.8	. .	. .
Western Australia	90	2.3	321	2.5	. .	. .
Tasmania	52	1.9	207	2.0	. .	. .
Northern Territory	9	. .	12	. .	. .	. .
Australian Capital Territory	—	. .	1	. .	. .	. .
Australia						
1998	967	1.3	3 558	1.3	. .	. .
1997	922	. .	3 358	. .	. .	. .
1996(a)	1 152	. .	4 496	. .	. .	. .

— nil or rounded to zero (including null cells)

. . not applicable

(a) Data not collected for Western Australia and Northern Territory.

8 OILSEEDS—Years ended 31 March

	Area	*SE*	*Production*	*SE*	*Yield*	*SE*
	000 ha	%	000 t	%	t/ha	%
CANOLA						
1998						
New South Wales	270	2.9	362	3.0	1.3	1.2
Victoria	117	4.2	136	4.1	1.2	2.5
Queensland	—	23.4	—	24.2	0.5	9.1
South Australia	63	3.7	88	4.0	1.4	1.5
Western Australia	248	3.8	270	4.1	1.1	1.6
Tasmania	—	15.0	—	15.0	1.1	0.1
Northern Territory	—	. .	—	. .	—	. .
Australia						
1998	698	1.9	855	2.0	1.2	0.9
1997	408	. .	623	. .	1.5	. .
1996	377	. .	557	. .	1.5	. .
TOTAL OILSEEDS (a)						
1998						
New South Wales	310	2.7	419	2.8	. .	. .
Victoria	125	4.0	142	4.0	. .	. .
Queensland	89	3.2	82	2.8	. .	. .
South Australia	67	3.6	92	4.0	. .	. .
Western Australia	248	3.8	270	4.1	. .	. .
Tasmania	—	15.4	—	14.1	. .	. .
Northern Territory	—	. .	—	. .	. .	. .
Australia						
1998	839	1.7	1 005	1.7	. .	. .
1997	622	. .	864	. .	. .	. .
1996(b)	. .	. .	. .	. .	. .	. .

— nil or rounded to zero (including null cells)

. . not applicable

(a) Includes other oilseeds.

(b) Data not collected.

SELECTED OTHER CROPS—Years ended 31 March

	Area	*SE*	*Production*	*SE*	*Yield*	*SE*
	000 ha	%	000 t	%	t/ha	%
SUGAR CANE CUT FOR CRUSHING						
1998						
New South Wales	19	4.5	2 416	4.4	128.8	3.3
Victoria(a)	. .	. .	. .	. .	. .	. .
Queensland	394	0.8	36 790	0.8	93.4	0.6
South Australia(a)	. .	. .	. .	. .	. .	. .
Western Australia	3	2.8	326	2.0	126.7	0.8
Tasmania(a)	. .	. .	. .	. .	. .	. .
Northern Territory(a)	. .	. .	. .	. .	. .	. .
Australia						
1998	415	0.7	39 531	0.8	95.2	0.6
1997	390	. .	38 633	. .	99.0	. .
1996	377	. .	35 889	. .	95.2	. .
SEED COTTON(b)						
1998						
New South Wales	244	. .	1 095	. .	4.5	. .
Victoria(a)	. .	. .	. .	. .	. .	. .
Queensland	137	. .	424	. .	3.1	. .
South Australia(a)	. .	. .	. .	. .	. .	. .
Western Australia	—	. .	—	. .	6.2	. .
Tasmania(a)	. .	. .	. .	. .	. .	. .
Northern Territory(a)	. .	. .	. .	. .	. .	. .
Australia						
1998	382	. .	1 519	. .	4.0	. .
1997	378	. .	1 485	. .	3.9	. .
1996	315	. .	923	. .	2.9	. .

. . not applicable

— nil or rounded to zero (including null cells)

(a) Data not collected.

(b) The Cotton collection was conducted as a census and as such standard errors are not applicable.

