

1996-97

7113.1



AGRICULTURE

NEW SOUTH
WALES

EMBARGO: 11:30AM (CANBERRA TIME) FRI 16 OCT 1998

Final
Issue

CONTENTS

Notes	2
Summary of findings	3
List of tables	15
Structure of agricultural industry	17
Land management	24
Crops and pasture	27
Horticulture	36
Livestock and livestock products	51
Farm finances	64
Explanatory notes	70
Map	75

- For further information about these and related statistics, contact Helen Gardiner on Sydney (02) 9268 4562, or any ABS office shown on the back cover of this publication.

NOTES

SYMBOLS AND OTHER USAGES

EVAO	Estimated Value of Agricultural Operations
ha	hectares
kg	kilograms
km	kilometres
\$m	million dollars
n.a.	not available
n.c.	not collected
n.e.c.	not elsewhere classified
no.	number
n.p.	not published
p	preliminary
r	figure or series revised since previous issue
SE%	percentage standard error
t	tonnes
t/ha	tonnes per hectare
%	percentage
*	SE% greater than 100. Estimate included for completeness. Sampling variability too high for most practical purposes.
**	Where an estimate is small compared to previous years, the relative standard error may be a misleading indicator of the reliability of the estimate.
—	nil or rounded to zero

INQUIRIES

For further information about statistics in this publication and the availability of related unpublished statistics, contact Helen Gardiner on Sydney (02) 9268 4562 or any ABS State office.

For information about other ABS statistics and services, please refer to the back of this publication.

Gregory W. Bray
Regional Director, New South Wales

SUMMARY OF FINDINGS

STRUCTURE OF AGRICULTURAL INDUSTRY

The number of establishments with agricultural activity in New South Wales at 31 March 1997 was 42,758, a slight increase on the previous year. The most significant change in the structure of agriculture in New South Wales during 1996–97 was the large increase in the number of establishments classified as predominantly grain growing, which rose by 37.4% to 4,599. As favourable growing conditions saw many farmers producing more grain, the number of establishments classified to sheep-beef cattle farming decreased by 18.0%, from 4,779 to 3,917 establishments. The number of establishments classified to beef cattle farming also decreased 7.1% to 9,821 (see table 1).

The main industries of agricultural establishments in New South Wales were:

	<i>Number</i>	<i>% of establishments with agricultural activity</i>
Beef cattle farming	9 821	23.0
Grain-sheep/beef cattle farming	8 071	18.9
Sheep farming	5 043	11.8
Grain growing	4 599	10.8

Of the establishments with agricultural activity, 7.1% had an EVAO of \$500,000 or more at 31 March 1997. The grain growing and grain-sheep/beef cattle industries accounted for 51.4% of these establishments, while establishments growing cotton accounted for 15.7%. In contrast, 39.6% of establishments had an EVAO of less than \$50,000, and of these 46.7% were classified to beef cattle farming (see table 5).

In terms of area, 134 establishments (0.3%) had an area of 50,000 hectares or more at 31 March 1997, with most being in the sheep industry. Just over a quarter of establishments had holdings of less than 100 hectares and a further 33.7% had areas in the range 100 to 499 hectares (see table 6).

At 31 March 1997, establishments with agricultural activity occupied 60.9 million hectares, accounting for 76.1% of the total area of New South Wales (see table 7).

LAND MANAGEMENT

A total area of 907,100 hectares of agricultural land was irrigated in New South Wales during 1996–97. Of this area, 38.2% (346,200 hectares) was pasture and 30.8% (279,500 hectares) was cereal crops. The Murray and Murrumbidgee Statistical Divisions (SDs) accounted for 61.4% of the total irrigated area (see table 10).

CROPS AND PASTURES

During 1996–97 in New South Wales, 4,677,500 hectares of cereal crops for grain were grown. Wheat accounted for 68.3% (3,192,000 hectares) of the total area of cereal crops sown for grain. Other major cereal crops grown included barley, oats, triticale and maize. Due to improved growing conditions across many areas of the state, production levels of most crops were above those of the previous year.

WHEAT

In 1996–97, the total production of wheat was 8,363,400 tonnes, an increase of 85.5% over the previous season. The average yield in 1996–97 was 2.6 tonnes per hectare compared to 1.9 tonnes per hectare in 1995–96.

The principal wheat growing regions were the North Western and Northern SDs which together accounted for 51.9% of the State's wheat production (see table 11).

In 1996–97, wheat was grown on 12,048 farm establishments, with 62.6% growing less than 200 hectares. Only 1,556 establishments (12.9%) grew wheat crops of 500 hectares or more, but they accounted for 52.6% of the area of wheat grown and 48.8% of the wheat produced (see table 17).

WHEAT, YEARS ENDED 31 MARCH



SUMMARY OF FINDINGS *continued*

BARLEY

The area sown to barley in 1996–97 was 668,200 hectares, a 12.6% increase on 1995–96, and production, at 1,483,000 tonnes, was 38.1% higher than for 1995–96. The Northern SD accounted for 26.9% of the total area sown and 31.4% of barley production (see table 11).

Most barley growers (64.5%) planted less than 100 hectares in area; however, they only accounted for 24.3% of production (see table 17).

BARLEY, YEARS ENDED 31 MARCH



OATS

Both area sown and production of oats fell during 1996–97. Area sown dropped 22.3% to 392,700 hectares, and production fell by 14.6% to 607,200 tonnes. Most of the crop was grown in the Central West and North Western SDs which together accounted for 55.9% of total production (see table 11).

OATS, YEARS ENDED 31 MARCH



TRITICALE

The increasing importance of triticale as a feedstock saw the number of establishments growing triticale continue to rise, with 1,913 establishments reporting this crop in 1996–97 compared to 1,321 in 1995–96. Murrumbidgee and Murray were the principal SDs in which triticale was grown and they accounted for 68.5% of production.

The area sown to triticale increased by 56.2%, from 75,300 hectares in 1995–96 to 117,600 hectares in 1996–97. Production of 317,200 tonnes during 1996–97 represented a 51.9% increase on the previous season (see tables 11 and 18).

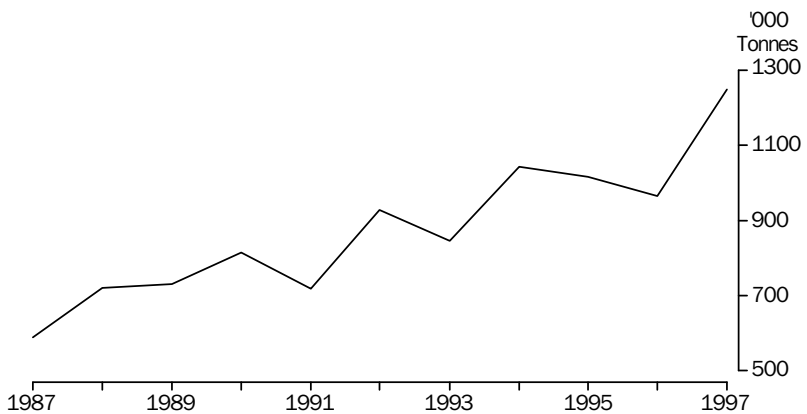
TRITICALE, YEARS ENDED 31 MARCH



RICE

Rice for grain was grown in the Murray and Murrumbidgee SDs on a total area of 151,400 hectares in 1996–97, an increase of 11.1% over 1995–96. Excellent seasonal conditions saw production increase by 29.3% to a record high of 1,248,200 tonnes (see table 11).

RICE PRODUCTION, YEARS ENDED 31 MARCH



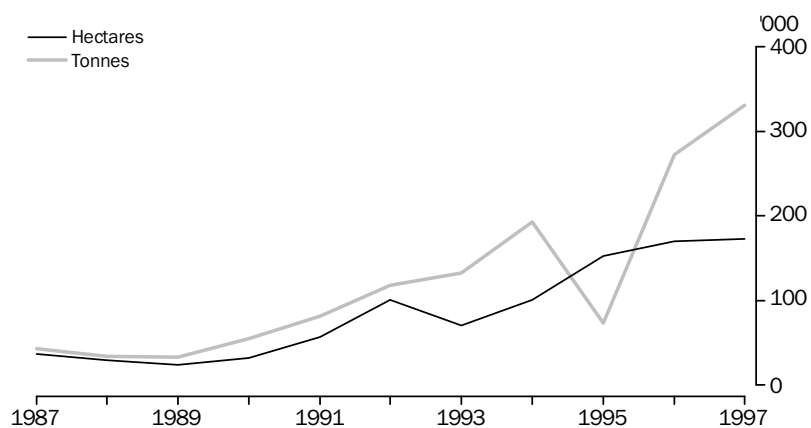
SUMMARY OF FINDINGS *continued*

OILSEEDS

The main oilseed crop grown in New South Wales during 1996–97 was canola, with the 172,700 hectares sown representing a slight increase over 1995–96. Canola production increased by 21.5% to 330,800 tonnes from 272,300 tonnes the previous season. Murrumbidgee and Central West SDs were the principal areas growing canola, accounting for 47.0% and 23.8%, respectively, of production.

Other significant oilseed crops grown in New South Wales in 1996–97 were sunflowers (46,200 tonnes from 41,300 hectares), soybeans (46,100 tonnes from 21,500 hectares), and safflower (8,500 tonnes from 10,700 hectares) (see table 14).

CANOLA, YEARS ENDED 31 MARCH



HORTICULTURE

APPLES

At 31 March 1997, there were 2,048,200 apple trees in New South Wales, which consisted of 730,500 trees under six years of age and 1,317,700 trees six years old and over. This was an increase of 4.6% on the total number of trees at 31 March 1996.

Total apple production in 1996–97 was 83,200 tonnes, which exceeded production during 1995–96 by 21,900 tonnes (35.6%). The Central West and Murrumbidgee SDs accounted for 91.0% of the total apple production in New South Wales (see table 19).

APPLE PRODUCTION, YEARS ENDED 31 MARCH



ORANGES

At 31 March 1997, there were 3,827,500 orange trees in New South Wales, which consisted of 522,900 trees under six years of age and 3,304,600 trees that were six years old and over. Orange production of 231,500 tonnes during 1996–97 was 30.3% higher than the previous season. Murrumbidgee SD was the main orange growing area supplying 66.7% of the State's production (see table 19).

ORANGE PRODUCTION, YEARS ENDED 31 MARCH



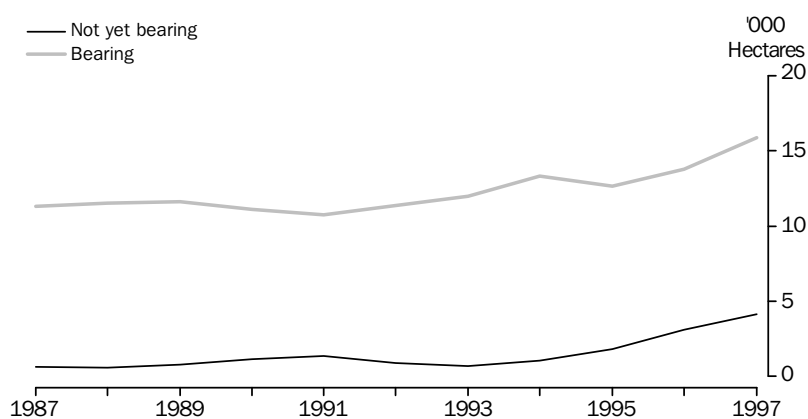
SUMMARY OF FINDINGS *continued*

GRAPES

The area of grapes grown in New South Wales continued to increase in 1996–97. The area of bearing grapes increased by 15.5% to 15,900 hectares and there were another 4,100 hectares of grapes which were not yet bearing. New plantings and graftings during 1996–97 totalled 2,300 hectares, which is the highest level of new planting activity in recent years.

Total grape production during 1996–97 was 209,900 tonnes which was a decrease of 6.7% on the previous season. Most grape growing occurred in the Murrumbidgee and Murray SDs which together accounted for 79.4% of total production (see table 24).

GRAPES, AREA, YEARS ENDED 31 MARCH



SUMMARY OF FINDINGS *continued*

VEGETABLES

In terms of gross value, the two main vegetable crops grown in New South Wales during 1996–97 were potatoes and mushrooms.

Mushroom production in 1996–97 was 12,300 tonnes, which was a slight decrease on the 1995–96 season.

In 1996–97, the total area of potatoes grown was 6,000 hectares, 16.9% less than the 7,200 hectares planted in the previous year. Production was 136,200 tonnes, a decrease of 16.2% on the 1995–96 production of 162,500 tonnes. Principal potato producing SDs in 1996–97 were Murray (49,000 tonnes from 2,100 hectares) and Murrumbidgee (37,200 tonnes from 1,800 hectares) (see tables 25, 26 and 27).

POTATOES, PRODUCTION, YEARS ENDED 31 MARCH



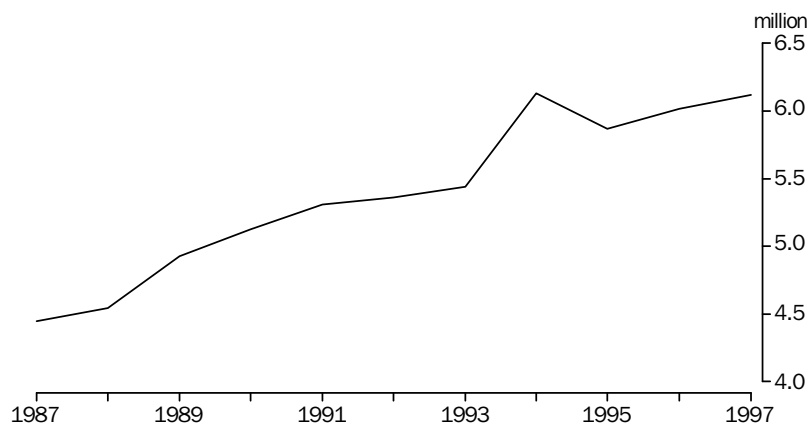
LIVESTOCK AND LIVESTOCK PRODUCTS

MEAT CATTLE

The meat cattle herd in New South Wales at 31 March 1997 was 6.1 million, marginally up on the previous year's herd. The total number of establishments with meat cattle was also relatively unchanged, increasing from 28,323 at 31 March 1996 to 28,492 at 31 March 1997 (see tables 29 and 30).

At 31 March 1997, there were 7,286 establishments (25.6%) with herd sizes of less than 50 cattle. At the other end of the scale, only 781 establishments (2.7%) had herd sizes of 1,000 or more. The median herd size remained constant at 108 head (see table 31).

MEAT CATTLE, AT 31 MARCH

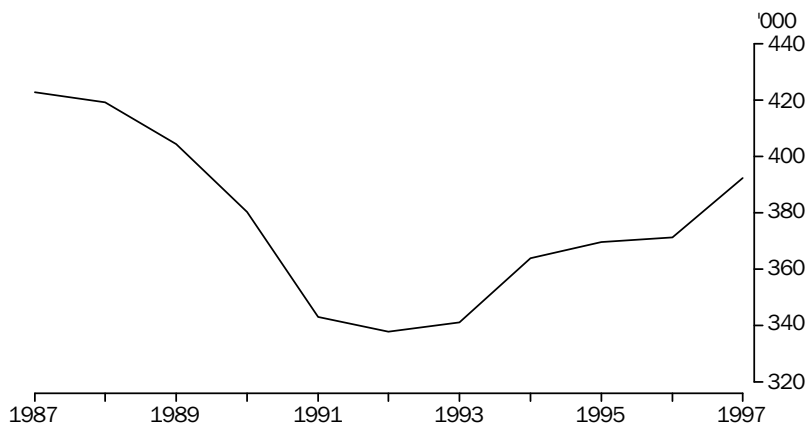


MILK CATTLE

The milk cattle herd increased by 5.7% between 31 March 1996 and 31 March 1997, from 371,200 to 392,500 (see table 32).

While the herd increased, the number of establishments with milk cattle decreased by 7.8% to 2,313 at 31 March 1997. The median herd size increased from 122 head to 140 head (see tables 33 and 34).

MILK CATTLE, AT 31 MARCH



SUMMARY OF FINDINGS *continued*

SHEEP AND LAMBS

At 31 March 1997, the New South Wales sheep flock was 42.4 million, an increase of 3.2% on the previous year. The number of establishments with sheep at 31 March 1997 was 19,592, slightly down (1.7%) on the previous year (see tables 35 and 36).

The number of establishments with flock sizes of 10,000 or more was 409 at 31 March 1997. This represented 2.1% of all establishments with sheep and lambs, and accounted for 15.5% of the total flock (see table 37).

SHEEP AND LAMBS, AT 31 MARCH



PIGS

The New South Wales pig herd at 31 March 1997 was 729,400, an increase of 2.7% on the 31 March 1996 low. The number of establishments with pigs at 31 March 1997 was 1,032. There were 113 establishments (10.9%) with herds of 1,000 or more, and they accounted for 78.7% of the pig herd (see tables 39 and 40).

PIGS, AT 31 MARCH



VALUE OF AGRICULTURAL COMMODITIES PRODUCED

The gross values of agricultural commodities produced in New South Wales in the year ending 30 June 1997 show that wheat for grain was the leading individual crop in terms of value of production at \$1,746.8 million. This was an increase of 55.8% from \$1,121.4 million in 1995–96 (see table 16).

Grapes remained the leading individual fruit in value terms at \$156.8 million, followed by oranges with a value of production of \$116.2 million. Next highest were apples, which contributed \$98.0 million to the total value of agricultural commodities produced in New South Wales (see table 23).

The gross value of vegetables produced in 1996–97 was \$203.2 million, down 4.9% on the 1995–96 figure of \$213.6 million. Potatoes (\$49.4 million) and mushrooms (\$39.0 million) were the major contributors to the 1996–97 total (see table 27).

The gross value of livestock slaughtering decreased slightly from the previous year to \$1,709.8 million. Cattle and calves slaughtered represented 45.2% of this value followed by poultry, sheep and lambs, and pigs, which represented 27.3%, 14.5% and 12.5%, respectively. The gross value of wool production increased by 13.4% on the previous year to \$989.4 million, and the value of milk production increased by 7.0% to \$494.0 million (see table 46).

LIST OF TABLES

	Page
Structure of agricultural industry	
1	Establishments by industry, EVAO \$5,000 and over, at 31 March 17
2	Establishments by industry, EVAO \$22,500 and over, at 31 March 18
3	Establishments with agricultural activity, Statistical Divisions, EVAO \$5,000 & over 19
4	Establishments with agricultural activity, Statistical Divisions, EVAO \$22,500 & over 19
5	Establishments by industry, by EVAO range, at 31 March 1997 20
6	Establishments by industry, by area range, at 31 March 1997 22
Land management	
7	Area and land use of establishments with agricultural activity, at 31 March 1997 24
8	Planting of trees, year ended 31 March 1997 25
9	Fencing, year ended 31 March 1997 26
10	Irrigation area, year ended 31 March 1997 26
Crops and pastures	
11	Cereals for grain, year ended 31 March 1997 27
12	Legumes for grain, year ended 31 March 1997 29
13	Crops and pastures for hay, year ended 31 March 1997 30
14	Oilseeds, year ended 31 March 1997 31
15	Other crops, year ended 31 March 1997 32
16	Gross value of principal crops and pastures, years ended 30 June 32
17	Establishments by area of principal grains sown and production 33
18	Establishments growing cereals for grain, year ended 31 March 1997 35
Horticulture	
19	Citrus and pome fruit, year ended 31 March 1997 36
20	Stone fruit, year ended 31 March 1997 38
21	Other fruit and nuts, year ended 31 March 1997 40
22	Tropical and berry fruit, year ended 31 March 1997 41
23	Gross value of citrus, pome and other fruit, years ended 30 June 43
24	Grapes, year ended 31 March 1997 43
25	Vegetables for human consumption, years ended 31 March 44
26	Vegetables for human consumption, Statistical Divisions, year ended 31 March 1997 46
27	Gross value of vegetables for human consumption, years ended 30 June 50
28	Area of nurseries, cut flowers and cultivated turf, year ended 31 March 1997 50

LIST OF TABLES *continued*

Page

Livestock and livestock products

29	Meat cattle numbers, at 31 March 1997	51
30	Establishments with meat cattle, at 31 March 1997	51
31	Number of establishments and meat cattle by herd size, at 31 March	52
32	Milk cattle numbers, at 31 March 1997	53
33	Establishments with milk cattle, at 31 March 1997	53
34	Number of establishments and milk cattle by herd size, at 31 March	54
35	Number of sheep and lambs, at 31 March 1997	55
36	Establishments with sheep and lambs, at 31 March 1997	55
37	Number of establishments and sheep and lambs by flock size, at 31 March	56
38	Lambing, year ended 31 March 1997	57
39	Pig numbers and number of establishments, at 31 March 1997	57
40	Number of establishments and pigs by herd size, at 31 March	58
41	Poultry, number on holding, at 31 March 1997	59
42	Poultry sold, year ended 31 March 1997	59
43	Establishments with and number of deer and horses, at 31 March 1997	60
44	Sales of livestock, year ended 31 March 1997	61
45	Livestock slaughtering and products, years ended 31 March	62
46	Gross value of livestock products and other disposals, years ended 30 June	63
47	Beekeeping, summary statistics, years ended 30 June	63

Farm finances

48	Selected financial statistics, farm businesses, by industry, aggregates	64
49	Selected financial statistics, farm businesses, aggregates	68
50	Selected financial statistics, farm businesses, averages	69

1

ESTABLISHMENTS BY INDUSTRY, EVAO \$5,000 and over, at 31 March(a)

<i>Industry class</i>		1995	1996	1997
<i>ANZSIC code</i>	<i>Industry of establishment</i>	no.	no.	no.
0111	Plant nurseries	591	679	729
0112	Cut flower and flower seed growing	200	215	238
0113	Vegetable growing	678	701	706
0114	Grape growing	659	788	837
0115	Apple and pear growing	219	205	222
0116	Stonefruit growing	476	471	461
0117	Kiwi fruit growing	26	30	20
0119	Fruit growing n.e.c.	1 628	1 651	1 839
0121	Grain growing	1 979	3 346	4 599
0122	Grain-sheep/beef cattle farming	6 091	7 254	8 071
0123	Sheep-beef cattle farming	5 547	4 779	3 917
0124	Sheep farming	6 281	5 171	5 043
0125	Beef cattle farming	11 195	10 574	9 821
0130	Dairy cattle farming	2 167	2 047	2 031
0141	Poultry farming (meat)	316	331	328
0142	Poultry farming (eggs)	144	145	141
0151	Pig farming	442	369	327
0152	Horse farming	556	558	622
0153	Deer farming	111	99	59
0159	Livestock farming n.e.c.	816	973	661
0161	Sugar cane growing	438	462	467
0162	Cotton growing	405	465	497
0169	Crop and plant growing n.e.c.	304	265	233
Total (ANZSIC Code 01)		41 269	41 578	41 869
02	Services to agriculture; hunting and trapping	37	69	82
03	Forestry and logging	5	13	13
04	Commercial fishing	1	2	1
Total (ANZSIC Division A)		41 312	41 662	41 965
All other ANZSIC Divisions		283	409	471
Unclassified		693	427	322
Total all industries		42 288	42 498	42 758

(a) Number of establishments with an EVAO of \$5,000 or more at the time of selection in the agricultural census. See explanatory note 4 on page 70.

2

ESTABLISHMENTS BY INDUSTRY, EVAO \$22,500 and over, at 31 March

Industry class		1995	1996	1997
ANZSIC code	Industry of establishment	no.	no.	no.
0111	Plant nurseries	519	581	635
0112	Cut flower and flower seed growing	168	178	196
0113	Vegetable growing	535	568	564
0114	Grape growing	551	729	711
0115	Apple and pear growing	191	180	208
0116	Stonefruit growing	353	364	342
0117	Kiwi fruit growing	12	15	4
0119	Fruit growing n.e.c.	1 309	1 311	1 564
0121	Grain growing	1 837	3 190	4 442
0122	Grain-sheep/beef cattle farming	5 784	6 959	7 672
0123	Sheep-beef cattle farming	4 894	4 140	3 323
0124	Sheep farming	4 998	4 045	4 059
0125	Beef cattle farming	6 012	5 413	4 369
0130	Dairy cattle farming	2 098	1 995	1 989
0141	Poultry farming (meat)	311	320	321
0142	Poultry farming (eggs)	134	133	135
0151	Pig farming	396	330	299
0152	Horse farming	280	318	369
0153	Deer farming	101	89	21
0159	Livestock farming n.e.c.	424	594	327
0161	Sugar cane growing	426	443	460
0162	Cotton growing	405	463	497
0169	Crop and plant growing n.e.c.	239	210	183
Total (ANZSIC Code 01)		31 977	32 568	32 690
02	Services to agriculture; hunting and trapping	19	37	41
03	Forestry and logging	2	3	5
04	Commercial fishing	1	1	—
Total (ANZSIC Division A)		31 999	32 609	32 736
All other ANZSIC Divisions		165	233	267
Unclassified		—	—	—
Total all industries		32 164	32 842	33 003

3

ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY, Statistical Divisions, EVAO \$5,000 & over(a)(b)

	1995	1996	1997
<i>Statistical division</i>	no.	no.	no.
Sydney	1 862	1 860	1 872
Hunter	2 961	2 967	2 984
Illawarra	922	933	945
Richmond-Tweed	3 070	3 121	3 202
Mid-North Coast	3 270	3 239	3 262
Northern	6 732	6 707	6 701
North Western	4 402	4 413	4 438
Central West	5 703	5 724	5 665
South Eastern	4 461	4 483	4 535
Murrumbidgee	4 660	4 754	4 777
Murray	3 953	4 004	4 084
Far West	292	293	293
New South Wales	42 288	42 498	42 758

(a) See explanatory note 4 on page 70.

(b) Figures are at 31 March.

4

ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY, Statistical Divisions, EVAO \$22,500 & over(a)

	1995	1996	1997
<i>Statistical division</i>	no.	no.	no.
Sydney	1 251	1 311	1 339
Hunter	1 884	1 886	1 838
Illawarra	536	527	499
Richmond-Tweed	1 938	1 986	2 028
Mid-North Coast	1 915	1 923	1 914
Northern	5 293	5 474	5 520
North Western	3 748	3 794	3 851
Central West	4 589	4 659	4 600
South Eastern	3 196	3 200	3 223
Murrumbidgee	4 094	4 262	4 311
Murray	3 437	3 533	3 595
Far West	283	287	285
New South Wales	32 164	32 842	33 003

(a) Figures are at 31 March.

5

ESTABLISHMENTS BY INDUSTRY, By EVAO range, at 31 March 1997

ESTIMATED VALUE OF AGRICULTURAL OPERATIONS (\$).....

Industry class		Less than 5,000(a)	5,000 to 22,499	22,500 to 49,999	50,000 to 99,999
ANZSIC code	Industry of establishment	no.	no.	no.	no.
0111	Plant nurseries	1	93	149	174
0112	Cut flower and flower seed growing	2	40	44	69
0113	Vegetable growing	14	128	136	121
0114	Grape growing	8	118	119	179
0115	Apple and pear growing	—	14	23	35
0116	Stonefruit growing	15	104	99	109
0117	Kiwi fruit growing	1	15	2	1
0119	Fruit growing n.e.c.	34	241	365	450
0121	Grain growing	16	141	239	470
0122	Grain-sheep/beef cattle farming	16	383	796	1 577
0123	Sheep-beef cattle farming	34	560	849	1 036
0124	Sheep farming	95	889	1 145	1 240
0125	Beef cattle farming	621	4 831	2 453	1 187
0130	Dairy cattle farming	2	40	110	245
0141	Poultry farming (meat)	4	3	5	4
0142	Poultry farming (eggs)	—	6	8	14
0151	Pig farming	2	26	30	45
0152	Horse farming	32	221	201	89
0153	Deer farming	10	28	15	2
0159	Livestock farming n.e.c.	67	267	192	89
0161	Sugar cane growing	—	7	43	118
0162	Cotton growing	—	—	1	—
0169	Crop and plant growing n.e.c.	12	38	49	53
Total (ANZSIC Code 01)		986	8 193	7 073	7 307
02	Services to agriculture; hunting and trapping	8	33	11	14
03	Forestry and logging	—	8	2	2
04	Commercial fishing	—	1	—	—
Total (ANZSIC Division A)		994	8 235	7 086	7 323
All other ANZSIC Divisions		35	169	93	73
Unclassified		322	—	—	—
Total all industries		1 351	8 404	7 179	7 396

(a) See explanatory note 4 on page 70.

ESTIMATED VALUE OF AGRICULTURAL OPERATIONS (\$)

Industry class		100,000 to 199,999	200,000 to 499,999	500,000 or more	Total establishments
ANZSIC code	Industry of establishment	no.	no.	no.	no.
0111	Plant nurseries	147	118	47	729
0112	Cut flower and flower seed growing	54	23	6	238
0113	Vegetable growing	96	127	84	706
0114	Grape growing	234	142	37	837
0115	Apple and pear growing	43	58	49	222
0116	Stonefruit growing	60	57	17	461
0117	Kiwi fruit growing	—	1	—	20
0119	Fruit growing n.e.c.	392	296	61	1 839
0121	Grain growing	984	1 811	938	4 599
0122	Grain-sheep/beef cattle farming	2 398	2 283	618	8 071
0123	Sheep-beef cattle farming	867	487	84	3 917
0124	Sheep farming	1 080	517	77	5 043
0125	Beef cattle farming	515	175	39	9 821
0130	Dairy cattle farming	662	820	152	2 031
0141	Poultry farming (meat)	26	119	167	328
0142	Poultry farming (eggs)	26	35	52	141
0151	Pig farming	78	87	59	327
0152	Horse farming	52	20	7	622
0153	Deer farming	3	1	—	59
0159	Livestock farming n.e.c.	29	12	5	661
0161	Sugar cane growing	165	124	10	467
0162	Cotton growing	5	17	474	497
0169	Crop and plant growing n.e.c.	35	23	23	233
Total (ANZSIC Code 01)		7 951	7 353	3 006	41 869
02	Services to agriculture; hunting and trapping	7	4	5	82
03	Forestry and logging	—	1	—	13
04	Commercial fishing	—	—	—	1
Total (ANZSIC Division A)		7 958	7 358	3 011	41 965
All other ANZSIC Divisions		58	29	14	471
Unclassified		—	—	—	322
Total all industries		8 016	7 387	3 025	42 758

		AREA OF ESTABLISHMENT (HECTARES).....					
<i>Industry class</i>		<i>0 to</i>	<i>50 to</i>	<i>100 to</i>	<i>500 to</i>	<i>1,000 to</i>	<i>2,500 to</i>
		49	99	499	999	2,499	4,999
<i>ANZSIC code</i>	<i>Industry of establishment</i>	no.	no.	no.	no.	no.	no.
0111	Plant nurseries	627	48	45	6	3	—
0112	Cut flower and flower seed growing	206	14	15	3	—	—
0113	Vegetable growing	450	62	138	28	23	5
0114	Grape growing	663	72	86	9	6	—
0115	Apple and pear growing	133	47	39	3	—	—
0116	Stonefruit growing	358	54	39	5	5	—
0117	Kiwi fruit growing	14	3	3	—	—	—
0119	Fruit growing n.e.c.	1 495	191	136	8	7	—
0121	Grain growing	59	121	1 590	1 075	1 172	372
0122	Grain-sheep/beef cattle farming	66	179	2 341	2 415	2 093	583
0123	Sheep-beef cattle farming	48	128	1 353	1 005	902	232
0124	Sheep farming	119	231	1 778	1 194	815	192
0125	Beef cattle farming	1 101	1 621	4 526	1 398	872	194
0130	Dairy cattle farming	175	388	1 284	135	41	6
0141	Poultry farming (meat)	255	28	35	8	2	—
0142	Poultry farming (eggs)	106	12	19	3	1	—
0151	Pig farming	96	49	128	30	20	2
0152	Horse farming	278	118	177	31	12	6
0153	Deer farming	20	14	21	4	—	—
0159	Livestock farming n.e.c.	540	46	47	13	7	3
0161	Sugar cane growing	131	148	174	10	3	1
0162	Cotton growing	3	3	96	82	166	88
0169	Crop and plant growing n.e.c.	90	47	76	14	6	—
Total (ANZSIC Code 01)		7 033	3 624	14 146	7 479	6 156	1 684
02	Services to agriculture; hunting and trapping	28	11	26	9	5	1
03	Forestry and logging	2	3	5	1	—	1
04	Commercial fishing	—	—	1	—	—	—
Total (ANZSIC Division A)		7 063	3 638	14 178	7 489	6 161	1 686
All other ANZSIC Divisions		188	68	146	34	24	8
Unclassified		140	39	89	26	18	5
Total all industries		7 391	3 745	14 413	7 549	6 203	1 699

(a) See explanatory note 4 on page 70.

		AREA OF ESTABLISHMENT (HECTARES).....				
Industry class		5,000 to 9,999	10,000 to 24,999	25,000 to 49,999	50,000 or more	Total establishments
ANZSIC code	Industry of establishment	no.	no.	no.	no.	no.
0111	Plant nurseries	—	—	—	—	729
0112	Cut flower and flower seed growing	—	—	—	—	238
0113	Vegetable growing	—	—	—	—	706
0114	Grape growing	—	1	—	—	837
0115	Apple and pear growing	—	—	—	—	222
0116	Stonefruit growing	—	—	—	—	461
0117	Kiwi fruit growing	—	—	—	—	20
0119	Fruit growing n.e.c.	1	1	—	—	1 839
0121	Grain growing	140	53	14	3	4 599
0122	Grain-sheep/beef cattle farming	228	125	31	10	8 071
0123	Sheep-beef cattle farming	75	74	74	26	3 917
0124	Sheep farming	155	285	187	87	5 043
0125	Beef cattle farming	52	34	19	4	9 821
0130	Dairy cattle farming	1	1	—	—	2 031
0141	Poultry farming (meat)	—	—	—	—	328
0142	Poultry farming (eggs)	—	—	—	—	141
0151	Pig farming	2	—	—	—	327
0152	Horse farming	—	—	—	—	622
0153	Deer farming	—	—	—	—	59
0159	Livestock farming n.e.c.	—	2	2	1	661
0161	Sugar cane growing	—	—	—	—	467
0162	Cotton growing	39	14	4	2	497
0169	Crop and plant growing n.e.c.	—	—	—	—	233
Total (ANZSIC Code 01)		693	590	331	133	41 869
02	Services to agriculture; hunting and trapping	2	—	—	—	82
03	Forestry and logging	1	—	—	—	13
04	Commercial fishing	—	—	—	—	1
Total (ANZSIC Division A)		696	590	331	133	41 965
All other ANZSIC Divisions		3	—	—	—	471
Unclassified		2	1	1	1	322
Total all industries		701	591	332	134	42 758

7

AREA AND LAND USE OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY, At 31 March 1997

Statistical division	Area of cereal crops(a)	Area of other crops	Area of orchard trees	Area of vegetables
	'000 ha	'000 ha	'000 ha	'000 ha
Sydney	1.4	6.8	2.6	1.8
Hunter	49.7	8.6	0.4	0.6
Illawarra	1.5	0.9	0.2	0.2
Richmond-Tweed	4.2	39.5	7.3	0.5
Mid-North Coast	3.9	16.2	1.0	0.9
Northern	1 129.0	269.1	1.1	0.9
North Western	1 187.1	92.3	0.5	1.1
Central West	896.6	64.8	3.2	2.9
South Eastern	119.6	27.1	3.6	0.9
Murrumbidgee	830.6	157.0	11.3	6.7
Murray	594.0	75.6	4.0	4.0
Far West	6.4	7.3	—	—
New South Wales				
1997	4 824.0	765.2	35.2	20.6
1996	4 095.7	705.7	34.2	23.2
1995	2 725.3	579.6	31.5	20.5

Statistical division	Area of agricultural holdings	Area of non-agricultural land(b)	Total area (agricultural and non-agricultural land)
	'000 ha	'000 ha	'000 ha
Sydney	87.6	1 126.2	1 213.8
Hunter	1 499.6	1 592.4	3 092.0
Illawarra	127.1	707.4	834.5
Richmond-Tweed	465.7	517.7	983.4
Mid-North Coast	951.5	1 642.4	2 593.9
Northern	7 322.8	2 487.2	9 810.0
North Western	16 901.0	3 049.0	19 950.0
Central West	4 855.3	1 448.2	6 303.5
South Eastern	2 717.2	2 530.1	5 247.3
Murrumbidgee	5 430.0	911.8	6 341.8
Murray	7 965.6	1 051.1	9 016.7
Far West	12 577.2	2 108.3	14 685.5
New South Wales			
1997	60 900.6	19 171.9	80 072.5
1996	61 016.8	19 055.7	80 072.5
1995	60 299.8	19 772.7	80 072.5

(a) Excludes pastures and grasses harvested for hay and seed.