CITRUS FRUIT—Years ended 31 March

	Number of trees(a)	SE	Production	SE	Yield(a)	SE
	000	%	t	%	kg/tree	%
ORANGES						
1998						
New South Wales	3 349	2.2	217 913	2.6	65.1	1.7
Victoria	1 095	5.3	82 614	2.9	75.5	4.4
Queensland	188	5.2	13 559	5.7	72.3	3.6
South Australia	1 860	2.1	180 253	2.3	96.9	1.6
Western Australia	175	3.9	5 445	4.2	31.0	2.6
Tasmania	—	. .	—	. .	—	. .
Northern Territory	—	. .	—	. .	—	. .
Australia						
1998	6 667	1.5	499 784	1.5	75.0	1.2
1997	6 736	. .	522 622	. .	77.6	. .
1996	6 477	. .	442 077	. .	68.3	. .
MANDARINS						
1998						
New South Wales	135	8.7	5 564	10.1	41.2	6.0
Victoria	110	6.7	4 726	4.8	43.2	3.5
Queensland	635	3.7	40 717	5.1	64.1	2.5
South Australia	159	3.1	10 028	2.7	63.1	1.6
Western Australia	51	5.5	1 529	6.7	29.9	4.4
Tasmania	—	. .	—	. .	—	. .
Northern Territory	—	. .	4	. .	40.4	. .
Australia						
1998	1 090	2.5	62 568	3.5	57.4	1.9
1997	1 074	. .	72 937	. .	67.9	. .
1996	824	. .	62 017	. .	75.3	. .
LEMONS AND LIMES						
1998						
New South Wales	137	9.0	4 809	7.5	35.1	4.7
Victoria	80	10.4	5 744	9.1	71.9	4.0
Queensland	88	3.6	5 828	4.5	66.4	3.5
South Australia	89	3.9	11 492	3.8	129.5	3.1
Western Australia	12	11.6	819	13.4	65.7	5.2
Tasmania	—	. .	—	. .	—	. .
Northern Territory	1	. .	17	. .	17.2	. .
Australia						
1998	407	3.8	28 709	2.9	70.5	2.6
1997	389	. .	32 991	. .	84.9	. .
1996	403	. .	30 614	. .	76.0	. .

— nil or rounded to zero (including null cells)

. . not applicable

(a) Number of trees and yield derived based on number of trees six years and over.

11 POME FRUIT(a)—Years ended 31 March

	Number of trees(b)	*Production*	*Yield(b)*
	000	t	kg/tree
APPLES			
1998			
New South Wales	1 413	77 561	54.9
Victoria	1 507	94 312	62.6
Queensland	657	31 249	47.6
South Australia	555	24 849	44.8
Western Australia	661	34 174	51.7
Tasmania	1 051	46 693	44.4
Northern Territory(c)	. .	. .	. .
Australian Capital Territory	1	19	13.3
Australia			
1998	5 845	308 856	52.8
1997	5 656	353 069	62.4
1996	5 302	r280 597	52.9
PEARS (EXCLUDING NASHI)			
1998			
New South Wales	50	2 175	43.2
Victoria	1 080	131 442	121.7
Queensland	27	1 715	62.5
South Australia	75	5 918	78.9
Western Australia	133	10 919	82.3
Tasmania	15	707	46.0
Northern Territory(c)	. .	. .	. .
Australian Capital Territory	—	—	45.0
Australia			
1998	1 381	152 877	110.7
1997	1 416	167 562	118.3
1996	1 384	156 022	112.7

. . not applicable
— nil or rounded to zero (including null cells)
r revised
(a) The Apple and Pear collection was conducted as a census and as such standard errors are not applicable.
(b) Number of trees and yield derived based on number of trees six years and over.
(c) Data not collected.

12 SELECTED STONE FRUIT—Years ended 31 March

	Number of trees(a)	SE	Production	SE	Yield(a)	SE
	000	%	t	%	kg/tree	%
APRICOTS						
1998						
New South Wales	36	15.6	682	15.3	19.1	17.3
Victoria	177	5.8	6 183	7.3	35.0	5.2
Queensland	22	13.2	202	10.2	9.1	14.6
South Australia	301	3.5	12 271	3.7	40.8	2.5
Western Australia	15	4.8	397	4.8	26.0	4.2
Tasmania	18	10.4	146	3.7	8.3	10.9
Northern Territory	—	. .	—	. .	—	. .
Australia						
1998	569	2.8	19 881	3.3	35.0	2.5
1997	629	. .	25 920	. .	41.2	. .
1996	634	. .	21 640	. .	34.1	. .
CHERRIES						
1998						
New South Wales	391	3.0	3 162	3.9	8.1	2.7
Victoria	128	5.3	2 525	7.7	19.7	4.8
Queensland	—	32.1	2	20.6	6.9	24.5
South Australia	77	5.2	1 040	4.8	13.5	4.0
Western Australia	20	6.2	70	8.4	3.4	7.1
Tasmania	28	12.2	185	12.5	6.6	7.9
Northern Territory	—	. .	—	. .	—	. .
Australia						
1998	645	2.2	6 985	3.4	10.8	2.5
1997	625	. .	6 683	. .	10.7	. .
1996	571	. .	4 783	. .	8.4	. .
NECTARINES						
1998						
New South Wales	375	3.9	8 781	4.1	23.4	3.7
Victoria	212	4.2	6 982	4.5	33.0	3.7
Queensland	160	3.4	2 770	4.0	17.3	2.7
South Australia	36	10.4	1 365	10.7	37.6	4.6
Western Australia	125	2.8	2 824	2.2	22.5	2.3
Tasmania	5	42.5	36	30.0	6.7	14.9
Northern Territory	—	. .	—	. .	—	. .
Australia						
1998	915	2.1	22 757	2.3	24.9	1.9
1997	850	. .	21 887	. .	25.7	. .
1996	781	. .	18 247	. .	23.4	. .
PEACHES						
1998						
New South Wales	490	4.0	12 549	4.7	25.6	3.0
Victoria	624	4.2	41 025	3.1	65.8	3.0
Queensland	193	4.1	3 209	3.2	16.6	3.7
South Australia	101	5.7	5 723	5.9	56.6	3.3
Western Australia	89	3.5	2 284	3.1	25.7	2.8
Tasmania	2	—	18	6.9	9.7	6.9
Northern Territory	—	. .	—	. .	—	. .
Australia						
1998	1 498	2.3	64 807	2.3	43.3	1.8
1997	1 475	. .	72 099	. .	48.9	. .
1996	1 296	. .	60 389	. .	46.6	. .

— nil or rounded to zero (including null cells)

. . not applicable

(a) Number of trees and yield derived based on number of trees six years and over.

13 SELECTED OTHER FRUIT—Years ended 31 March

	Number of trees(a)	*SE*	*Production*	*SE*	*Yield(a)*	*SE*
	000	%	t	%	kg/tree	%
ALMONDS (KERNEL)						
1998						
New South Wales	32	26.9	288	27.9	9.1	11.0
Victoria	412	2.7	4 133	3.2	10.0	1.2
Queensland	1	1.5	2	10.5	2.6	9.0
South Australia	491	8.7	2 456	6.5	5.0	7.8
Western Australia	2	0.1	2	0.2	0.9	0.1
Tasmania	—	82.3	—	. .	—	. .
Northern Territory	—	. .	—	. .	—	. .
Australian Capital Territory	—	. .	—	. .	—	. .
Australia						
1998	937	4.8	6 880	3.2	7.3	4.1
1997	947	. .	5 893	. .	6.2	. .
1996	913	. .	5 021	. .	5.5	. .
AVOCADOS						
1998						
New South Wales	95	7.1	3 954	7.5	41.8	5.0
Victoria	22	7.9	571	8.9	26.3	9.1
Queensland	264	4.6	13 269	6.1	50.3	4.1
South Australia	28	17.5	309	12.6	11.1	10.9
Western Australia	50	8.1	2 071	8.3	41.8	6.3
Tasmania	—	. .	—	. .	—	. .
Northern Territory	—	. .	—	. .	—	. .
Australian Capital Territory	—	. .	—	. .	—	. .
Australia						
1998	458	3.3	20 174	4.4	44.1	3.1
1997	440	. .	20 072	. .	45.6	. .
1996	414	. .	16 416	. .	39.7	. .
MACADAMIA						
1998						
New South Wales	1 348	3.4	13 411	3.9	9.9	1.9
Victoria	—	. .	—	. .	—	. .
Queensland	1 092	8.3	6 923	7.2	6.3	4.8
South Australia	—	. .	—	. .	4.4	. .
Western Australia	1	0.2	3	3.3	3.2	3.3
Tasmania	—	. .	—	. .	—	. .
Northern Territory	—	. .	—	. .	—	. .
Australian Capital Territory	—	. .	—	. .	—	. .
Australia						
1998	2 441	4.2	20 336	3.5	8.3	2.6
1997	1 846	. .	16 053	. .	8.7	. .
1996	1 511	. .	13 587	. .	9.0	. .
MANGOES						
1998						
New South Wales	28	21.9	206	33.2	7.4	28.8
Victoria(b)	. .	. .	. .	. .	. .	. .
Queensland	824	4.1	31 282	4.0	38.0	4.3
South Australia	—	. .	—	. .	—	. .
Western Australia	34	4.8	1 700	4.1	49.9	4.5
Tasmania(b)	. .	. .	. .	. .	. .	. .
Northern Territory	84	. .	3 379	. .	40.2	. .
Australian Capital Territory	—	. .	—	. .	—	. .
Australia						
1998	970	3.6	36 567	3.5	37.7	3.7
1997	671	. .	32 403	. .	48.3	. .
1996	608	. .	27 236	. .	44.8	. .

	Number of trees(a)	*SE*	*Production*	*SE*	*Yield(a)*	*SE*
	000	%	t	%	kg/tree	%
	OLIVES					
1998						
New South Wales	5	35.3	55	16.1	11.3	36.0
Victoria	67	21.0	282	25.0	4.0	24.0
Queensland	1	12.8	—	11.2	0.5	16.8
South Australia	38	28.5	416	20.3	10.9	15.6
Western Australia	1	26.0	9	6.0	8.3	22.9
Tasmania	—	. .	—	. .	—	. .
Northern Territory	—	. .	—	. .	—	. .
Australian Capital Territory	—	. .	—	. .	—	. .
Australia						
1998	112	16.1	763	14.3	6.8	13.2
1997	87	. .	642	. .	7.4	. .
1996(b)	. .	. .	. .	. .	. .	. .