(b) 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, mangrove swamps, etc.

8

PLANTING OF TREES, Year ended 31 March 1997(a)

SEEDLINGS PLANTED.....

Statistical division	For timber/pulp.....		Other purposes	
	'000	ha	'000	ha
Sydney	11.8	7.7	29.8	106.9
Hunter	76.6	69.7	143.3	922.7
Illawarra	2.2	0.5	78.3	249.5
Richmond-Tweed	194.9	211.8	81.5	335.9
Mid-North Coast	54.9	51.8	58.5	300.2
Northern	43.6	61.8	410.2	3 469.5
North Western	19.1	21.4	722.0	2 297.3
Central West	84.0	136.0	405.8	3 772.8
South Eastern	216.3	252.5	463.2	2 201.3
Murrumbidgee	147.7	109.3	564.1	2 142.7
Murray	185.1	250.3	712.3	2 065.5
Far West	—	—	62.3	26.1
New South Wales				
1997	1 036.3	1 172.8	3 731.2	17 890.4
1996	786.6	802.4	1 631.2	4 155.2

SEED SOWN

TIMBER HARVESTED

Statistical division	kg	ha	Hardwood		Softwood	
			t	t	t	t
Sydney	10	5	100	2 100	—	—
Hunter	1 604	552	712	—	—	—
Illawarra	—	—	1 000	2	—	—
Richmond-Tweed	265	5	214	280	—	—
Mid-North Coast	1 051	23	1 722	101	—	—
Northern	362	41	153	280	—	—
North Western	813	810	565	4	—	—
Central West	322	106	88	1 950	—	—
South Eastern	231	294	50	771	—	—
Murrumbidgee	425	550	—	—	—	—
Murray	595	106	3 356	10 886	—	—
Far West	—	—	23	—	—	—
New South Wales						
1997	5 677	2 491	7 983	16 374	—	—
1996	3 712	948	4 175	2 499	—	—

(a) Data in this table are an aggregation of responding establishments. No imputation has been made for non-responding establishments.

9

FENCING, Year ended 31 March 1997

KILOMETRES ERECTED TO ISOLATE.....

<i>Statistical division</i>	<i>Saline areas</i> km	<i>Other degraded areas</i> km	<i>Creeks and rivers</i> km	<i>Remnant native vegetation</i> km	<i>Planted trees and shrubs</i> km
Sydney	4.5	6.2	19.3	31.2	121.7
Hunter	24.5	59.9	251.1	75.4	701.5
Illawarra	1.5	12.5	65.1	40.8	110.2
Richmond-Tweed	37.0	13.3	99.6	66.0	200.5
Mid-North Coast	22.8	23.4	159.2	123.3	115.1
Northern	29.6	112.5	218.4	306.6	1 872.3
North Western	334.4	90.5	114.7	353.8	293.0
Central West	97.8	251.8	233.7	173.1	1 267.9
South Eastern	130.1	128.2	207.3	149.2	1 429.4
Murrumbidgee	88.7	106.8	120.4	167.5	519.5
Murray	46.5	63.8	146.3	234.4	979.8
Far West	—	8.0	—	16.0	7.0
New South Wales					
1997	817.4	876.9	1 635.1	1 737.3	7 617.9
1996	1 025.6	666.5	1 675.6	2 882.8	10 503.7

10

IRRIGATION AREA, Year ended 31 March 1997

<i>Statistical division</i>	<i>Cereals</i> ha	<i>Fruit and Nuts</i> ha	<i>Grapevines</i> ha	<i>Pastures</i> ha	<i>Vegetables</i> ha	<i>Other Crops</i> ha	<i>Total</i> ha
Sydney	229	1 560	20	4 185	916	1 287	8 197
Hunter	1 229	279	1 835	19 949	413	628	24 333
Illawarra	—	100	10	1 631	101	167	2 010
Richmond-Tweed	157	1 216	—	3 876	391	1 843	7 484
Mid-North Coast	68	601	—	4 472	466	975	6 582
Northern	21 201	838	39	8 026	314	133 598	164 015
North Western	9 408	225	775	12 279	686	51 518	74 890
Central West	10 499	1 814	1 342	23 258	2 189	3 052	42 153
South Eastern	128	1 256	164	5 877	690	330	8 444
Murrumbidgee	131 724	8 005	6 690	86 861	5 097	17 840	256 217
Murray	99 422	3 136	4 080	175 590	3 259	14 985	300 473
Far West	5 464	5	238	159	—	6 388	12 254
New South Wales							
1997	279 528	19 035	15 194	346 163	14 521	232 610	907 051

BARLEY

GRAIN SORGHUM

Statistical division	Area	Production	Yield	Area	Production	Yield
	'000 ha	'000 t	t/ha	'000 ha	'000 t	t/ha
Sydney	—	—	—	—	—	—
Hunter	5.2	16.6	3.2	10.9	53.5	4.9
Illawarra	0.1	0.1	2.0	—	—	—
Richmond-Tweed	1.6	3.4	2.1	—	—	—
Mid-North Coast	0.5	1.0	1.9	0.1	0.3	2.1
Northern	179.9	465.5	2.6	97.8	334.1	3.4
North Western	112.3	231.1	2.1	7.1	24.8	3.5
Central West	135.4	293.6	2.2	0.2	0.5	3.1
South Eastern	2.4	5.5	2.3	—	—	—
Murrumbidgee	130.0	273.1	2.1	0.8	2.7	3.5
Murray	98.0	183.7	1.9	0.4	1.1	2.4
Far West	2.8	9.5	3.4	—	—	—
New South Wales						
1997	668.2	1 483.0	2.2	117.3	416.9	3.6
1996	593.2	1 073.6	1.8	170.7	471.6	2.8
1995	409.8	291.5	0.7	160.7	346.6	2.2

MAIZE

MILLET

Statistical division	Area	Production	Yield	Area	Production	Yield
	'000 ha	'000 t	t/ha	'000 ha	'000 t	t/ha
Sydney	—	—	—	—	—	—
Hunter	1.2	6.3	5.3	—	0.1	1.2
Illawarra	—	—	—	0.1	0.1	0.8
Richmond-Tweed	0.9	5.3	6.0	0.1	—	—
Mid-North Coast	0.7	3.0	4.4	0.1	0.1	1.7
Northern	5.4	38.8	7.2	0.4	0.4	0.9
North Western	2.1	14.1	6.6	0.4	0.4	1.1
Central West	1.9	14.7	7.9	0.6	0.5	0.9
South Eastern	—	—	—	0.1	0.1	0.6
Murrumbidgee	16.6	156.1	9.4	0.3	0.5	1.8
Murray	1.9	17.3	9.0	0.4	0.4	1.1
Far West	—	—	—	—	—	—
New South Wales						
1997	30.7	255.9	8.3	2.5	2.7	1.1
1996	23.6	190.0	8.1	3.4	5.0	1.5
1995	20.5	145.3	7.1	7.2	7.7	1.1

Statistical division	OATS			RICE.....		
	Area '000 ha	Production '000 t	Yield t/ha	Area '000 ha	Production '000 t	Yield t/ha
Sydney	0.3	0.4	1.6	—	—	—
Hunter	3.8	5.0	1.3	—	—	—
Illawarra	0.4	0.5	1.4	—	—	—
Richmond-Tweed	0.3	0.2	0.8	—	—	—
Mid-North Coast	0.1	0.2	1.6	—	—	—
Northern	36.6	45.3	1.2	—	—	—
North Western	93.9	130.8	1.4	—	—	—
Central West	130.0	208.5	1.6	—	—	—
South Eastern	23.9	41.4	1.7	—	—	—
Murrumbidgee	64.8	106.4	1.6	67.3	561.7	8.3
Murray	38.7	68.4	1.8	84.1	686.5	8.2
Far West	0.1	0.1	0.8	—	—	—
New South Wales						
1997	392.7	607.2	1.5	151.4	1 248.2	8.2
1996	505.1	711.2	1.4	136.3	965.1	7.1
1995	375.5	197.3	0.5	118.8	1 015.8	8.6

Statistical division	TRITICALE.....			WHEAT		
	Area '000 ha	Production '000 t	Yield t/ha	Area '000 ha	Production '000 t	Yield t/ha
Sydney	—	—	—	0.3	0.6	2.0
Hunter	0.1	0.3	3.2	24.3	85.2	3.5
Illawarra	0.1	0.4	3.5	0.1	0.2	3.2
Richmond-Tweed	—	—	—	—	—	—
Mid-North Coast	—	0.1	3.2	—	0.1	1.9
Northern	1.2	3.9	3.2	768.5	2 201.2	2.9
North Western	3.0	5.9	2.0	939.2	2 139.3	2.3
Central West	13.0	36.0	2.8	581.7	1 536.4	2.6
South Eastern	19.5	53.2	2.7	66.0	221.1	3.4
Murrumbidgee	50.7	131.9	2.6	483.1	1 388.9	2.9
Murray	30.1	85.5	2.8	325.6	780.5	2.4
Far West	—	—	—	3.4	10.0	2.9
New South Wales						
1997	117.6	317.2	2.7	3 192.0	8 363.4	2.6
1996	75.3	208.8	2.8	2 328.2	4 508.4	1.9
1995	48.8	54.0	1.1	1 423.8	874.6	0.6

Statistical division	CHICK PEAS			FABA BEANS		
	Area '000 ha	Production '000 t	Yield t/ha	Area '000 ha	Production '000 t	Yield t/ha
Sydney	—	—	—	—	—	—
Hunter	—	—	—	—	—	—
Illawarra	—	—	—	—	—	—
Richmond-Tweed	—	—	—	—	—	—
Mid-North Coast	—	—	—	—	—	—
Northern	18.4	29.0	1.6	5.9	12.1	2.1
North Western	10.0	9.0	0.9	1.0	1.9	1.8
Central West	1.3	1.4	1.1	0.3	0.6	1.7
South Eastern	—	—	—	—	—	—
Murrumbidgee	0.6	0.6	0.9	1.0	2.3	2.4
Murray	0.9	0.8	1.0	0.9	1.5	1.8
Far West	—	—	—	—	—	—
New South Wales						
1997	31.2	40.8	1.3	9.1	18.5	2.0
1996	31.4	30.6	1.0	10.2	10.1	1.0
1995	20.2	7.6	0.4	7.6	6.6	0.9

Statistical division	FIELD PEAS			LUPINS		
	Area '000 ha	Production '000 t	Yield t/ha	Area '000 ha	Production '000 t	Yield t/ha
Sydney	—	—	—	—	—	—
Hunter	—	—	—	—	0.1	2.5
Illawarra	—	—	—	—	0.1	2.0
Richmond-Tweed	—	—	—	—	—	—
Mid-North Coast	—	—	—	—	—	—
Northern	1.4	1.4	1.0	0.4	0.3	0.8
North Western	1.4	1.5	1.1	3.0	3.9	1.3
Central West	1.7	2.5	1.4	9.5	13.8	1.5
South Eastern	—	—	—	5.0	10.1	2.0
Murrumbidgee	6.4	7.9	1.2	29.5	42.1	1.4
Murray	4.5	5.1	1.1	16.9	26.1	1.5
Far West	—	—	—	—	—	—
New South Wales						
1997	15.4	18.3	1.2	64.3	96.5	1.5
1996	20.1	21.9	1.1	91.7	116.5	1.3
1995	27.3	5.3	0.2	107.0	14.3	0.1

Statistical division	LUCERNE.....			OTHER PASTURES.....		
	Area '000 ha	Production '000 t	Yield t/ha	Area '000 ha	Production '000 t	Yield t/ha
Sydney	0.5	2.3	5.1	0.8	2.3	3.0
Hunter	9.2	52.1	5.7	4.1	14.1	3.5
Illawarra	0.3	1.9	7.0	2.6	9.1	3.5
Richmond-Tweed	0.2	0.7	3.7	0.8	3.1	4.0
Mid-North Coast	0.5	3.0	6.6	1.9	7.4	3.8
Northern	17.4	68.5	3.9	4.9	13.7	2.8
North Western	14.9	57.8	3.9	10.5	31.1	3.0
Central West	24.4	107.8	4.4	23.0	74.8	3.3
South Eastern	6.9	27.4	4.0	9.1	32.6	3.6
Murrumbidgee	12.5	50.9	4.1	18.2	59.3	3.3
Murray	8.7	39.8	4.6	32.7	107.3	3.3
Far West	—	0.1	6.0	—	—	—
New South Wales						
1997	95.3	412.3	4.3	108.5	354.8	3.3
1996	111.6	468.2	4.2	142.8	472.0	3.3
1995	90.0	355.8	4.0	97.0	251.5	2.6

Statistical division	CEREAL CROPS.....			OTHER CROPS.....		
	Area '000 ha	Production '000 t	Yield t/ha	Area '000 ha	Production '000 t	Yield t/ha
Sydney	0.2	0.8	3.9	—	0.1	5.5
Hunter	0.7	2.4	3.7	0.3	0.6	2.0
Illawarra	0.1	0.4	4.4	0.1	0.5	3.6
Richmond-Tweed	0.2	0.8	4.7	0.2	1.3	6.4
Mid-North Coast	0.3	1.2	4.7	0.1	0.3	4.6
Northern	6.6	21.6	3.3	1.1	2.6	2.4
North Western	11.9	44.3	3.7	0.7	1.8	2.6
Central West	18.8	68.5	3.6	0.9	2.3	2.4
South Eastern	2.7	8.9	3.3	0.1	0.1	1.2
Murrumbidgee	11.4	43.3	3.8	0.6	2.5	3.9
Murray	9.3	36.6	3.9	1.0	3.0	2.9
Far West	—	—	—	—	—	—
New South Wales						
1997	62.1	228.9	3.7	5.2	15.0	2.9
1996	112.5	390.5	3.5	n.c.	n.c.	n.c.
1995	93.9	173.8	1.9	n.c.	n.c.	n.c.

Statistical division	CANOLA			SAFFLOWER		
	Area	Production	Yield	Area	Production	Yield
	'000 ha	'000 t	t/ha	'000 ha	'000 t	t/ha
Sydney	—	—	—	—	—	—
Hunter	0.3	0.5	2.0	—	—	—
Illawarra	—	—	—	—	—	—
Richmond-Tweed	—	—	—	—	—	—
Mid-North Coast	—	—	—	—	—	—
Northern	1.1	2.2	2.1	1.2	1.1	0.9
North Western	5.8	13.0	2.2	0.5	0.3	0.5
Central West	40.8	78.7	1.9	0.1	—	0.4
South East	16.4	33.0	2.0	—	—	—
Murrumbidgee	80.9	155.5	1.9	3.5	2.4	0.7
Murray	27.4	47.8	1.7	4.6	4.2	0.9
Far West	—	—	—	0.7	0.5	0.8
New South Wales						
1997	172.7	330.8	1.9	10.7	8.5	0.8
1996	170.2	272.3	1.6	10.3	6.3	0.6
1995	152.9	73.2	0.5	4.5	2.3	0.5

Statistical division	SOYBEANS			SUNFLOWER		
	Area	Production	Yield	Area	Production	Yield
	'000 ha	'000 t	t/ha	'000 ha	'000 t	t/ha
Sydney	—	—	—	—	—	—
Hunter	0.1	0.1	1.0	2.5	4.9	2.0
Illawarra	—	—	—	—	—	—
Richmond-Tweed	6.5	13.8	2.1	—	—	—
Mid-North Coast	1.0	2.1	2.0	—	—	—
Northern	4.8	9.7	2.0	30.5	30.5	1.0
North Western	1.1	2.7	2.3	3.8	3.1	0.8
Central West	0.7	1.3	1.9	0.4	0.4	1.0
South East	—	—	—	—	—	—
Murrumbidgee	4.8	11.5	2.4	1.7	3.2	1.9
Murray	2.5	5.0	2.0	1.3	2.5	2.0
Far West	—	—	—	1.2	1.5	1.3
New South Wales						
1997	21.5	46.1	2.1	41.3	46.2	1.1
1996	11.6	21.5	1.8	34.4	38.7	1.1
1995	9.4	17.1	1.8	49.9	53.9	1.1

15

OTHER CROPS, Year ended 31 March 1997

Statistical division	COTTON (SEED).....			SUGAR CANE (CUT FOR CRUSHING)		
	Area '000 ha	Production '000 t	Yield t/ha	Area '000 ha	Production '000 t	Yield t/ha
Sydney	—	—	—	—	—	—
Hunter	—	—	—	—	—	—
Illawarra	—	—	—	—	—	—
Richmond-Tweed	—	—	—	12.5	1 520.8	121.2
Mid-North Coast	—	—	—	5.4	710.6	130.9
Northern	184.7	744.3	4.0	—	—	—
North Western	58.9	260.5	4.4	—	—	—
Central West	—	—	—	—	—	—
South East	—	—	—	—	—	—
Murrumbidgee	0.3	1.2	4.4	—	—	—
Murray	—	—	—	—	—	—
Far West	5.2	21.0	4.0	—	—	—
New South Wales						
1997	249.1	1 026.9	4.1	18.0	2 231.4	124.2
1996	201.0	629.5	3.1	17.9	1 922.7	107.4
1995	156.8	550.1	3.5	16.5	1 825.4	111.0