— nil or rounded to zero (including null cells)

. . not applicable

(a) Number of trees and yield derived based on number of trees six years and over.

(b) Data not collected.

14 SELECTED SMALL AND BERRY FRUIT—Years ended 31 March

	Area	SE	Production	SE	Yield	SE
	ha	%	t	%	t/ha	%
RASPBERRIES						
1998						
New South Wales	30	27.6	46	30.0	1.5	13.9
Victoria	133	21.3	385	23.4	2.9	10.1
Queensland	3	20.5	9	27.0	3.5	13.2
South Australia	11	37.8	9	24.9	0.8	21.0
Western Australia	1	47.1	2	44.7	1.8	3.7
Tasmania	37	20.7	117	26.3	3.1	7.8
Northern Territory	—	. .	—	. .	—	. .
Australian Capital Territory	—	. .	—	. .	—	. .
Australia						
1998	215	14.4	568	16.9	2.6	7.7
1997	181	. .	361	. .	2.0	. .
1996	173	. .	370	. .	2.1	. .
STRAWBERRIES						
1998						
New South Wales	27	19.5	241	20.8	9.0	13.6
Victoria	251	8.3	5 476	9.6	21.8	6.0
Queensland	268	6.5	4 507	7.5	16.8	3.3
South Australia	62	13.4	1 430	11.7	23.1	4.2
Western Australia	81	7.3	1 634	8.0	20.1	4.2
Tasmania	26	8.6	136	7.1	5.4	4.6
Northern Territory	—	. .	—	. .	—	. .
Australian Capital Territory	5	. .	10	. .	2.1	. .
Australia						
1998	720	4.1	13 434	4.9	18.7	2.8
1997	701	. .	11 242	. .	16.0	. .
1996	637	. .	10 808	. .	17.0	. .
KIWIFRUIT						
1998						
New South Wales	89	26.8	624	40.4	7.0	19.1
Victoria	295	9.7	2 518	10.7	8.5	9.0
Queensland	28	17.1	200	19.7	7.1	14.4
South Australia	4	53.5	29	53.5	8.1	53.5
Western Australia	27	11.2	478	14.4	17.7	6.9
Tasmania	—	. .	—	. .	—	. .
Northern Territory	—	. .	—	. .	—	. .
Australian Capital Territory	—	. .	—	. .	—	. .
Australia						
1998	442	8.5	3 850	9.8	8.7	6.7
1997	481	. .	3 381	. .	7.0	. .
1996	330	. .	3 422	. .	10.4	. .

— nil or rounded to zero (including null cells)

. . not applicable

TROPICAL FRUIT—Years ended 31 March

	Area	*SE*	*Production*	*SE*	*Yield*	*SE*
	ha	%	t	%	t/ha	%
BANANAS						
1998						
New South Wales	3 087	4.0	39 945	4.5	12.9	3.2
Victoria(a)	. .	. .	. .	. .	. .	. .
Queensland	6 816	2.4	165 671	2.4	24.3	2.0
South Australia(a)	. .	. .	. .	. .	. .	. .
Western Australia	402	3.4	12 138	4.1	30.2	2.6
Tasmania(a)	. .	. .	. .	. .	. .	. .
Northern Territory	174	. .	5 203	. .	30.0	. .
Australian Capital Territory	—	. .	—	. .	—	. .
Australia						
1998	10 478	2.0	222 957	2.0	21.3	1.7
1997	9 589	. .	199 581	. .	20.8	. .
1996	8 893	. .	220 047	. .	24.7	. .
PAPAW						
1998						
New South Wales	8	29.6	2	10.2	0.3	29.8
Victoria(a)	. .	. .	. .	. .	. .	. .
Queensland	305	10.2	5 261	9.9	17.3	9.0
South Australia(a)	. .	. .	. .	. .	. .	. .
Western Australia	11	21.9	106	14.9	9.5	22.2
Tasmania(a)	. .	. .	. .	. .	. .	. .
Northern Territory	2	. .	24	. .	12.0	. .
Australian Capital Territory	—	. .	—	. .	—	. .
Australia						
1998	325	9.6	5 394	9.7	16.6	8.6
1997	321	. .	6 109	. .	19.0	. .
1996	316	. .	5 726	. .	18.1	. .
PINEAPPLES						
1998						
New South Wales	1	. .	1	. .	0.7	. .
Victoria(a)	. .	. .	. .	. .	. .	. .
Queensland	2 761	4.3	123 003	4.0	44.5	3.0
South Australia(a)	. .	. .	. .	. .	. .	. .
Western Australia	—	. .	—	. .	—	. .
Tasmania(a)	. .	. .	. .	. .	. .	. .
Northern Territory	—	. .	—	. .	—	. .
Australian Capital Territory	—	. .	—	. .	—	. .
Australia						
1998	2 762	4.3	123 004	4.0	44.5	3.0
1997	2 668	. .	122 981	. .	46.1	. .
1996	2 824	. .	127 864	. .	45.3	. .

. . not applicable

— nil or rounded to zero (including null cells)

(a) Data not collected.

16 PRODUCTION OF GRAPES(a)(b)—Years ended 31 March

	AREA OF VINES AT HARVEST				GRAPE PRODUCTION (fresh weight)			
	Bearing	*Not yet bearing: planted or grafted prior to collection year*	*Not yet bearing: planted or grafted during collection year*	*Total*	*Winemaking*	*Drying*	*Table and other*	*Total*
	ha	ha	ha	ha	t	t	t	t
1998								
New South Wales	17 108	2 324	2 765	22 197	175 321	31 438	11 228	217 987
Victoria	21 609	2 290	2 352	26 251	214 462	140 850	41 684	396 996
Queensland	1 041	199	165	1 405	693	—	4 113	4 806
South Australia	34 324	4 162	5 072	43 557	455 531	3 337	2 390	461 257
Western Australia	3 521	447	566	4 534	21 406	946	4 063	26 414
Tasmania	379	111	45	535	3 136	—	—	3 136
Northern Territory	100	—	24	125	14	—	1 494	1 508
Australian Capital Territory	9	—	1	9	66	—	—	66
Australia								
1998	78 090	9 532	10 989	98 612	870 627	176 570	64 972	1 112 170
1997	72 119	9 615	8 063	89 797	743 382	136 435	63 296	943 113
1996	64 845	8 900	6 815	80 559	782 381	248 342	55 786	1 086 509

— nil or rounded to zero (including null cells)

(a) The Viticulture collection was conducted as a census and as such standard errors are not applicable.

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

17 SELECTED VEGETABLES—Years ended 31 March

	Area	SE	Production	SE	Yield	SE
	ha	%	t	%	t/ha	%
CARROTS						
1998						
New South Wales	568	5.1	16 315	5.0	28.7	1.8
Victoria	2 753	11.7	95 607	11.6	34.7	4.6
Queensland	825	7.7	22 898	8.4	27.8	4.4
South Australia	1 152	49.2	47 767	55.5	41.5	8.1
Western Australia	1 254	1.4	51 991	1.5	41.5	0.8
Tasmania	601	6.5	31 953	6.2	53.2	2.7
Northern Territory	—	..	—	..	—	..
Australian Capital Territory	—	..	—	..	—	..
Australia						
1998	7 152	9.2	266 531	10.8	37.3	2.9
1997	7 046	..	257 405	..	36.5	..
1996	7 564	..	249 926	..	33.0	..
LETTUCES						
1998						
New South Wales	929	10.0	21 937	13.0	23.6	10.7
Victoria	2 501	13.3	42 845	15.3	17.1	8.5
Queensland	1 519	6.6	44 341	8.3	29.2	3.8
South Australia	284	13.1	9 013	15.2	31.7	9.1
Western Australia	359	5.1	8 990	6.2	25.0	4.4
Tasmania	107	8.0	1 901	11.4	17.9	4.2
Northern Territory	15	..	121	..	8.1	..
Australian Capital Territory	—	..	—	..	—	..
Australia						
1998	5 714	6.4	129 149	6.3	22.6	4.1
1997	4 731	..	110 834	..	23.4	..
1996	4 690	..	107 243	..	22.9	..
MUSHROOMS						
1998						
New South Wales	53	15.2	12 249	13.7	233.3	4.8
Victoria	59	3.0	15 071	3.2	256.2	1.2
Queensland	18	16.1	6 791	15.2	382.4	4.4
South Australia	8	1.7	2 249	2.3	268.3	0.7
Western Australia	11	19.8	1 748	18.2	160.1	3.3
Tasmania	1	17.4	787	14.5	626.4	6.0
Northern Territory	—	..	—	..	—	..
Australian Capital Territory	—	..	—	..	—	..
Australia						
1998	150	6.0	38 895	5.3	260.0	2.2
1997	145	..	35 485	..	244.1	..
1996	165	..	34 946	..	211.5	..
ONIONS						
1998						
New South Wales	1 186	35.5	30 037	42.1	25.3	6.7
Victoria	661	17.9	18 100	22.2	27.4	7.3
Queensland	961	4.1	28 932	4.8	30.1	2.4
South Australia	1 468	5.0	74 201	5.6	50.6	2.2
Western Australia	341	3.0	15 679	3.6	46.0	2.0
Tasmania	1 017	4.7	51 945	5.0	51.1	1.4
Northern Territory	—	..	—	..	—	..
Australian Capital Territory	1	..	1	..	1.0	..
Australia						
1998	5 634	8.0	218 895	6.5	38.8	2.1
1997	4 756	..	196 491	..	41.3	..
1996	5 492	..	244 484	..	44.5	..