16

GROSS VALUE OF PRINCIPAL CROPS AND PASTURES, Years ended 30 June

	1994-95	1995-96r	1996-97
	\$m	\$m	\$m
Cereals for grain			
Barley	67.6	231.6	332.6
Maize	36.0	43.7	51.1
Oats	44.5	121.7	87.3
Panicum and millet	4.0	1.6	0.9
Rice	216.1	225.8	307.6
Sorghum	66.7	93.8	77.2
Triticale	12.5	43.0	49.2
Wheat	201.9	1 121.4	1 746.8
Other	4.0	2.5	1.0
Total	653.3	1 885.1	2 653.7
Crops for hay			
Cereals	31.5	47.8	24.9
Other	2.6	5.2	2.2
Total	34.1	53.0	27.1
Pastures and grasses for hay			
Lucerne	78.5	83.6	47.0
Other	46.4	49.6	30.4
Other crops			
Cotton	595.2	665.4	933.1
Sugar cane (cut for crushing)	50.3	50.0	71.6

	AREA SOWN (HECTARES).....					
	0 to 49	50 to 99	100 to 149	150 to 199	200 to 299	300 to 399
Barley for grain						
establishments (number)	2 298	1 385	738	377	448	166
percentage of total establishments	40.2	24.2	12.9	6.6	7.8	2.9
area (hectares)	59 279	95 127	85 447	62 585	101 933	54 286
percentage of total area of barley planted	8.9	14.2	12.8	9.4	15.3	8.1
production (tonnes)	140 445	220 341	196 106	143 511	236 550	122 034
percentage of total barley production	9.5	14.9	13.2	9.7	16.0	8.2
Grain sorghum						
establishments (number)	250	219	127	72	83	32
percentage of total establishments	29.8	26.1	15.2	8.6	9.9	3.8
area (hectares)	7 098	15 173	15 140	12 122	19 815	10 574
percentage of total area of grain sorghum planted	6.0	12.9	12.9	10.3	16.9	9.0
production (tonnes)	19 915	51 936	52 989	44 544	70 330	37 812
percentage of total grain sorghum production	4.8	12.5	12.7	10.7	16.9	9.1
Oats for grain						
establishments (number)	5 631	1 514	550	160	170	36
percentage of total establishments	69.4	18.7	6.8	2.0	2.1	0.4
area (hectares)	124 268	99 573	62 012	26 119	37 488	11 737
percentage of total area of oats planted	31.6	25.4	15.8	6.7	9.5	3.0
production (tonnes)	213 935	160 405	91 829	35 944	51 123	15 244
percentage of total oats production	35.2	26.4	15.1	5.9	8.4	2.5
Rice for grain						
establishments (number)	336	682	221	108	80	16
percentage of total establishments	22.7	46.0	14.9	7.3	5.4	1.1
area (hectares)	11 581	47 350	26 762	18 229	18 088	5 146
percentage of total area of rice planted	7.6	31.3	17.7	12.0	11.9	3.4
production (tonnes)	97 602	407 793	223 241	147 696	146 982	35 967
percentage of total rice production	7.8	32.7	17.9	11.8	11.8	2.9
Wheat for grain						
establishments (number)	2 485	2 245	1 709	1 105	1 543	762
percentage of total establishments	20.6	18.6	14.2	9.2	12.8	6.3
area (hectares)	68 090	159 478	202 603	185 801	363 613	254 952
percentage of total area of wheat planted	2.1	5.0	6.3	5.8	11.4	8.0
production (tonnes)	194 696	464 590	594 895	550 502	1 045 426	700 612
percentage of total wheat production	2.3	5.6	7.1	6.6	12.5	8.4

(a) Year ended 31 March 1997.

	AREA SOWN (HECTARES).....					Total
	400 to 499	500 to 999	1,000 to 1,499	1,500 to 1,999	2,000 and over	
Barley for grain						
establishments (number)	137	121	21	9	13	5 713
percentage of total establishments	2.4	2.1	0.4	0.2	0.2	100.0
area (hectares)	58 355	81 974	23 513	14 850	30 830	668 179
percentage of total area of barley planted	8.7	12.3	3.5	2.2	4.6	100.0
production (tonnes)	125 704	160 160	43 874	25 913	68 407	1 483 044
percentage of total barley production	8.5	10.8	3.0	1.7	4.6	100.0
Grain sorghum						
establishments (number)	24	25	5	—	1	838
percentage of total establishments	2.9	3.0	0.6	—	0.1	100.0
area (hectares)	10 543	16 359	6 005	—	4 500	117 329
percentage of total area of grain sorghum planted	9.0	13.9	5.1	—	3.8	100.0
production (tonnes)	43 945	66 196	22 257	—	7 000	416 925
percentage of total grain sorghum production	10.5	15.9	5.3	—	1.7	100.0
Oats for grain						
establishments (number)	23	19	6	1	1	8 111
percentage of total establishments	0.3	0.2	0.1	—	—	100.0
area (hectares)	9 530	11 706	6 510	1 600	2 174	392 717
percentage of total area of oats planted	2.4	3.0	1.7	0.4	0.6	100.0
production (tonnes)	13 835	13 772	9 295	1 000	850	607 233
percentage of total oats production	2.3	2.3	1.5	0.2	0.1	100.0
Rice for grain						
establishments (number)	21	13	4	—	1	1 482
percentage of total establishments	1.4	0.9	0.3	—	0.1	100.0
area (hectares)	8 724	8 479	4 840	—	2 233	151 434
percentage of total area of rice planted	5.8	5.6	3.2	—	1.5	100.0
production (tonnes)	72 870	69 193	37 860	—	8 991	1 248 195
percentage of total rice production	5.8	5.5	3.0	—	0.7	100.0
Wheat for grain						
establishments (number)	643	1 012	297	104	143	12 048
percentage of total establishments	5.3	8.4	2.5	0.9	1.2	100.0
area (hectares)	277 486	683 952	343 634	175 293	477 135	3 192 037
percentage of total area of wheat planted	8.7	21.4	10.8	5.5	14.9	100.0
production (tonnes)	728 562	1 752 804	819 082	396 577	1 115 666	8 363 413
percentage of total wheat production	8.7	21.0	9.8	4.7	13.3	100.0

(a) Year ended 31 March 1997.

18

ESTABLISHMENTS GROWING CEREALS FOR GRAIN, Year ended 31 March 1997

	Barley	Grain sorghum	Maize	Millet	Oats	Rice	Triticale	Wheat
Statistical division	no.	no.	no.	no.	no.	no.	no.	no.
Sydney	—	—	4	6	20	—	—	3
Hunter	85	58	31	13	176	—	5	191
Illawarra	3	—	—	11	23	—	3	2
Richmond-Tweed	47	—	37	12	18	—	—	—
Mid-North Coast	16	2	58	8	16	—	1	2
Northern	1 350	662	86	26	925	—	26	2 126
North Western	943	74	23	11	1 495	—	41	2 305
Central West	1 225	7	20	22	2 411	—	270	2 665
South East	52	1	1	10	766	—	360	550
Murrumbidgee	1 092	21	57	9	1 319	616	775	2 466
Murray	898	13	16	16	941	866	432	1 733
Far West	2	—	—	—	1	—	—	5
New South Wales								
1997	5 713	838	333	144	8 111	1 482	1 913	12 048
1996	4 999	1 051	319	112	8 762	1 433	1 321	9 968
1995	3 929	1 103	313	181	6 697	1 402	936	7 825

APPLES

LEMONS AND LIMES

Statistical division	Trees under	Trees 6 years	Production	Yield	Trees under	Trees 6 years	Production	Yield
	6 years	and over			6 years	and over		
	'000	'000	tonnes	kg/tree	'000	'000	tonnes	kg/tree
Sydney	44.1	54.5	2 075.5	38.1	33.6	67.2	2 785.6	41.5
Hunter	0.7	1.5	38.3	25.8	—	0.4	13.0	31.6
Illawarra	7.2	13.0	587.6	45.2	0.1	0.1	2.8	34.9
Richmond-Tweed	—	0.1	3.2	31.6	1.5	3.1	79.7	25.7
Mid-North Coast	0.1	0.3	0.1	0.3	0.9	1.2	28.7	23.9
Northern	5.8	25.8	1 102.8	42.8	0.2	—	3.4	—
North Western	2.5	3.2	22.1	6.8	—	9.6	181.4	18.8
Central West	226.2	600.1	42 022.5	70.0	—	—	—	—
South East	4.5	14.8	302.3	20.5	—	—	0.4	27.8
Murrumbidgee	404.6	552.1	33 687.7	61.0	8.0	20.2	1 483.4	73.4
Murray	34.7	52.4	3 388.7	64.7	4.3	14.9	1 100.6	74.0
Far West	—	—	—	—	—	—	—	—
New South Wales								
1997	730.5	1 317.7	83 230.8	63.2	48.6	116.7	5 678.9	48.7
1996	680.5	1 278.4	61 364.0	48.4	37.5	131.2	5 524.8	42.1
1995	560.2	1 266.5	79 069.0	62.4	39.8	136.0	6 228.9	45.8

MANDARINS

NASHI

Statistical division	Trees under	Trees 6 years	Production	Yield	Trees under	Trees 6 years	Production	Yield
	6 years	and over			6 years	and over		
	'000	'000	tonnes	kg/tree	'000	'000	tonnes	kg/tree
Sydney	5.7	13.1	389.2	29.7	1.0	1.5	52.3	33.9
Hunter	1.6	5.5	156.3	28.2	—	—	—	—
Illawarra	—	—	—	—	—	0.8	2.4	3.2
Richmond-Tweed	6.7	15.7	228.9	14.6	—	—	—	—
Mid-North Coast	3.4	2.5	34.2	13.8	—	—	0.3	—
Northern	—	1.6	65.8	41.9	0.3	0.2	5.1	26.8
North Western	25.0	16.0	325.1	20.3	—	—	—	—
Central West	—	0.1	6.3	126.4	6.7	0.1	46.3	—
South East	0.1	0.1	1.5	14.9	0.6	12.0	200.2	16.7
Murrumbidgee	18.9	12.9	1 045.7	80.8	0.2	0.7	3.3	4.6
Murray	19.5	60.0	3 310.3	55.2	0.3	0.3	18.0	60.0
Far West	—	0.1	3.0	21.4	—	—	—	—
New South Wales								
1997	80.9	127.7	5 566.3	43.6	9.1	15.6	328.0	21.1
1996	61.0	104.9	4 400.5	41.9	6.3	23.1	302.1	13.1
1995	62.5	95.5	4 238.5	44.4	26.8	8.8	391.1	44.4

(a) Yield is calculated for trees 6 years and over only. However, the production figure used to calculate yield includes any contribution by trees 6 years and under. In most cases this contribution is relatively insignificant, but in some instances it can distort yield figures.

Statistical division	ORANGES				PEARS (EXCLUDING NASHI).....			
	Trees under 6 years '000	Trees 6 years and over '000	Production tonnes	Yield kg/tree	Trees under 6 years '000	Trees 6 years and over '000	Production tonnes	Yield kg/tree
Sydney	28.4	268.4	11 424.1	42.6	0.1	0.8	35.9	42.6
Hunter	0.4	8.3	283.0	34.3	0.1	—	1.2	30.0
Illawarra	—	1.1	12.1	11.0	—	0.6	12.1	21.9
Richmond-Tweed	1.1	1.3	49.4	37.0	—	—	—	—
Mid-North Coast	1.6	11.5	553.6	48.0	—	—	—	—
Northern	0.8	1.3	76.8	61.1	0.7	2.1	76.7	35.9
North Western	29.8	77.8	4 957.8	63.7	—	0.1	—	—
Central West	—	2.7	300.2	109.6	14.1	38.9	2 796.1	71.8
South East	—	—	0.6	36.7	0.5	1.7	17.0	9.8
Murrumbidgee	323.2	2 130.8	154 487.3	72.5	2.1	8.0	215.7	27.0
Murray	137.6	800.5	59 253.3	74.0	0.4	0.7	39.9	55.4
Far West	—	0.9	145.0	161.1	—	—	—	—
New South Wales								
1997	522.9	3 304.6	231 543.1	70.1	18.0	53.0	3 194.6	60.3
1996	532.4	3 183.9	177 700.1	55.8	19.1	54.5	2 418.9	44.4
1995	619.8	3 018.3	209 959.7	69.6	20.7	54.4	2 774.1	51.0

(a) Yield is calculated for trees 6 years and over only. However, the production figure used to calculate yield includes any contribution by trees 6 years and under. In most cases this contribution is relatively insignificant, but in some instances it can distort yield figures.

APRICOTS					CHERRIES				
<i>Statistical division</i>	<i>Trees under 6 years</i>	<i>Trees 6 years and over</i>	<i>Production</i>	<i>Yield</i>	<i>Trees under 6 years</i>	<i>Trees 6 years and over</i>	<i>Production</i>	<i>Yield</i>	
	'000	'000	tonnes	kg/tree	'000	'000	tonnes	kg/tree	
Sydney	0.2	1.0	6.5	6.6	0.8	3.2	17.0	5.3	
Hunter	—	0.1	0.3	5.8	—	—	—	—	
Illawarra	—	—	0.1	6.0	—	—	—	—	
Richmond-Tweed	—	—	0.6	20.1	—	—	—	—	
Mid-North Coast	0.2	—	—	—	—	—	—	—	
Northern	0.4	0.7	12.6	19.5	2.5	2.5	11.0	4.4	
North Western	0.7	2.7	28.2	10.3	4.2	1.7	8.5	5.0	
Central West	1.2	0.9	12.9	13.8	87.4	41.9	660.7	15.8	
South East	2.9	6.9	44.3	6.5	158.7	319.7	2 556.4	8.0	
Murrumbidgee	4.6	16.2	713.4	44.1	18.2	8.2	181.4	22.2	
Murray	2.3	5.4	101.4	18.8	0.2	0.8	4.0	5.0	
Far West	—	0.4	6.0	14.3	—	—	—	—	
New South Wales									
1997	12.6	34.2	926.3	27.1	272.0	378.0	3 439.0	9.1	
1996	25.7	28.2	506.5	18.0	227.7	333.7	1 582.4	4.7	
1995	29.2	28.9	793.5	27.4	232.6	269.3	2 695.7	10.0	

NECTARINES					OLIVES				
<i>Statistical division</i>	<i>Trees under 6 years</i>	<i>Trees 6 years and over</i>	<i>Production</i>	<i>Yield</i>	<i>Trees under 6 years</i>	<i>Trees 6 years and over</i>	<i>Production</i>	<i>Yield</i>	
	'000	'000	tonnes	kg/tree	'000	'000	tonnes	kg/tree	
Sydney	65.6	57.7	1 535.5	26.6	0.4	0.4	7.7	19.3	
Hunter	2.3	3.2	53.1	16.4	18.7	0.1	3.0	37.0	
Illawarra	0.9	3.0	40.6	13.5	0.2	—	0.2	—	
Richmond-Tweed	40.9	34.3	727.8	21.2	0.5	—	—	—	
Mid-North Coast	2.5	3.8	43.4	11.4	1.1	—	1.0	—	
Northern	5.1	3.3	37.6	11.5	24.8	0.4	13.6	30.9	
North Western	6.6	2.4	41.8	17.6	1.9	0.6	7.3	11.7	
Central West	46.1	48.2	1 224.3	25.4	7.0	—	1.0	—	
South East	21.9	28.1	675.9	24.1	3.7	—	0.5	—	
Murrumbidgee	243.6	159.0	3 458.7	21.8	1.2	2.3	2.5	1.1	
Murray	2.9	4.5	191.2	42.4	4.6	0.3	7.7	28.7	
Far West	—	—	—	—	—	—	—	—	
New South Wales									
1997	438.5	347.4	8 030.0	23.1	64.1	4.1	44.5	10.8	
1996	363.5	294.9	6 278.4	21.3	n.c.	n.c.	n.c.	n.c.	
1995	218.3	251.1	5 700.2	22.7	n.c.	n.c.	n.c.	n.c.	

(a) Yield is calculated for trees 6 years and over only. However, the production figure used to calculate yield includes any contribution by trees 6 years and under. In most cases this contribution is relatively insignificant, but in some instances it can distort yield figures.

Statistical division	PEACHES.....				PLUMS AND PRUNES			
	Trees under 6 years '000	Trees 6 years and over '000	Production tonnes	Yield kg/tree	Trees under 6 years '000	Trees 6 years and over '000	Production tonnes	Yield kg/tree
Sydney	63.0	103.0	2 664.7	25.9	7.9	27.0	558.6	20.7
Hunter	3.4	7.1	134.6	18.9	0.2	1.0	14.7	14.0
Illawarra	4.5	10.8	250.7	23.2	—	1.5	6.1	4.0
Richmond-Tweed	27.4	35.8	544.8	15.2	0.9	0.5	4.5	9.8
Mid-North Coast	5.5	2.2	109.9	51.1	0.4	0.1	1.7	30.7
Northern	7.5	6.0	78.0	13.1	1.5	3.1	16.6	5.3
North Western	9.7	13.6	231.6	17.1	1.4	5.2	58.8	11.2
Central West	40.1	66.7	1 748.5	26.2	56.5	33.2	738.0	22.2
South Eastern	34.0	45.0	1 562.1	34.7	112.6	238.4	4 761.2	20.0
Murrumbidgee	266.6	188.8	7 646.5	40.5	230.2	83.0	4 175.0	50.3
Murray	4.4	10.6	439.9	41.4	5.4	4.9	73.1	15.0
Far West	—	—	—	—	—	—	—	—
New South Wales								
1997	466.0	489.6	15 411.3	31.5	417.2	398.0	10 409.1	26.2
1996	362.8	403.1	12 909.4	32.0	231.6	364.5	8 605.9	23.7
1995	243.8	394.0	11 907.8	30.2	213.2	371.5	8 152.3	21.9

(a) Yield is calculated for trees 6 years and over only. However, the production figure used to calculate yield includes any contribution by trees 6 years and under. In most cases this contribution is relatively insignificant, but in some instances it can distort yield figures.

ALMONDS					AVOCADOS				
	<i>Trees under 6 years</i>	<i>Trees 6 years and over</i>	<i>Production</i>	<i>Yield</i>		<i>Trees under 6 years</i>	<i>Trees 6 years and over</i>	<i>Production</i>	<i>Yield</i>
<i>Statistical division</i>	'000	'000	tonnes	kg/tree		'000	'000	tonnes	kg/tree
Sydney	—	—	—	—	2.6	2.0	79.0	38.7	
Hunter	—	—	—	—	0.9	2.0	39.4	19.8	
Illawarra	—	—	—	—	—	—	—	—	
Richmond-Tweed	—	—	—	—	21.7	60.8	2 531.8	41.6	
Mid-North Coast	—	—	—	—	22.7	20.5	903.0	44.1	
Northern	—	—	—	—	—	—	0.2	—	
North Western	—	0.2	—	—	—	—	0.1	—	
Central West	—	—	—	—	—	—	—	—	
South Eastern	0.2	—	0.1	—	—	—	—	—	
Murrumbidgee	0.8	7.7	100.0	13.0	0.1	0.3	0.3	1.1	
Murray	18.6	3.1	44.0	14.1	8.4	8.6	645.4	74.6	
Far West	—	—	—	—	—	—	—	—	
New South Wales									
1997	19.7	11.0	144.2	13.1	56.4	94.3	4 199.3	44.5	
1996	23.9	21.0	89.0	4.2	50.3	106.4	4 784.4	43.8	
1995	16.3	7.9	84.0	10.6	41.7	77.4	3 015.7	39.0	
MACADAMIA NUTS					MANGOES				
	<i>Trees under 6 years</i>	<i>Trees 6 years and over</i>	<i>Production</i>	<i>Yield</i>		<i>Trees under 6 years</i>	<i>Trees 6 years and over</i>	<i>Production</i>	<i>Yield</i>
<i>Statistical division</i>	'000	'000	tonnes	kg/tree		'000	'000	tonnes	kg/tree
Sydney	0.7	3.3	11.2	3.5	—	—	—	—	—
Hunter	0.1	0.1	0.1	1.0	—	—	0.2	—	
Illawarra	0.1	0.1	—	—	—	—	—	—	
Richmond-Tweed	308.6	1 006.4	9 172.0	9.1	15.7	19.9	267.3	13.4	
Mid-North Coast	27.2	53.6	364.2	6.8	3.1	1.0	5.8	5.8	
Northern	0.3	4.2	70.0	16.7	—	—	—	—	
North Western	—	—	—	—	—	—	—	—	
Central West	—	—	—	—	—	—	—	—	
South Eastern	—	—	—	—	—	—	—	—	
Murrumbidgee	0.1	9.5	57.2	6.0	—	—	—	—	
Murray	—	—	0.1	6.0	0.4	—	—	—	
Far West	—	—	—	—	—	—	—	—	
New South Wales									
1997	337.0	1 077.1	9 674.8	9.0	19.3	21.0	273.3	13.0	
1996	326.6	844.1	8 007.6	9.5	20.9	19.2	164.5	8.6	
1995	444.7	622.4	6 706.4	10.8	20.7	15.5	340.4	22.0	

(a) Yield is calculated for trees 6 years and over only. However, the production figure used to calculate yield includes any contribution by trees 6 years and under. In most cases this contribution is relatively insignificant, but in some instances it can distort yield figures.

BANANAS.....

Statistical division	Area not yet bearing	Area of bearing age	Production	Yield
	ha	ha	t	t/ha
Sydney	—	—	—	—
Hunter	—	3.2	31.0	9.7
Illawarra	—	—	—	—
Richmond-Tweed	333.4	1 387.6	14 641.2	10.6
Mid-North Coast	190.1	1 737.6	24 241.6	14.0
Northern	—	—	—	—
North Western	—	—	—	—
Central West	—	—	—	—
South Eastern	—	—	—	—
Murrumbidgee	—	—	—	—
Murray	—	—	—	—
Far West	—	—	—	—

New South Wales

1997	523.5	3 128.4	38 913.8	12.4
1996	518.0	3 107.5	38 707.8	12.5
1995	365.0	2 860.0	41 906.2	14.7

KIWIFRUIT

Statistical division	Area not yet bearing	Area of bearing age	Production	Yield
	ha	ha	t	t/ha
Sydney	4.0	32.2	218.6	6.8
Hunter	—	2.0	4.8	2.4
Illawarra	—	2.0	3.8	1.9
Richmond-Tweed	—	3.6	5.5	1.5
Mid-North Coast	2.0	38.5	173.2	4.5
Northern	—	5.1	11.0	2.2
North Western	—	—	—	—
Central West	—	0.3	1.0	3.3
South Eastern	—	5.0	—	—
Murrumbidgee	—	—	—	—
Murray	—	—	—	—
Far West	—	—	—	—

1997	6.0	88.7	417.9	4.7
1996	1.0	103.8	717.1	6.9
1995	6.0	98.0	786.9	8.0

PAWPAWS.....

Statistical division	Area not yet bearing	Area of bearing age	Production	Yield
	ha	ha	t	t/ha
Sydney	—	—	—	—
Hunter	—	—	—	—
Illawarra	—	—	—	—
Richmond-Tweed	3.9	8.9	120.9	13.6
Mid-North Coast	4.6	0.6	2.8	4.7
Northern	—	—	—	—
North Western	—	—	—	—
Central West	—	—	—	—
South Eastern	—	—	—	—
Murrumbidgee	—	—	—	—
Murray	—	—	—	—
Far West	—	—	—	—

New South Wales

1997	8.5	9.5	123.7	13.6
1996	2.8	12.9	60.7	3.2
1995	5.0	9.0	70.3	7.8

PINEAPPLES.....

Statistical division	Area not yet bearing	Area of bearing age	Production	Yield
	ha	ha	t	t/ha
Sydney	—	—	—	—
Hunter	—	—	—	—
Illawarra	—	—	—	—
Richmond-Tweed	—	1.0	0.7	0.7
Mid-North Coast	—	—	—	—
Northern	—	—	—	—
North Western	—	—	—	—
Central West	—	—	—	—
South Eastern	—	—	—	—
Murrumbidgee	—	—	—	—
Murray	—	—	—	—
Far West	—	—	—	—

1997	—	1.0	0.7	0.7
1996	0.2	3.3	29.0	8.8
1995	—	0.1	0.5	5.0

<i>Statistical division</i>	RASPBERRIES.....				STRAWBERRIES			
	<i>Area not yet bearing</i>	<i>Area of bearing age</i>	<i>Production</i>	<i>Yield</i>	<i>Area not yet bearing</i>	<i>Area of bearing age</i>	<i>Production</i>	<i>Yield</i>
	ha	ha	t	t/ha	ha	ha	t	t/ha
Sydney	—	1.2	1.1	0.9	9.3	15.1	97.9	6.5
Hunter	0.6	1.5	1.4	0.9	2.0	2.4	8.2	3.4
Illawarra	—	11.0	5.6	0.5	—	4.1	8.6	2.1
Richmond-Tweed	—	—	—	—	3.8	4.1	24.3	5.9
Mid-North Coast	—	1.0	5.2	5.2	—	0.7	9.4	13.4
Northern	1.1	7.8	7.0	0.9	—	3.9	40.0	10.3
North Western	—	1.6	3.5	2.2	—	1.0	4.0	4.0
Central West	0.2	1.5	1.5	1.0	—	1.2	13.8	11.5
South Eastern	1.0	7.8	3.8	0.5	—	1.1	2.7	2.5
Murrumbidgee	—	0.6	1.0	1.7	—	—	—	—
Murray	—	0.7	0.6	0.9	—	0.3	1.5	5.0
Far West	—	—	—	—	—	—	—	—
New South Wales								
1997	2.9	34.7	30.6	0.9	15.1	33.9	210.3	6.2
1996	1.6	28.1	33.6	1.2	13.4	39.7	217.4	5.5
1995	2.0	25.2	22.8	0.9	10.0	32.0	191.1	6.0

23

GROSS VALUE OF CITRUS, POME AND OTHER FRUIT, Years ended 30 June

	1994-95	1995-96r	1996-97
	\$m	\$m	\$m
Apples	54.6	69.5	98.0
Apricots	2.1	1.4	2.5
Avocados	7.9	7.2	7.7
Bananas	52.3	43.0	53.0
Cherries	13.5	7.0	13.8
Grapefruit	n.a.	n.a.	2.3
Grapes	89.1	132.5	156.8
Lemons and limes	4.7	6.5	9.9
Mandarins	7.1	5.8	7.1
Mangoes	1.2	0.6	0.7
Nectarines	13.6	17.4	14.0
Oranges	80.1	68.2	116.2
Passionfruit	n.a.	n.a.	1.6
Peaches	17.0	16.0	15.6
Pears	1.0	1.2	1.8
Plums and prunes	12.7	12.9	16.8
Strawberries	1.6	1.8	0.9
Other, including nuts	39.9	68.8	60.7
Total	398.4	459.8	579.4

24

GRAPES, Year ended 31 March 1997

AREA OF VINES AT HARVEST.....

Not yet bearing (planted or grafted)

GRAPE PRODUCTION

Statistical division	Prior to	During	Bearing	Winemaking	Drying	Table and other	Total
	collection year	collection year					
	ha	ha	ha	t	t	t	t
Sydney	—	—	30.8	129.5	—	120.5	250.0
Hunter	245.2	125.3	3 349.3	24 517.5	4.6	10.0	24 532.1
Illawarra	—	0.2	14.1	58.5	—	—	58.5
Richmond-Tweed	0.6	0.4	1.6	6.5	—	—	6.5
Mid-North Coast	2.6	0.7	174.6	844.7	—	—	844.7
Northern	18.5	25.1	38.8	388.9	—	0.9	389.8
North Western	109.5	243.5	823.8	6 266.1	—	606.1	6 872.2
Central West	278.5	482.9	779.4	6 213.6	—	51.8	6 265.4
South Eastern	26.2	24.5	191.0	1 053.8	—	—	1 053.8
Murrumbidgee	692.3	909.5	5 913.2	96 279.7	—	34.4	96 314.1
Murray	422.5	431.4	4 325.3	37 705.8	24 359.1	8 363.1	70 428.0
Far West	6.0	46.4	256.1	800.0	—	2 085.8	2 885.8
New South Wales							
1997	1 801.9	2 289.9	15 897.9	174 264.6	24 363.7	11 272.6	209 900.9
1996	1 932.5	1 182.5	13 767.6	167 555.6	46 687.0	10 841.1	225 083.7
1995	728.7	1 082.1	12 626.4	104 687.3	25 823.4	8 439.4	138 950.1

	Units	1995	1996	1997
Asparagus				
area	ha	361.7	438.0	482.5
production	t	2 300.9	2 495.7	2 534.0
yield	t/ha	6.4	5.7	5.3
Beans — French and runner				
area	ha	414.9	604.4	820.5
production	t	1 245.3	1 871.4	2 197.1
yield	t/ha	3.0	3.1	2.7
Beetroot				
area	ha	27.1	89.3	119.3
production	t	498.6	1 304.7	2 871.3
yield	t/ha	18.4	14.6	24.1
Broccoli				
area	ha	408.4	775.6	733.4
production	t	2 159.0	3 973.8	3 406.5
yield	t/ha	5.3	5.1	4.6
Brussels sprouts				
area	ha	10.1	12.1	11.5
production	t	142.2	148.9	117.8
yield	t/ha	14.1	12.3	10.2
Cabbages				
area	ha	431.1	432.6	405.7
production	t	12 534.6	10 042.3	11 006.6
yield	t/ha	29.1	23.2	27.1
Capsicum, chillies and peppers				
area	ha	87.9	79.8	69.9
production	t	927.7	666.2	559.2
yield	t/ha	10.6	8.3	8.0
Carrots				
area	ha	1 448.2	1 306.8	630.1
production	t	26 137.4	22 756.7	13 764.9
yield	t/ha	18.0	17.4	21.8
Cauliflowers				
area	ha	535.2	565.1	634.5
production	t	10 524.2	10 743.0	11 691.5
yield	t/ha	19.7	19.0	18.4
Celery				
area	ha	12.1	17.7	8.0
production	t	381.7	470.6	194.9
yield	t/ha	31.5	26.6	24.4
Chinese cabbages				
area	ha	15.5	25.6	52.9
production	t	480.3	646.9	796.3
yield	t/ha	31.0	25.3	15.1
Cucumbers				
area	ha	385.6	481.9	409.2
production	t	3 961.5	5 855.7	5 263.9
yield	t/ha	10.3	12.2	12.9
Green peas (pod weight)				
area	ha	823.0	1 020.4	1 343.9
production	t	5 223.0	8 828.6	10 728.5
yield	t/ha	3.2	8.7	8.0
Leeks				
area	ha	6.5	20.2	18.1
production	t	35.3	120.3	172.7
yield	t/ha	5.4	6.0	9.5
Lettuces				
area	ha	443.5	518.7	650.2
production	t	7 641.9	7 194.1	12 967.2
yield	t/ha	17.2	13.9	19.9
Marrows and squashes				
area	ha	35.8	14.8	21.5
production	t	151.5	78.6	100.3
yield	t/ha	4.2	5.3	4.7

	<i>Units</i>	1995	1996	1997
Melons — rock and cantaloupe				
area	ha	538.9	582.1	577.1
production	t	11 640.9	10 126.4	11 093.8
yield	t/ha	21.6	17.4	19.2
Melons — water				
area	ha	329.3	345.0	338.5
production	t	5 147.9	4 929.3	6 057.6
yield	t/ha	15.6	14.3	17.9
Melons — other				
area	ha	18.0	4.0	8.0
production	t	127.2	39.0	86.5
yield	t/ha	7.1	9.8	10.8
Mushrooms				
area	ha	57.9	58.8	52.8
production	t	12 508.3	12 371.9	12 260.3
yield	t/ha	216.0	210.4	232.2
Onions — white and brown				
area	ha	750.7	749.4	719.4
production	t	12 010.0	14 059.7	13 815.7
yield	t/ha	16.0	18.8	19.2
Parsley				
area	ha	29.4	34.3	35.9
production	t	1 068.2	1 054.1	276.6
yield	t/ha	36.3	30.7	7.7
Parsnips				
area	ha	50.6	38.6	41.1
production	t	1 065.6	1 071.2	460.2
yield	t/ha	21.1	27.8	11.2
Potatoes				
area	ha	6 274.0	7 167.8	5 959.3
production	t	126 812.0	162 456.2	136 172.8
yield	t/ha	20.2	22.7	22.9
Pumpkins				
area	ha	1 228.4	1 642.7	1 379.3
production	t	18 152.9	22 236.4	19 730.5
yield	t/ha	14.8	13.5	14.3
Snow peas				
area	ha	36.5	65.6	35.5
production	t	56.3	52.9	66.3
yield	t/ha	1.5	0.8	1.9
Spring onions				
area	ha	32.1	35.5	37.2
production	t	840.7	762.2	285.7
yield	t/ha	26.2	21.5	7.7
Swedes				
area	ha	80.9	40.3	27.8
production	t	969.8	632.7	409.5
yield	t/ha	12.0	15.7	14.7
Sweet corn				
area	ha	3 137.2	3 634.1	2 407.7
production	t	44 134.3	49 064.1	34 273.0
yield	t/ha	14.1	13.5	14.2
Tomatoes				
area	ha	2 053.4	1 818.6	2 035.1
production	t	85 323.2	82 515.2	102 794.9
yield	t/ha	41.6	45.4	50.5
Zucchini				
area	ha	196.9	228.5	213.4
production	t	1 509.9	1 746.0	1 758.6
yield	t/ha	7.7	7.6	8.2

	Units	Sydney	Hunter	Illawarra	Richmond-Tweed	Mid-North Coast	Northern
Asparagus							
area	ha	5.0	—	0.7	—	0.5	—
production	t	3.8	—	0.3	—	0.1	—
yield	t/ha	0.8	—	0.4	—	0.2	—
Beans — French and runner							
area	ha	17.5	7.3	0.6	44.3	178.4	5.1
production	t	19.5	6.9	0.5	74.5	508.0	6.1
yield	t/ha	1.1	0.9	0.8	1.7	2.8	1.2
Beetroot							
area	ha	14.8	0.1	—	0.8	0.3	0.1
production	t	212.6	0.5	—	17.0	1.7	0.3
yield	t/ha	14.4	5.0	—	21.3	5.7	3.0
Broccoli							
area	ha	66.9	9.1	—	0.9	7.6	5.4
production	t	302.3	24.2	—	2.9	21.3	33.4
yield	t/ha	4.5	2.7	—	3.2	2.8	6.2
Brussels sprouts							
area	ha	—	—	—	0.2	—	1.3
production	t	—	—	—	0.8	—	3.0
yield	t/ha	2.0	—	—	4.0	—	2.3
Cabbages							
area	ha	213.0	47.8	0.7	1.6	9.1	2.2
production	t	5 028.1	674.0	3.5	25.3	60.0	30.7
yield	t/ha	23.6	14.1	5.0	15.8	6.6	14.0
Capsicum, chillies and peppers							
area	ha	38.9	1.1	—	4.3	2.3	6.4
production	t	295.1	5.0	—	19.7	8.8	62.5
yield	t/ha	7.6	4.5	—	4.6	3.8	9.8
Carrots							
area	ha	67.5	51.8	5.0	—	—	1.0
production	t	1 005.3	772.6	220.0	—	—	22.0
yield	t/ha	14.9	14.9	44.0	—	—	22.0
Cauliflowers							
area	ha	211.7	57.5	—	—	6.0	74.1
production	t	4 500.5	578.0	—	—	80.0	1 076.0
yield	t/ha	21.3	10.1	—	—	13.3	14.5
Celery							
area	ha	—	—	—	—	2.0	6.0
production	t	—	—	—	—	49.9	145.0
yield	t/ha	—	—	—	—	25.0	24.2
Chinese cabbages							
area	ha	52.7	—	—	0.1	—	—
production	t	795.6	—	—	0.4	—	—
yield	t/ha	15.1	—	—	4.0	—	—
Cucumber							
area	ha	26.3	7.8	0.1	2.5	4.3	3.3
production	t	285.8	44.7	0.5	17.3	140.3	14.1
yield	t/ha	10.9	5.7	5.0	6.9	32.6	4.3
Green peas (pod weight)							
area	ha	9.6	2.2	1.0	39.2	26.7	0.6
production	t	14.7	2.4	1.0	106.1	35.8	1.4
yield	t/ha	1.5	1.1	1.0	2.7	1.3	2.3
Leeks							
area	ha	12.4	—	—	0.1	1.5	4.1
production	t	128.0	—	—	0.5	14.3	29.8
yield	t/ha	10.3	—	—	5.0	9.5	7.3
Lettuces							
area	ha	256.4	25.8	—	6.6	13.1	0.5
production	t	5 481.1	174.5	—	590.7	567.8	44.7
yield	t/ha	21.4	6.8	—	89.5	43.3	89.4
Marrows and squashes							
area	ha	9.9	1.3	—	3.1	2.6	3.2
production	t	73.3	0.9	—	0.8	3.0	9.8
yield	t/ha	7.4	0.7	—	0.3	1.2	3.1