SELECTED VEGETABLES—Years ended 31 March *continued*

	Area	*SE*	*Production*	*SE*	*Yield*	*SE*
	ha	%	t	%	t/ha	%
POTATOES						
1998						
New South Wales	6 813	26.9	146 505	25.9	21.5	2.1
Victoria	10 301	7.8	295 102	8.9	28.6	3.4
Queensland	5 140	3.4	121 627	3.8	23.7	1.2
South Australia	8 800	3.7	306 634	3.4	34.8	1.7
Western Australia	3 157	2.4	128 198	2.4	40.6	1.0
Tasmania	8 344	1.9	373 578	2.0	44.8	0.8
Northern Territory	—	. .	—	. .	—	. .
Australian Capital Territory	—	. .	—	. .	—	. .
Australia						
1998	42 560	4.8	1 371 645	3.5	32.2	1.8
1997	41 083	. .	1 286 130	. .	31.3	. .
1996	41 812	. .	1 308 099	. .	31.3	. .
TOMATOES						
1998						
New South Wales	1 450	9.8	71 111	11.4	49.0	4.6
Victoria	2 884	11.3	192 388	13.6	66.7	5.8
Queensland	3 345	4.2	97 053	4.9	29.0	2.2
South Australia	118	12.9	2 867	15.9	24.3	10.3
Western Australia	211	5.7	15 651	5.6	74.3	3.7
Tasmania	11	18.7	983	28.2	89.4	14.8
Northern Territory	4	. .	75	. .	20.2	. .
Australian Capital Territory	—	. .	1	. .	8.0	. .
Australia						
1998	8 023	4.8	380 130	7.3	47.4	3.8
1997	8 830	. .	393 117	. .	44.5	. .
1996	8 580	. .	370 913	. .	43.2	. .

— nil or rounded to zero (including null cells)

. . not applicable

18 MILK CATTLE—Years ended 31 March

	Cows in milk and dry	*SE*	*Other*	*SE*	*Total milk cattle(a)*	*SE*	*Total establishments with milk cattle(b)*	*SE*
	000	%	000	%	000	%	no.	%
1998								
New South Wales	266	3.5	163	3.2	429	2.8	2 568	2.7
Victoria	1 268	1.5	569	2.1	1 836	1.3	8 400	1.3
Queensland	203	1.4	102	1.6	305	1.2	2 233	1.5
South Australia	107	2.5	56	3.5	162	2.3	905	2.3
Western Australia	73	1.1	51	1.3	124	1.0	530	2.3
Tasmania	143	1.6	75	2.2	218	1.5	892	1.6
Northern Territory	—	. .	—	. .	1	. .	2	. .
Australian Capital Territory	—	. .	—	. .	—	. .	1	. .
Australia								
1998	2 060	1.0	1 015	1.3	3 076	0.9	15 531	0.9
1997	1 977	. .	982	. .	2 958	. .	15 485	. .
1996	1 884	. .	923	. .	2 808	. .	15 667	. .

— nil or rounded to zero (including null cells)

. . not applicable

(a) Excludes house cows.

(b) Excludes establishments with house cows only.

19 MEAT CATTLE—Years ended 31 March

	Bulls and bull calves intended for service	*SE*	*Other calves under one year*	*SE*	*Cows and heifers one year and over*	*SE*	*Other cattle one year and over*	*SE*	*Total meat cattle*	*SE*	*Total establishments with meat cattle*	*SE*
	000	%	000	%	0	%	000	%	000	%	no.	%
1998												
New South Wales	124	2.4	1 764	1.7	2 863	1.0	1 171	3.0	5 922	1.1	26 836	0.7
Victoria	60	2.9	654	1.5	1 119	1.3	473	2.2	2 306	1.1	18 093	1.1
Queensland	230	1.1	2 367	0.6	5 131	0.7	2 809	0.9	10 537	0.6	18 902	0.4
South Australia	27	2.4	305	1.8	540	1.7	179	2.4	1 051	1.5	5 145	1.2
Western Australia	47	2.8	491	2.2	964	2.0	346	2.4	1 848	1.8	4 947	1.3
Tasmania	12	2.1	163	1.5	232	1.3	104	2.3	510	1.2	3 047	1.0
Northern Territory	46	. .	277	. .	915	. .	329	. .	1 566	. .	222	. .
Australian Capital Territory	—	. .	3	. .	5	. .	1	. .	10	. .	67	. .
Australia												
1998	546	0.8	6 022	0.6	11 769	0.4	5 412	0.8	23 750	0.4	77 259	0.4
1997	553	. .	6 047	. .	11 931	. .	5 291	. .	23 822	. .	81 946	. .
1996	553	. .	5 769	. .	11 667	. .	5 581	. .	23 569	. .	83 254	. .