	Units	North Western	Central West	South Eastern	Murrumbidgee	Murray	Far West
.....							
Asparagus							
area	ha	8.4	197.0	134.1	24.5	112.3	—
production	t	5.0	686.0	1 026.2	116.0	696.6	—
yield	t/ha	1.8	3.5	7.7	4.7	6.2	—
Beans — French and runner							
area	ha	236.0	276.8	26.7	—	27.8	—
production	t	690.0	764.6	69.0	—	58.0	—
yield	t/ha	2.9	2.8	2.6	—	2.1	—
Beetroot							
area	ha	0.6	102.0	0.1	—	0.5	—
production	t	2.1	2 625.0	0.1	—	12.0	—
yield	t/ha	3.5	25.7	1.0	—	24.0	—
Broccoli							
area	ha	11.5	98.0	406.0	88.0	40.0	—
production	t	44.5	502.6	2 029.0	333.3	113.0	—
yield	t/ha	3.9	5.1	5.0	3.8	2.8	—
Brussels sprouts							
area	ha	—	10.0	—	—	—	—
production	t	—	114.0	—	—	—	—
yield	t/ha	—	11.4	—	—	—	—
Cabbages							
area	ha	8.0	97.7	12.0	8.6	5.0	—
production	t	72.0	4 089.0	570.0	276.0	178.0	—
yield	t/ha	9.0	41.9	47.5	32.1	35.6	—
Capsicum, chillies and peppers							
area	ha	1.9	0.1	0.4	0.6	13.9	—
production	t	2.3	1.0	2.7	4.0	158.2	—
yield	t/ha	1.2	10.0	6.8	6.7	11.4	—
Carrots							
area	ha	—	12.0	80.7	410.1	2.0	—
production	t	—	200.0	808.3	10 701.7	35.0	—
yield	t/ha	—	16.7	10.0	26.1	17.5	—
Cauliflowers							
area	ha	10.7	260.0	4.0	10.0	0.5	—
production	t	86.0	5 142.0	150.0	75.0	4.0	—
yield	t/ha	8.0	19.8	37.5	7.5	8.0	—
Celery							
area	ha	—	—	—	—	—	—
production	t	—	—	—	—	—	—
yield	t/ha	—	—	—	—	—	—
Chinese cabbages							
area	ha	0.1	—	—	—	—	—
production	t	0.3	—	—	—	—	—
yield	t/ha	3.0	—	—	—	—	—
Cucumber							
area	ha	2.0	1.0	0.3	359.0	2.6	—
production	t	6.6	6.5	1.6	4 705.0	41.4	—
yield	t/ha	3.3	6.5	5.3	13.1	15.9	—
Green peas (pod weight)							
area	ha	240.0	443.2	0.5	578.4	2.5	—
production	t	1 756.2	2 968.8	2.7	5 830.3	9.1	—
yield	t/ha	7.3	6.7	5.4	10.1	3.6	—
Leeks							
area	ha	—	—	—	—	—	—
production	t	—	—	—	—	—	—
yield	t/ha	—	—	—	—	—	—
Lettuces							
area	ha	41.9	111.1	28.5	159.8	6.5	—
production	t	669.6	2 122.6	532.0	2 672.2	112.0	—
yield	t/ha	16.0	19.1	18.7	16.7	17.2	—
Marrows and squashes							
area	ha	0.2	0.4	—	—	0.8	—
production	t	0.8	6.3	—	—	5.4	—
yield	t/ha	4.0	15.8	—	—	6.8	—
.....							

	Units	Sydney	Hunter	Illawarra	Richmond-Tweed	Mid-North Coast	Northern
.....							
Melons — rock and cantaloupe							
area	ha	1.1	2.0	—	1.0	—	5.1
production	t	12.0	10.2	—	5.0	—	17.0
yield	t/ha	10.9	5.1	—	5.0	—	3.3
Melons — water							
area	ha	55.5	45.3	—	11.3	35.2	17.7
production	t	620.6	498.6	—	67.0	754.0	204.0
yield	t/ha	11.2	11.0	—	5.9	21.4	11.5
Melons — other							
area	ha	—	—	—	—	—	—
production	t	—	—	—	—	—	—
yield	t/ha	—	—	—	—	—	—
Mushrooms							
area	ha	41.9	1.1	5.1	2.8	0.7	—
production	t	9 778.7	278.2	1 164.0	211.5	250.4	—
yield	t/ha	233.4	252.9	228.2	75.5	357.7	—
Onions — white and brown							
area	ha	3.7	2.4	—	—	2.0	10.6
production	t	13.4	27.3	—	—	32.0	160.1
yield	t/ha	3.6	11.4	—	—	16.0	15.1
Parsley							
area	ha	31.2	0.3	—	2.1	0.7	0.8
production	t	254.6	0.8	—	14.6	3.3	2.0
yield	t/ha	8.2	2.7	—	7.0	4.7	2.5
Parsnips							
area	ha	2.7	—	—	0.4	—	1.0
production	t	24.8	—	—	4.4	—	11.0
yield	t/ha	9.2	—	—	11.0	—	11.0
Potatoes							
area	ha	253.1	187.9	204.0	58.8	536.0	393.6
production	t	5 766.5	3 118.9	5 524.0	1 778.5	13 575.5	10 055.0
yield	t/ha	22.8	16.6	27.1	30.2	25.3	25.5
Pumpkins							
area	ha	82.6	122.4	1.1	22.5	30.6	179.6
production	t	634.9	1 031.9	10.2	129.0	197.8	1 770.9
yield	t/ha	7.7	8.4	9.3	5.7	6.5	9.9
Snow peas							
area	ha	10.1	—	—	0.4	8.7	5.4
production	t	22.0	—	—	1.2	15.0	17.3
yield	t/ha	2.2	—	—	3.0	1.7	3.2
Spring onions							
area	ha	32.5	0.6	—	0.1	—	0.4
production	t	259.5	0.2	—	2.6	—	2.5
yield	t/ha	8.0	0.3	—	26.4	—	6.3
Swedes							
area	ha	7.0	1.0	6.5	—	—	—
production	t	105.0	1.0	135.0	—	—	—
yield	t/ha	15.0	1.0	20.8	—	—	—
Sweet corn							
area	ha	60.5	8.8	1.1	10.4	17.5	122.5
production	t	455.4	21.3	2.5	37.6	157.4	980.0
yield	t/ha	7.5	2.4	2.3	3.6	9.0	8.0
Tomatoes							
area	ha	108.0	9.8	1.4	60.0	26.0	6.8
production	t	2 268.7	58.5	44.1	1 868.3	578.5	203.9
yield	t/ha	21.0	6.0	31.5	31.1	22.3	30.0
Zucchini							
area	ha	46.2	2.3	—	84.0	24.2	7.0
production	t	283.0	6.0	—	820.8	41.8	34.2
yield	t/ha	6.1	2.6	—	9.8	1.7	4.9
.....							

	Units	North Western	Central West	South Eastern	Murrumbidgee	Murray	Far West
.....							
Melons — rock and cantaloupe							
area	ha	22.8	0.7	—	399.9	144.5	—
production	t	567.0	8.4	—	7 356.4	3 117.8	—
yield	t/ha	24.9	12.0	—	18.4	21.6	—
Melons — water							
area	ha	18.7	28.2	—	99.9	26.7	—
production	t	316.0	1 086.9	—	1 953.5	557.0	—
yield	t/ha	16.9	38.5	—	19.6	20.9	—
Melons — other							
area	ha	—	—	—	6.0	2.0	—
production	t	—	—	—	61.5	25.0	—
yield	t/ha	—	—	—	10.3	12.5	—
Mushrooms							
area	ha	0.2	0.8	0.2	—	—	—
production	t	60.0	123.4	394.1	—	—	—
yield	t/ha	300.0	154.3	1 970.5	—	—	—
Onions — white and brown							
area	ha	4.0	—	—	460.1	236.6	—
production	t	23.0	—	—	11 337.6	2 222.3	—
yield	t/ha	5.8	—	—	24.6	9.4	—
Parsley							
area	ha	0.3	0.5	—	—	—	—
production	t	0.6	0.8	—	—	—	—
yield	t/ha	2.0	1.6	—	—	—	—
Parsnips							
area	ha	—	—	—	37.0	—	—
production	t	—	—	—	420.0	—	—
yield	t/ha	—	—	—	11.4	—	—
Potatoes							
area	ha	122.2	196.9	111.7	1 768.0	2 127.1	—
production	t	2 745.3	5 628.5	1 806.4	37 212.2	48 962.0	—
yield	t/ha	22.5	28.6	16.2	21.0	23.0	—
Pumpkins							
area	ha	26.0	86.2	13.7	539.6	275.0	—
production	t	271.0	1 889.5	241.7	8 113.9	5 439.7	—
yield	t/ha	10.4	21.9	17.6	15.0	19.8	—
Snow peas							
area	ha	0.1	6.0	—	—	4.8	—
production	t	0.1	9.3	—	—	1.4	—
yield	t/ha	1.0	1.6	—	—	0.3	—
Spring onions							
area	ha	2.1	—	0.5	—	1.0	—
production	t	4.8	—	—	—	16.0	—
yield	t/ha	2.3	—	—	—	16.0	—
Swedes							
area	ha	0.8	4.5	—	8.0	—	—
production	t	0.5	8.0	—	160.0	—	—
yield	t/ha	0.6	1.8	—	20.0	—	—
Sweet corn							
area	ha	351.2	780.5	0.1	991.0	64.1	—
production	t	5 158.5	9 996.4	0.2	17 284.0	179.7	—
yield	t/ha	14.7	12.8	2.0	17.4	2.8	—
Tomatoes							
area	ha	2.6	137.9	0.4	800.4	881.8	—
production	t	75.4	6 624.5	4.5	41 927.7	49 140.8	—
yield	t/ha	29.0	48.0	11.3	52.4	55.7	—
Zucchini							
area	ha	1.3	2.9	28.1	0.2	17.2	—
production	t	9.5	37.1	400.4	5.0	120.6	—
yield	t/ha	7.3	12.8	14.2	25.0	7.0	—
.....							

27

GROSS VALUE OF VEGETABLES FOR HUMAN CONSUMPTION, Years ended 30 June

	1994-95	1995-96r	1996-97
	\$m	\$m	\$m
Asparagus	16.5	16.3	12.5
Beans — French and runner	2.6	3.7	1.9
Beetroot	0.3	0.7	1.3
Broccoli	4.6	6.5	6.0
Cabbages and brussels sprouts	3.9	3.8	4.2
Capsicum, chillies and peppers	1.1	0.6	0.5
Carrots	7.2	6.0	5.6
Cauliflowers	4.9	5.5	6.0
Celery	0.3	0.3	0.1
Cucumbers	3.1	4.4	3.4
Green peas (pod weight)	1.6	2.4	2.3
Leeks	0.1	0.3	0.4
Lettuces	8.6	8.6	10.9
Marrows and squashes	0.3	0.2	0.3
Melons — water	2.6	3.0	1.9
Melons — rock and cantaloupe	8.3	6.3	6.4
Mushrooms	42.6	40.0	39.0
Onions — white and brown	5.1	7.3	5.8
Parsley	3.1	3.8	0.9
Parsnips	1.1	1.0	0.5
Potatoes	41.0	49.8	49.4
Pumpkins	5.6	4.8	9.7
Swedes	0.4	0.3	0.1
Sweet corn	8.7	8.8	8.5
Sweet potatoes	3.6	n.c.	2.0
Tomatoes	14.4	16.5	16.9
Zucchini	1.7	2.2	2.1
Other vegetables	4.9	10.5	4.6
Total	198.2	213.6	203.2

28

AREA OF NURSERIES, CUT FLOWERS AND CULTIVATED TURF, Year ended 31 March 1997

Statistical division	Nurseries	Cut flowers	Cultivated turf
	ha	ha	ha
Sydney	500.4	404.7	1 385.2
Hunter	48.7	27.4	175.1
Illawarra	95.6	41.1	116.7
Richmond-Tweed	215.3	30.2	153.1
Mid-North Coast	95.3	131.4	112.5
Northern	35.3	4.4	29.7
North Western	28.6	1.7	38.0
Central West	50.2	11.7	33.5
South Eastern	54.6	34.8	25.2
Murrumbidgee	64.0	6.5	24.0
Murray	76.4	45.4	40.0
Far West	—	—	—
New South Wales			
1997	1 264.4	739.3	2 133.0
1996	1 250.3	471.7	1 620.7
1995	1 082.7	664.1	1 717.3

29

MEAT CATTLE NUMBERS, At 31 March 1997

<i>Statistical division</i>	<i>Bulls and bull calves intended for service</i>	<i>Cows and heifers one year and over</i>	<i>Heifers and other calves under one year</i>	<i>Other cattle one year and over</i>	<i>Total meat cattle</i>	<i>Percentage of total meat cattle herd</i>
	'000	'000	'000	'000	'000	%
Sydney	1.0	20.0	10.1	7.3	38.4	0.6
Hunter	11.0	269.4	155.8	109.2	545.4	8.9
Illawarra	1.6	34.1	21.1	11.0	67.9	1.1
Richmond-Tweed	6.7	174.4	74.3	28.7	284.1	4.6
Mid-North Coast	7.9	192.0	96.1	72.6	368.7	6.0
Northern	34.7	832.8	498.3	343.6	1 709.4	27.9
North Western	14.6	395.1	236.0	170.3	816.0	13.3
Central West	11.9	277.9	189.3	112.8	591.8	9.7
South Eastern	12.4	277.0	168.0	63.5	520.9	8.5
Murrumbidgee	10.2	263.5	154.9	138.4	567.0	9.3
Murray	10.5	257.0	155.7	95.5	518.7	8.5
Far West	1.4	46.6	23.5	18.2	89.8	1.5
New South Wales						
1997	124.0	3 039.9	1 783.1	1 171.1	6 118.1	100.0
1996	122.0	2 962.8	1 679.9	1 254.5	6 019.1	100.0
1995	127.2	2 909.7	1 727.6	1 102.3	5 866.8	100.0

30

ESTABLISHMENTS WITH MEAT CATTLE, At 31 March 1997

<i>Statistical division</i>	<i>Bulls and bull calves intended for service</i>	<i>Cows and heifers one year and over</i>	<i>Heifers and other calves under one year</i>	<i>Other cattle one year and over</i>	<i>Total establishments with meat cattle</i>	<i>Percentage of total establishments with meat cattle</i>
	no.	no.	no.	no.	no.	%
Sydney	338	426	388	235	489	1.7
Hunter	1 911	2 150	1 976	1 594	2 413	8.5
Illawarra	483	573	536	335	659	2.3
Richmond-Tweed	1 820	1 949	1 783	824	2 117	7.4
Mid-North Coast	1 842	1 997	1 830	1 378	2 271	8.0
Northern	4 452	5 095	4 614	3 946	5 537	19.4
North Western	2 589	3 010	2 707	2 274	3 233	11.3
Central West	2 672	3 228	2 875	2 261	3 568	12.5
South Eastern	2 384	2 883	2 561	1 902	3 150	11.1
Murrumbidgee	1 841	2 210	1 915	1 516	2 420	8.5
Murray	1 760	2 155	1 855	1 546	2 423	8.5
Far West	190	201	184	146	212	0.7
New South Wales						
1997	22 282	25 877	23 224	17 957	28 492	100.0
1996	22 133	25 488	23 326	18 101	28 323	100.0
1995	22 765	25 094	23 898	16 574	28 115	100.0

Herd size	1996		1997	
	<i>Establishments</i>	<i>Percentage of establishments with meat cattle</i>	<i>Establishments</i>	<i>Percentage of establishments with meat cattle</i>
	no.	%	no.	%
1-29	3 982	14.1	4 106	14.4
30-49	3 142	11.1	3 180	11.2
50-69	3 068	10.8	2 890	10.1
70-99	3 349	11.8	3 430	12.0
100-149	3 830	13.5	3 778	13.3
150-199	2 522	8.9	2 513	8.8
200-299	3 115	11.0	3 146	11.0
300-399	1 740	6.1	1 742	6.1
400-499	1 021	3.6	1 069	3.8
500-699	1 101	3.9	1 104	3.9
700-999	728	2.6	753	2.6
1,000-1,499	410	1.4	469	1.6
1,500-1,999	150	0.5	136	0.5
2,000-4,999	137	0.5	146	0.5
5,000-9,999	18	0.1	21	0.1
10,000 and over	10	—	9	—
Total	28 323	100.0	28 492	100.0

Herd size	1996		1997	
	<i>Number of meat cattle</i>	<i>Percentage of total meat cattle</i>	<i>Number of meat cattle</i>	<i>Percentage of total meat cattle</i>
	'000	%	'000	%
1-29	61.0	1.0	61.6	1.0
30-49	122.6	2.0	123.7	2.0
50-69	180.2	3.0	169.6	2.8
70-99	278.5	4.6	284.9	4.7
100-149	467.1	7.8	459.4	7.5
150-199	434.5	7.2	431.6	7.1
200-299	756.3	12.6	764.1	12.5
300-399	597.4	9.9	597.9	9.8
400-499	453.2	7.5	474.3	7.8
500-699	645.1	10.7	647.1	10.6
700-999	601.5	10.0	615.9	10.1
1,000-1,499	488.4	8.1	559.2	9.1
1,500-1,999	257.4	4.3	232.6	3.8
2,000-4,999	379.5	6.3	401.5	6.6
5,000-9,999	131.9	2.2	144.1	2.4
10,000 and over	164.6	2.7	150.7	2.5
Total	6 019.1	100.0	6 118.1	100.0

32

MILK CATTLE NUMBERS, At 31 March 1997

<i>Statistical division</i>	<i>Cows in milk and dry</i> '000	<i>Other milk cattle</i> '000	<i>Total milk cattle(a)</i> '000	<i>Percentage of total milk cattle herd</i> %
Sydney	12.3	6.8	19.1	4.9
Hunter	43.4	25.0	68.4	17.4
Illawarra	28.6	19.4	48.0	12.2
Richmond-Tweed	27.8	14.2	41.9	10.7
Mid-North Coast	45.4	24.0	69.4	17.7
Northern	5.7	4.4	10.2	2.6
North Western	3.2	2.6	5.7	1.5
Central West	6.0	6.6	12.6	3.2
South Eastern	31.4	18.2	49.6	12.6
Murrumbidgee	4.4	3.8	8.1	2.1
Murray	36.0	23.5	59.4	15.1
Far West	—	—	—	—
New South Wales				
1997	244.0	148.6	392.5	100.0
1996	235.3	135.9	371.2	100.0
1995	230.5	139.1	369.6	100.0

(a) Excludes house cows.

33

ESTABLISHMENTS WITH MILK CATTLE, At 31 March 1997(a)

<i>Statistical division</i>	<i>Cows in milk and dry</i> no.	<i>Other milk cattle</i> no.	<i>Total establishments with milk cattle</i> no.	<i>Percentage of establishments with milk cattle</i> %
Sydney	69	68	77	3.3
Hunter	414	420	454	19.6
Illawarra	222	228	240	10.4
Richmond-Tweed	256	242	274	11.8
Mid-North Coast	487	475	510	22.0
Northern	92	78	116	5.0
North Western	28	31	42	1.8
Central West	48	51	65	2.8
South Eastern	199	191	225	9.7
Murrumbidgee	48	41	58	2.5
Murray	209	229	252	10.9
Far West	—	—	—	—
New South Wales				
1997	2 072	2 054	2 313	100.0
1996	2 212	2 084	2 510	100.0
1995	2 169	2 165	2 462	100.0

(a) Excludes establishments with house cows only.

Herd size	1996.....		1997.....	
	<i>Establishments</i>	<i>Percentage of establishments with milk cattle</i>	<i>Establishments</i>	<i>Percentage of establishments with milk cattle</i>
	no.	%	no.	%
1-49	645	25.7	452	19.5
50-99	407	16.2	352	15.2
100-149	470	18.7	442	19.1
150-199	340	13.5	342	14.8
200-249	223	8.9	245	10.6
250-299	140	5.6	148	6.4
300-349	99	3.9	113	4.9
350-399	70	2.8	68	2.9
400-499	56	2.2	77	3.3
500 and over	60	2.4	74	3.2
Total	2 510	100.0	2 313	100.0

Herd size	1996.....		1997.....	
	<i>Number of milk cattle</i>	<i>Percentage of total milk cattle</i>	<i>Number of milk cattle</i>	<i>Percentage of total milk cattle</i>
	'000	%	'000	%
1-49	9.9	2.7	7.5	1.9
50-99	30.5	8.2	26.4	6.7
100-149	57.6	15.5	54.1	13.8
150-199	57.9	15.6	58.5	14.9
200-249	48.8	13.1	53.8	13.7
250-299	37.8	10.2	39.8	10.1
300-349	31.6	8.5	35.9	9.1
350-399	25.6	6.9	25.1	6.4
400-499	24.6	6.6	33.7	8.6
500 and over	46.8	12.6	57.7	14.7
Total	371.2	100.0	392.5	100.0

(a) Excludes establishments with house cows only.

35

NUMBER OF SHEEP AND LAMBS, At 31 March 1997

Statistical division	Breeding ewes (1 year and over)	Lambs and hoggets (under 1 year)	All other sheep	Total sheep and lambs	Percentage of total sheep flock
	'000	'000	'000	'000	%
Sydney	10.0	4.5	6.4	21.0	—
Hunter	195.7	105.3	187.7	488.6	1.2
Illawarra	5.6	2.7	3.6	11.9	—
Richmond-Tweed	0.8	0.3	3.7	4.8	—
Mid-North Coast	2.8	1.2	2.8	6.8	—
Northern	2 964.6	1 746.7	2 246.5	6 957.8	16.4
North Western	4 140.5	2 259.0	1 667.3	8 066.8	19.0
Central West	3 553.6	1 922.8	1 811.2	7 287.6	17.2
South Eastern	2 861.9	1 597.3	2 463.0	6 922.2	16.3
Murrumbidgee	3 128.4	1 662.8	1 233.8	6 025.1	14.2
Murray	2 526.5	1 320.4	749.7	4 596.6	10.8
Far West	1 150.9	569.8	278.4	1 999.0	4.7
New South Wales					
1997	20 541.2	11 192.8	10 654.3	42 388.3	100.0
1996	20 194.5	10 133.7	10 761.9	41 090.2	100.0
1995	n.c.	9 135.4	n.c.	40 514.2	100.0

36

ESTABLISHMENTS WITH SHEEP AND LAMBS, At 31 March 1997

Statistical division	Breeding ewes (1 year and over)	Lambs and hoggets (under 1 year)	All other sheep	Total establishments with sheep and lambs	Percentage of establishments with sheep and lambs
	no.	no.	no.	no.	%
Sydney	40	31	38	47	0.2
Hunter	310	263	326	352	1.8
Illawarra	36	35	36	46	0.2
Richmond-Tweed	18	11	23	25	0.1
Mid-North Coast	26	21	25	30	0.2
Northern	2 851	2 651	2 988	3 204	16.4
North Western	2 905	2 681	2 903	3 126	16.0
Central West	3 741	3 459	3 825	4 164	21.3
South Eastern	2 808	2 630	2 993	3 124	15.9
Murrumbidgee	2 664	2 444	2 680	2 963	15.1
Murray	2 019	1 841	2 012	2 242	11.4
Far West	262	242	258	269	1.4
New South Wales					
1997	17 680	16 309	18 107	19 592	100.0
1996	17 886	15 972	18 539	19 937	100.0
1995	n.c.	15 460	n.c.	19 447	100.0

Flock size	1996		1997	
	Establishments	Percentage of establishments with sheep and lambs	Establishments	Percentage of establishments with sheep and lambs
	no.	%	no.	%
1-499	4 642	23.3	4 156	21.2
500-999	3 667	18.4	3 597	18.4
1,000-1,499	2 859	14.3	2 832	14.5
1,500-1,999	2 145	10.8	2 142	10.9
2,000-2,499	1 514	7.6	1 555	7.9
2,500-2,999	1 085	5.4	1 128	5.8
3,000-3,999	1 418	7.1	1 473	7.5
4,000-4,999	866	4.3	856	4.4
5,000-5,999	504	2.5	549	2.8
6,000-6,999	335	1.7	373	1.9
7,000-7,999	254	1.3	235	1.2
8,000-8,999	135	0.7	182	0.9
9,000-9,999	118	0.6	105	0.5
10,000 and over	395	2.0	409	2.1
Total	19 937	100.0	19 592	100.0

Flock size	1996.....		1997	
	Number of sheep and lambs	Percentage of total sheep and lambs	Number of sheep and lambs	Percentage of total sheep and lambs
	'000	%	'000	%
1-499	1 101.3	2.7	993.8	2.3
500-999	2 701.5	6.6	2 630.7	6.2
1,000-1,499	3 511.7	8.5	3 484.0	8.2
1,500-1,999	3 696.4	9.0	3 692.5	8.7
2,000-2,499	3 353.0	8.2	3 449.9	8.1
2,500-2,999	2 962.0	7.2	3 080.9	7.3
3,000-3,999	4 867.4	11.8	5 065.0	11.9
4,000-4,999	3 835.0	9.3	3 793.9	9.0
5,000-5,999	2 737.4	6.7	2 983.0	7.0
6,000-6,999	2 150.8	5.2	2 387.3	5.6
7,000-7,999	1 887.6	4.6	1 745.4	4.1
8,000-8,999	1 137.3	2.8	1 537.5	3.6
9,000-9,999	1 112.8	2.7	985.8	2.3
10,000 and over	6 035.9	14.7	6 558.6	15.5
Total	41 090.2	100.0	42 388.3	100.0

38

LAMBING, Year ended 31 March 1997

EWES TO BE MATED YEAR ENDED 31 MARCH 1998(c)

Statistical division	Ewes mated(a)	Lambs marked	Lamb marking ratio(b)	Joined to merino rams	Joined to short wool rams	Joined to other rams	Total
	'000	'000	%	'000	'000	'000	'000
Sydney	5.3	3.4	64.2	2.7	0.9	0.6	4.2
Hunter	158.2	132.7	83.9	119.1	34.4	16.3	169.8
Illawarra	5.4	4.2	77.8	2.1	2.4	0.9	5.4
Richmond-Tweed	0.5	0.4	80.0	0.1	0.3	0.2	0.6
Mid-North Coast	1.4	1.1	78.6	0.9	1.1	0.2	2.2
Northern	2 468.1	2 034.4	82.4	1 767.9	580.1	319.3	2 667.3
North Western	3 604.3	2 908.9	80.7	2 809.2	585.3	493.3	3 887.8
Central West	3 204.2	2 706.9	84.5	1 863.0	1 026.4	476.9	3 366.3
South Eastern	2 502.9	2 005.8	80.1	1 897.5	493.9	268.8	2 660.2
Murrumbidgee	2 883.6	2 435.0	84.4	1 525.2	864.0	550.3	2 939.6
Murray	2 406.1	1 958.7	81.4	1 631.1	485.2	322.1	2 438.4
Far West	998.0	637.2	63.8	1 040.6	6.5	14.7	1 061.8
New South Wales							
1997	18 237.9	14 828.6	81.3	12 659.4	4 080.4	2 463.7	19 203.6
1996	17 547.4	13 596.2	77.5	12 740.6	n.c.	n.c.	18 600.3
1995	18 617.1	13 233.2	71.1	12 624.6	n.c.	n.c.	17 865.3

(a) Ewes mated to produce lambs marked in the season shown.

(b) Lambs marked as a proportion of ewes mated to produce lambs.

(c) Forecast made at the end of the 1996-97 season.

39

PIG NUMBERS(a) AND NUMBER OF ESTABLISHMENTS, At 31 March 1997

Statistical division	Total establishments	Percentage of total establishments with pigs	Total pigs	Percentage of total pigs
	no.	%	'000	%
Sydney	29	2.8	44.7	6.1
Hunter	29	2.8	17.6	2.4
Illawarra	8	0.8	8.1	1.1
Richmond-Tweed	115	11.1	71.5	9.8
Mid-North Coast	38	3.7	10.1	1.4
Northern	134	13.0	71.1	9.7
North Western	107	10.4	33.4	4.6
Central West	300	29.1	77.6	10.6
South Eastern	52	5.0	45.0	6.2
Murrumbidgee	144	14.0	68.5	9.4
Murray	76	7.4	281.8	38.6
Far West	—	—	—	—
New South Wales				
1997	1 032	100.0	729.4	100.0
1996	1 139	100.0	710.3	100.0
1995	1 322	100.0	790.5	100.0

(a) Includes suckers, weaners, growers etc.

Herd size	1996		1997	
	<i>Establishments</i> no.	<i>Percentage of pig establishments</i> %	<i>Establishments</i> no.	<i>Percentage of pig establishments</i> %
1-9	181	15.9	115	11.1
10-19	102	9.0	96	9.3
20-29	89	7.8	72	7.0
30-39	61	5.4	44	4.3
40-49	43	3.8	45	4.4
50-69	74	6.5	72	7.0
70-99	64	5.6	70	6.8
100-149	82	7.2	76	7.4
150-199	57	5.0	56	5.4
200-299	84	7.4	91	8.8
300-499	96	8.4	90	8.7
500-699	51	4.5	51	4.9
700-999	47	4.1	41	4.0
1,000 and over	108	9.5	113	10.9
Total	1 139	100.0	1 032	100.0

Herd size	1996		1997	
	<i>Number of pigs</i> '000	<i>Percentage of total pigs</i> %	<i>Number of pigs</i> '000	<i>Percentage of total pigs</i> %
1-9	0.8	0.1	0.5	0.1
10-19	1.3	0.2	1.4	0.2
20-29	2.1	0.3	1.8	0.2
30-39	2.0	0.3	1.5	0.2
40-49	1.9	0.3	2.0	0.3
50-69	4.2	0.6	4.3	0.6
70-99	5.3	0.7	5.7	0.8
100-149	9.8	1.4	9.2	1.3
150-199	9.4	1.3	9.7	1.3
200-299	19.7	2.8	22.1	3.0
300-499	35.5	5.0	33.9	4.6
500-699	29.1	4.1	29.4	4.0
700-999	39.1	5.5	34.3	4.7
1,000 and over	550.3	77.5	573.7	78.7
Total	710.3	100.0	729.4	100.0

(a) Includes suckers, weaners, growers etc.

41

POULTRY, NUMBER ON HOLDING, At 31 March 1997

Statistical division	Chickens for eggs	Chickens for meat	Ducks	Turkeys
	'000	'000	'000	'000
Sydney	2 307.1	14 575.9	129.7	392.5
Hunter	461.5	11 723.3	1.2	552.5
Illawarra	43.3	69.9	—	—
Richmond-Tweed	1.7	1 522.2	—	—
Mid-North Coast	129.5	80.0	0.5	—
Northern	1 289.6	2 571.6	8.3	99.3
North Western	18.4	19.0	—	—
Central West	177.0	9.3	—	0.1
South Eastern	214.6	0.3	—	—
Murrumbidgee	462.1	3 401.5	—	0.7
Murray	139.4	—	—	—
Far West	—	—	—	—
New South Wales				
1997	5 244.1	33 972.9	139.7	1 045.0
1996	5 148.4	31 235.8	170.6	1 058.7

42

POULTRY SOLD, Year ended 31 March 1997

Statistical division	Chickens for eggs	Chickens for meat	Ducks	Turkeys
	'000	'000	'000	'000
Sydney	2 516.4	105 673.7	2 553.1	2 632.9
Hunter	225.0	63 545.4	0.1	1 401.3
Illawarra	14.5	342.3	—	—
Richmond-Tweed	2.1	10 107.0	—	—
Mid-North Coast	62.5	400.0	0.8	—
Northern	2 274.5	24 589.5	—	198.3
North Western	7.8	94.0	—	0.1
Central West	79.8	8.6	—	0.3
South Eastern	184.3	0.9	—	—
Murrumbidgee	541.9	151.5	—	3.1
Murray	0.7	0.8	—	—
Far West	—	—	—	—
New South Wales				
1997	5 909.6	204 913.6	2 554.0	4 236.1
1996	3 671.2	149 186.6	2 534.7	4 438.6

<i>Statistical division</i>	ESTABLISHMENTS		LIVESTOCK	
	<i>Deer</i> no.	<i>Horses for breeding(a)</i> no.	<i>Deer</i> '000	<i>Horses for breeding(a)</i> '000
Sydney	14	129	2.2	2.4
Hunter	12	231	3.7	6.0
Illawarra	12	65	1.6	1.0
Richmond-Tweed	—	91	—	0.6
Mid-North Coast	23	143	3.6	1.0
Northern	16	313	2.6	3.1
North Western	10	140	2.6	1.7
Central West	22	225	11.8	2.8
South Eastern	30	199	5.4	3.1
Murrumbidgee	16	130	4.5	1.8
Murray	16	103	5.7	0.9
Far West	—	6	—	0.1
New South Wales				
1997	171	1 775	43.7	24.5
1996	204	2 562	38.0	27.0
1995	235	2 446	39.6	25.0

(a) Comprises horses on establishments with agricultural activity.

Statistical division	Dairy bulls	Beef bulls	Other cattle	Lams and hoggets
	'000	'000	'000	'000
Sydney	—	0.3	22.3	1.4
Hunter	0.2	1.6	211.3	37.8
Illawarra	0.2	0.5	42.6	4.1
Richmond-Tweed	0.1	1.0	126.4	1.6
Mid-North Coast	0.2	1.0	132.9	0.2
Northern	0.2	5.8	648.8	821.3
North Western	0.1	2.6	301.0	1 190.2
Central West	0.1	2.1	238.8	1 455.9
South Eastern	0.2	2.2	194.6	611.0
Murrumbidgee	0.1	2.0	234.9	1 295.0
Murray	0.3	2.1	204.9	883.8
Far West	—	0.1	23.1	157.8
New South Wales				
1997	1.6	21.2	2 381.6	6 460.3
1996	1.4	24.9	2 533.7	6 231.6

Statistical division	All other sheep	Pigs	Horses	Deer
	'000	'000	'000	'000
Sydney	2.7	72.1	0.7	0.2
Hunter	87.7	68.6	2.7	1.8
Illawarra	2.7	14.2	0.7	0.3
Richmond-Tweed	0.6	131.6	0.2	—
Mid-North Coast	0.5	17.6	0.4	0.7
Northern	1 077.7	124.5	1.2	0.3
North Western	1 330.7	57.2	0.5	0.2
Central West	1 210.6	142.3	0.8	1.4
South Eastern	1 102.9	69.1	0.6	1.9
Murrumbidgee	1 004.0	108.5	0.3	0.3
Murray	855.1	555.5	0.3	1.2
Far West	278.0	—	0.1	—
	—	—	—	—
New South Wales				
1997	6 953.1	1 361.2	8.6	8.2
1996	7 474.5	1 494.9	4.5	14.9

	Units	1995	1996	1997
Number of livestock slaughtered(a)(b)				
Cattle	'000	2 049.0	1 964.0	2 049.0
Calves	'000	248.3	244.6	257.4
Sheep	'000	6 577.8	5 657.9	5 241.3
Lambs	'000	4 133.7	3 482.4	3 621.4
Pigs	'000	1 505.4	1 414.8	1 338.4
Chickens	'000	133 927.4	133 756.6	133 363.7
Meat produced(a)(c)				
Beef	tonnes	471 183	458 701	471 231
Veal	tonnes	16 677	16 292	16 444
Mutton	tonnes	131 052	120 880	109 198
Lamb	tonnes	71 738	63 656	67 174
Pig	tonnes	102 175	96 240	88 753
Chicken	tonnes	199 589	199 152	200 277
Whole milk intake by factories(d)				
	million litres	1 087	1 114	1 192
Wool(e)				
Brokers and dealers receivals of taxable wool	tonnes	177 649	165 550	195 330
Eggs produced				
	'000 dozen	64 032	64 965	74 870

(a) Source: ABS "Monthly Livestock Products" publication, Catalogue No. 7215.0.