— nil or rounded to zero (including null cells)

. . not applicable

20 SHEEP—Years ended 31 March

	Sheep	*SE*	*Lambs and hoggets under one year*	*SE*	*Total sheep and lambs*	*SE*	*Total establishments with sheep and lambs*	*SE*
	000	%	000	%	000	%	no.	%
1998								
New South Wales	30 065	0.9	10 755	1.1	40 821	0.8	19 155	0.7
Victoria	16 438	1.3	4 683	1.6	21 122	1.2	13 682	0.9
Queensland	8 602	1.1	2 393	1.5	10 995	1.0	2 440	1.2
South Australia	9 476	0.9	3 660	1.0	13 136	0.8	8 783	0.6
Western Australia	20 058	1.2	7 419	1.3	27 476	1.1	8 662	0.6
Tasmania	2 835	1.2	1 034	1.2	3 869	1.1	1 936	1.3
Northern Territory	—	. .	—	. .	—	. .	—	. .
Australian Capital Territory	62	. .	14	. .	76	. .	60	. .
Australia								
1998	87 536	0.5	29 958	0.6	117 494	0.5	54 718	0.4
1997	89 767	. .	30 461	. .	120 228	. .	56 083	. .
1996	91 706	. .	29 410	. .	121 116	. .	57 312	. .

. . not applicable
— nil or rounded to zero (including null cells)

21 LAMBING—Years ended 31 March

	Ewes actually mated(a)	*SE*	*Lambs marked*	*SE*	*Proportion of lambs marked to ewes mated*	*SE*	*Ewes intended to be mated in 1998–99(b)*	*SE*
	000	%	000	%	%	%	000	%
1998								
New South Wales	18 067	1.2	14 175	1.2	79	1.2	17 648	1.0
Victoria	8 740	1.4	7 154	1.4	82	1.4	9 168	1.5
Queensland	3 844	1.2	2 497	1.3	65	1.3	4 075	2.1
South Australia	6 292	1.0	5 370	0.9	85	0.9	6 432	1.0
Western Australia	12 821	1.7	9 604	1.2	75	1.2	13 179	1.6
Tasmania	1 557	1.6	1 305	1.2	84	1.2	1 480	1.2
Northern Territory(c)	. .	. .	. .	. .	. .	. .	. .	. .
Australian Capital Territory	28	. .	19	. .	66	. .	24	. .
Australia								
1998	51 349	0.7	40 123	0.6	78	0.6	52 005	0.6
1997	51 291	. .	40 436	. .	79	. .	53 780	. .
1996	50 874	. .	39 187	. .	77	. .	52 917	. .

. . not applicable
(a) Ewes mated to produce lambs in the season shown.
(b) Forecast made at the beginning of each season.
(c) Data not collected.

22 PIGS—Years ended 31 March

	Boars	*SE*	*Breeding sows and gilts*	*SE*	*Other*	*SE*	*Total pigs*	*SE*	*Total establishments with pigs*	*SE*
	000	%	000	%	000	%	000	%	no.	%
1998										
New South Wales	6	10.6	97	12.5	746	10.3	849	10.4	972	5.4
Victoria	3	3.8	63	3.7	451	8.1	518	7.2	550	8.1
Queensland	5	7.4	68	1.8	575	1.7	648	1.7	884	3.2
South Australia	3	6.6	52	5.2	369	4.5	424	4.6	759	4.3
Western Australia	2	6.9	36	4.3	264	4.3	303	4.3	570	5.6
Tasmania	—	6.3	3	5.5	21	5.6	24	5.3	119	8.0
Northern Territory	—	. .	—	. .	2	. .	2	. .	6	. .
Australian Capital Territory	—	. .	—	. .	—	. .	—	. .	—	. .
Australia										
1998	20	3.9	320	4.0	2 429	3.6	2 768	3.6	3 860	2.3
1997	20	. .	303	. .	2 232	. .	2 555	. .	4 003	. .
1996(a)	. .	. .	. .	. .	. .	. .	2 526	. .	4 511	. .

— nil or rounded to zero (including null cells)

. . not applicable

(a) Data not collected separately.

23 CHICKENS—Years ended 31 March

	For egg production	*SE*	*For meat production*	*SE*	*Total chickens*	*SE*
	000	%	000	%	000	%
1998						
New South Wales	4 703	5.0	37 758	7.8	42 461	7.1
Victoria	3 937	4.2	16 531	4.6	20 469	3.8
Queensland	2 501	3.9	11 812	2.7	14 313	2.4
South Australia	998	3.0	4 252	4.9	5 250	3.9
Western Australia	1 296	3.6	5 044	3.0	6 340	2.5
Tasmania	343	3.9	np	. .	np	. .
Northern Territory	136	. .	107	. .	242	. .
Australian Capital Territory	122	. .	—	. .	122	. .
Australia(a)						
1998	14 036	2.2	75 504	4.0	89 540	3.5
1997	14 059	. .	67 373	. .	81 432	. .
1996	13 413	. .	62 331	. .	75 744	. .

. . not applicable

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

— nil or rounded to zero (including null cells)

(a) Excludes some establishments in Tasmania.

24 BEEKEEPING(a)—Years ended 31 March

	BEEKEEPERS	BEEHIVES			HONEY		
		Productive(b)	*Unproductive*	*Total*	*Quantity*	*Average production per productive beehive*	*Beeswax*
	no.	000	000	000	t	kg	t
1998							
New South Wales	404	116	25	141	8 232	70.9	199
Victoria	181	61	9	70	4 266	69.8	77
Queensland	195	50	20	71	3 721	73.8	69
South Australia	101	40	3	43	3 274	82.7	74
Western Australia	56	18	5	23	1 781	98.9	41
Tasmania	29	12	3	15	741	62.0	11
Northern Territory	np	np	np	np	np	np	np
Australian Capital Territory	np	np	np	np	np	np	np
Australia							
1998	968	298	65	362	22 021	74.0	470
1997	1 186	381	86	466	27 044	71.0	492
1996	1 351	380	109	489	25 925	68.2	596

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

(a) The Beekeeping collection was conducted as a census and as such standard errors are not applicable.

(b) Hives from which honey is taken.

EXPLANATORY NOTES

INTRODUCTION

1 This publication contains detailed statistics on crops, livestock and characteristics of farms.

SCOPE AND COVERAGE

2 Estimates in this publication are based on information obtained from the Agricultural Commodity Survey (ACS) conducted at 31 March 1998.

3 The scope of the 1997–98 Survey is establishments undertaking agricultural activity having an estimated value of agricultural operations (EVAO) of $5,000 or more. This is the same as the scope for Agricultural Censuses from 1993–1994 to 1996–1997. Prior to 1993–1994 scope has varied. Details are available on request.

GENERAL

4 The estimates for earlier years shown in this publication have been revised where necessary.

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

AGRICULTURAL ESTABLISHMENTS

6 The establishment is the smallest accounting unit of a business within a State or Territory, controlling its productive activities and maintaining a specified range of detailed data including data enabling value added to be calculated. In general an establishment covers all operations at a physical location, but may consist of a group of locations provided they are within the same State or Territory. The majority of establishments operate at one location only.

INDUSTRY AND SIZE CLASSIFICATION

7 Units in the ACS have been classified according to the methodology described in *Australian and New Zealand Standard Industrial Classification (ANZSIC*) (Cat. no. 1292.0).

SAMPLE ERROR

8 The estimates are based on information obtained from a sample drawn from the total farm 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 farms had been included in the ACS. One measure of the likely difference is given by the standard error (SE), which indicates the extent to which an estimate might have varied by chance because only a sample of farm businesses was included. 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 farm businesses had been included, and about 19 chances in 20 that the difference will be less than two SEs. In this publication the relative SE is shown as a percentage of the estimate to which it refers.

CROPS, PASTURES AND HORTICULTURE

9 Statistics of area and production of crops relate, in the main, to crops sown during the year ended 31 March. Statistics of perennial crops relate to the position as at 31 March and the production during the year ended on that date, or of fruit set by that date. For example, particulars of area, production and yield per hectare of wheat in Australia refer to wheat sown during the period from April to September and harvested between October and the following February, i.e. the 1997–98 season relates to the harvesting period October 1997 to February 1998. Statistics of other crops which in some States were harvested after 31 March 1998 (e.g. maize, potatoes, apples and pears) were collected by supplementary returns and are included in this publication.

UNPUBLISHED STATISTICS

10 Unpublished statistics and customised output are available as a special data service and can be obtained by contacting Nigel Gibson on (03) 6222 5939 or Information Services in any ABS office.

GENERAL ACKNOWLEDGMENT

11 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*.

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

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13 Current publications produced by the ABS are listed in the *Catalogue of Publications and Products* (Cat. no. 1101.0). The ABS also issues, on Tuesdays and Fridays, a *Release Advice* (Cat. no. 1105.0) which lists publications to be released in the next few days. The Catalogue and Release Advice are available from any ABS office.

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