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

(c) Dressed carcass weight, excluding offal.

(d) Source: Australian Dairy Corporation.

(e) Sources: National Council of Wool Selling Brokers of Australia and ABS Wool Brokers and Dealers Collection.

46

GROSS VALUE OF LIVESTOCK PRODUCTS & OTHER DISPOSALS, Years ended 30 June

	1994-95	1995-96 ^r	1996-97
	\$m	\$m	\$m
Livestock slaughtering(a)			
Cattle and calves	1 066.4	860.9	772.6
Pigs	195.9	187.6	214.3
Poultry	419.3	436.7	467.5
Sheep and lambs(b)	227.7	261.6	247.5
Other	9.4	9.4	7.9
Total	1 918.3	1 756.2	1 709.8
Wool			
Shorn and crutched	1 143.8	845.3	962.0
Other(c)	42.4	27.5	27.4
Total	1 186.2	872.8	989.4
Production of milk			
Human consumption	309.5	324.6	333.6
Manufacturing	126.4	137.3	160.4
Total	435.9	461.8	494.0
Eggs	72.5	88.6	123.1
Honey and beeswax	10.4	19.8	22.8

(a) Includes net exports of livestock.

(b) Excludes value of wool on skins.

(c) Includes dead and fellmongered wool and wool on skins.

47

BEEKEEPING, SUMMARY STATISTICS, Years ended 30 June

	Units	1995	1996	1997
Number of apiarists		485	596	527
Number of beehives				
Productive(a)		125 305	157 061	177 839
Unproductive		77 759	47 272	13 904
Total		203 064	204 333	191 743
Honey produced				
Quantity	kg	7 753 661	11 883 601	12 619 504
Average production(b)	kg/hive	62	76	71
Beeswax produced	kg	137 574	296 866	234 488

(a) Beehives from which honey was taken.

(b) Average production per productive beehive.

Items	FRUIT 0114-0119				VEGETABLES 0113			
	1994-95		1995-96		1994-95		1995-96	
	\$m	SE %	\$m	SE %	\$m	SE %	\$m	SE %
Sales from crops	319.7	14	330.7	15	127.2	41	172.4	9
Sales from livestock	27.2	73	14.5	96	5.4	76	10.5	35
Sales from livestock products	2.9	73	2.9	74	4.0	74	1.8	63
Turnover	365.3	11	387.9	16	145.5	41	212.1	8
Purchases and selected expenses	184.9	12	181.7	17	71.6	42	102.7	10
Value added(a)	171.3	16	204.2	21	72.4	41	108.5	9
Adjusted value added(a)	147.8	17	181.4	23	66.0	41	95.5	9
Gross operating surplus(a)	69.5	24	105.6	26	34.7	40	67.9	11
Interest paid	20.5	25	16.3	20	6.4	67	9.4	19
Cash operating surplus(b)	62.0	22	94.4	28	28.4	35	61.0	12
Gross indebtedness	268.1	24	179.8	21	68.1	52	94.6	18
Total net capital expenditure	14.5	29	25.9	38	16.5	48	27.3	22

Items	GRAIN 0121				GRAIN-SHEEP/BEEF CATTLE 0122			
	1994-95		1995-96		1994-95		1995-96	
	\$m	SE %	\$m	SE %	\$m	SE %	\$m	SE %
Sales from crops	436.7	21	1 150.9	18	326.3	15	830.5	16
Sales from livestock	59.8	20	173.8	22	335.4	21	412.1	15
Sales from livestock products	32.7	49	52.3	19	244.3	11	167.6	16
Turnover	558.7	19	1 460.6	16	984.2	11	1 521.0	13
Purchases and selected expenses	298.1	21	766.3	16	651.8	13	831.0	14
Value added(a)	264.6	19	681.3	18	256.8	19	634.6	14
Adjusted value added(a)	234.4	19	600.7	18	171.7	27	533.8	15
Gross operating surplus(a)	190.4	21	515.4	16	88.1	53	421.6	18
Interest paid	28.9	22	81.9	19	103.8	16	139.2	20
Cash operating surplus(b)	161.7	25	456.4	15	64.3	76	350.9	19
Gross indebtedness	380.1	26	815.6	17	1 126.9	15	1 409.9	19
Total net capital expenditure	100.0	23	136.1	29	89.9	23	148.6	20

(a) Includes an estimate for the value of the increase in livestock.

(b) Excludes an estimate for the value of the increase in livestock.

NOTE: Standard error of change between two successive years is 1.3 times the standard error of the estimate (except for the all industries estimate where it is equal to the standard error of the estimate). Standard error of change between estimates two years apart could be as high as 1.8 times the standard error of the estimate (except for the all industries estimate where it could be 1.5 times the standard error of the estimate).

Items	SHEEP-BEEF CATTLE 0123				SHEEP 0124			
	1994-95	SE	1995-96	SE	1994-95	SE	1995-96	SE
	\$m	%	\$m	%	\$m	%	\$m	%
Sales from crops	88.7	47	65.4	43	30.6	42	17.3	49
Sales from livestock	452.2	11	338.0	14	185.1	14	148.7	13
Sales from livestock products	368.0	13	225.8	14	485.6	12	295.4	13
Turnover	1 000.9	12	687.8	13	746.0	11	506.8	11
Purchases and selected expenses	576.5	12	424.3	13	406.2	12	328.8	12
Value added(a)	296.4	16	252.9	13	237.7	17	314.9	13
Adjusted value added(a)	212.5	21	179.1	16	160.1	22	259.9	14
Gross operating surplus(a)	131.2	32	107.8	27	80.9	39	205.6	16
Interest paid	73.5	15	61.0	18	62.9	20	48.0	20
Cash operating surplus(b)	200.4	21	62.6	55	119.2	23	37.8	67
Gross indebtedness	850.1	16	617.1	17	685.7	21	563.5	21
Total net capital expenditure	52.0	22	39.9	23	73.8	26	39.5	27

Items	BEEF CATTLE 0125				DAIRY CATTLE 0130			
	1994-95	SE	1995-96	SE	1994-95	SE	1995-96	SE
	\$m	%	\$m	%	\$m	%	\$m	%
Sales from crops	16.2	25	66.8	43	3.5	66	0.9	—
Sales from livestock	642.5	15	456.6	12	34.1	15	27.9	19
Sales from livestock products	29.3	34	5.2	57	360.9	8	360.2	11
Turnover	776.6	14	595.5	14	411.5	8	401.7	11
Purchases and selected expenses	549.4	16	402.6	14	258.3	9	245.4	13
Value added(a)	54.8	91	101.0	28	261.6	7	71.8	34
Adjusted value added(a)	-3.4	**	52.8	50	240.5	9	53.3	45
Gross operating surplus(a)	-56.7	88	16.6	*	208.0	12	30.7	82
Interest paid	38.2	23	51.0	33	20.8	19	24.4	27
Cash operating surplus(b)	99.7	45	67.7	47	75.1	24	96.4	20
Gross indebtedness	459.0	22	606.9	29	222.7	18	229.0	33
Total net capital expenditure	59.5	17	22.6	35	17.3	32	11.6	26

(a) Includes an estimate for the value of the increase in livestock.

(b) Excludes an estimate for the value of the increase in livestock.

NOTE: Standard error of change between two successive years is 1.3 times the standard error of the estimate (except for the all industries estimate where it is equal to the standard error of the estimate). Standard error of change between estimates two years apart could be as high as 1.8 times the standard error of the estimate (except for the all industries estimate where it could be 1.5 times the standard error of the estimate).

Items	PIGS 0151				SUGAR 0161			
	1994-95		1995-96		1994-95		1995-96	
	\$m	SE %	\$m	SE %	\$m	SE %	\$m	SE %
Sales from crops	7.7	*	16.1	88	62.0	18	45.9	16
Sales from livestock	177.3	6	166.6	15	1.8	36	3.3	50
Sales from livestock products	3.9	84	1.0	*	—	—	—	—
Turnover	203.5	9	194.7	16	65.3	18	63.3	26
Purchases and selected expenses	137.5	7	141.7	13	40.2	22	37.0	27
Value added(a)	63.3	18	40.2	34	25.3	36	26.0	29
Adjusted value added(a)	55.1	20	30.6	40	22.2	39	22.5	30
Gross operating surplus(a)	32.9	26	8.0	*	18.3	46	21.7	29
Interest paid	7.6	41	5.0	51	5.5	45	4.5	39
Cash operating surplus(b)	28.4	51	16.9	47	13.2	77	18.2	23
Gross indebtedness	76.7	33	107.9	50	60.3	55	42.0	37
Total net capital expenditure	10.6	45	4.0	86	8.9	41	5.7	49

Items	COTTON 0162				OTHER AGRICULTURE 0111-0112, 0141-0142, 0152-0159, 0169.....			
	1994-95		1995-96		1994-95		1995-96	
	\$m	SE %	\$m	SE %	\$m	SE %	\$m	SE %
Sales from crops	407.3	13	545.7	11	276.5	27	229.2	18
Sales from livestock	14.1	13	37.5	39	94.1	44	176.0	39
Sales from livestock products	6.9	12	4.7	—	149.2	24	232.8	36
Turnover	485.8	11	701.2	10	578.1	16	731.4	15
Purchases and selected expenses	307.3	11	495.2	10	352.9	15	408.7	19
Value added(a)	178.9	13	210.6	14	183.3	31	328.7	17
Adjusted value added(a)	145.7	16	170.7	17	129.2	41	260.7	17
Gross operating surplus(a)	92.2	24	103.0	24	7.2	*	107.3	35
Interest paid	46.7	14	36.2	24	32.5	21	26.6	21
Cash operating surplus(b)	45.8	51	65.6	42	13.8	*	85.6	48
Gross indebtedness	621.1	15	590.6	17	324.5	21	325.5	21
Total net capital expenditure	41.5	16	50.5	22	23.2	33	23.8	26

(a) Includes an estimate for the value of the increase in livestock.

(b) Excludes an estimate for the value of the increase in livestock.

NOTE: Standard error of change between two successive years is 1.3 times the standard error of the estimate (except for the all industries estimate where it is equal to the standard error of the estimate). Standard error of change between estimates two years apart could be as high as 1.8 times the standard error of the estimate (except for the all industries estimate where it could be 1.5 times the standard error of the estimate).

AGRICULTURE ALL INDUSTRIES

Items	1994-95		1995-96 ^r	
	\$m	SE %	\$m	SE %
Sales from crops	2 102.6	7	3 471.9	7
Sales from livestock	2 029.0	6	1 965.5	6
Sales from livestock products	1 687.6	5	1 349.8	8
Turnover	6 321.3	4	7 463.9	4
Purchases and selected expenses	3 834.8	4	4 365.4	4
Value added(a)	2 066.4	6	2 974.8	5
Adjusted value added(a)	1 581.9	8	2 441.0	6
Gross operating surplus(a)	896.8	12	1 711.0	7
Interest paid	447.4	6	503.6	7
Cash operating surplus(b)	912.0	11	1 413.5	8
Gross indebtedness	5 143.2	6	5 582.4	7
Total net capital expenditure	507.6	8	535.4	9

(a) Includes an estimate for the value of the increase in livestock.

(b) Excludes an estimate for the value of the increase in livestock.

NOTE: Standard error of change between two successive years is 1.3 times the standard error of the estimate (except for the all industries estimate where it is equal to the standard error of the estimate). Standard error of change between estimates two years apart could be as high as 1.8 times the standard error of the estimate (except for the all industries estimate where it could be 1.5 times the standard error of the estimate).

Items	1991-92	SE	1992-93	SE	1993-94	SE
	\$m	%	\$m	%	\$m	%
Sales from crops	2 123.9	5	2 199.5	4	2 423.4	4
Sales from livestock	1 327.9	5	1 379.4	5	1 888.1	6
Sales from livestock products	1 351.8	4	1 246.7	3	1 311.6	5
Turnover	5 137.7	2	5 156.6	2	6 059.0	3
Purchases and selected expenses	2 943.2	3	3 033.8	3	3 486.6	3
Value added(a)	2 159.1	6	2 248.8	4	3 312.2	4
Adjusted value added(a)	1 766.7	7	1 862.0	5	2 875.1	4
Gross operating surplus(a)	1 194.2	10	1 305.3	7	2 279.2	5
Interest paid	628.1	11	422.8	7	386.8	7
Cash operating surplus(b)	670.2	16	811.3	9	1 170.1	7
Gross indebtedness	4 691.1	8	4 355.1	7	4 407.4	8
Total net capital expenditure	412.2	13	383.8	10	475.0	7

Items	1994-95	SE	1995-96r	SE	1996-97p	SE
	\$m	%	\$m	%	\$m	%
Sales from crops	2 102.6	7	3 471.9	7	3 587.7	5
Sales from livestock	2 029.0	6	1 965.5	6	1 690.5	6
Sales from livestock products	1 687.6	5	1 349.8	8	1 394.3	6
Turnover	6 321.3	4	7 463.9	4	7 229.0	3
Purchases and selected expenses	3 834.8	4	4 365.4	4	4 265.0	3
Value added(a)	2 066.4	6	2 974.8	5	2 996.5	5
Adjusted value added(a)	1 581.9	8	2 441.0	6	2 483.8	5
Gross operating surplus(a)	896.8	12	1 711.0	7	1 832.6	7
Interest paid	447.4	6	503.6	7	462.7	8
Cash operating surplus(b)	912.0	11	1 413.5	8	1 487.7	8
Gross indebtedness	5 143.2	6	5 582.4	7	5 241.6	7
Total net capital expenditure	507.6	8	535.4	9	490.0	10

(a) Includes an estimate for the value of the increase in livestock.

(b) Excludes an estimate for the value of the increase in livestock.

NOTE: Standard error of change between two successive years is 1.3 times the standard error of the estimate (except for the all industries estimate where it is equal to the standard error of the estimate). Standard error of change between estimates two years apart could be as high as 1.8 times the standard error of the estimate (except for the all industries estimate where it could be 1.5 times the standard error of the estimate).

	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97p
Items	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Sales from crops	68.8	76.4	80.6	68.6	109.9	118.0
Sales from livestock	43.0	47.9	62.8	66.2	62.2	55.6
Sales from livestock products	43.8	43.3	43.6	55.1	42.7	45.9
Turnover	166.3	179.1	201.4	206.4	236.2	237.7
Purchases and selected expenses	95.3	105.4	115.9	125.2	138.1	140.3
Value added(a)	69.9	78.1	110.1	67.5	94.1	98.5
Adjusted value added(a)	57.2	64.7	95.6	51.6	77.2	81.7
Gross operating surplus(a)	38.7	45.3	75.1	29.3	54.1	60.3
Interest paid	20.3	14.7	12.9	14.6	15.9	15.2
Cash operating surplus(b)	21.7	28.2	37.8	29.8	44.7	48.9
Gross indebtedness	151.9	151.3	146.5	167.9	176.6	172.4
Total net capital expenditure	13.3	13.3	15.8	16.6	16.9	16.1

(a) Includes an estimate for the value of the increase in livestock.

(b) Excludes an estimate for the value of the increase in livestock.

NOTE: Standard error of change between two successive years is 1.3 times the standard error of the estimate (except for the all industries estimate where it is equal to the standard error of the estimate). Standard error of change between estimates two years apart could be as high as 1.8 times the standard error of the estimate (except for the all industries estimate where it could be 1.5 times the standard error of the estimate).

EXPLANATORY NOTES

INTRODUCTION

1 This publication contains statistics on crops, livestock and livestock products and characteristics of farms; it includes some summary information on the financial performance of agricultural industries and the value of agricultural commodities produced.

SCOPE AND COVERAGE

2 The statistics on crops (including horticulture), livestock numbers, structure of agricultural industries, land management and farm inputs are derived from the annual agricultural census conducted throughout Australia at 31 March, which collects data from establishments with agricultural activity.

3 Establishments which make only a small contribution to overall agricultural production are excluded from the scope of the census. Information is collected from establishments when their estimated value of agricultural operations (EVAO) is above a certain level. These levels have varied in past agricultural censuses, as follows (see note 23 for AFS scope):

- | | |
|----------------------|-----------------------------|
| ■ 1993–94 to present | EVAO \$5,000 and over; |
| ■ 1991–92 to 1992–93 | EVAO \$22,500 and over; |
| ■ 1986–87 to 1990–91 | EVAO \$20,000 and over; and |
| ■ 1982–83 to 1985–86 | EVAO \$2,500 and over. |

4 Table 1 shows the number of agricultural establishments having an EVAO of \$5,000 and over according to the population frame selected for the agricultural census. Once data on these units are collected and processed a small number of them are found to have an EVAO of less than \$5,000. These are shown in the first column in table 5. Some units are found to have an EVAO of zero; these are shown as 'unclassified' in tables 1, 5 and 6.

5 The effect of the lower EVAO cut-off of \$5,000 and over, from 1993–94 onwards, is to include smaller agricultural establishments that have been excluded in previous years. However, because of their small size, they are not expected to change greatly the overall commodity totals. Nevertheless, the changes in scope between years mean that care must be taken in comparing census results over time.

6 Information covering commodities such as livestock slaughtering, dairy produce and beekeeping is obtained from separate ABS collections and from organisations such as the Australian Dairy Corporation.

REFERENCE PERIOD

7 Statistics about crops, pastures, vegetables and fruit relate, in general, to the season ended 31 March. Where harvesting was not completed by 31 March in the reference year (for example, maize, rice, apples, grapes and late planted potatoes), the production statistics relate to the completed harvest.

EXPLANATORY NOTES *continued*

ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY

8 An establishment with agricultural activity is a single physical location which is used for the production of crops (including fruit and vegetables) and/or for the raising of livestock and the production of livestock products.

INDUSTRY AND SIZE CLASSIFICATION

9 Establishments in the agricultural sector were classified in accordance with the methodology described in the 1993 *Australian and New Zealand Standard Industrial Classification (ANZSIC)* (1292.0).

10 The process of determining the industry class for ANZSIC is the 'step by step' method of classification described in Chapter 4 of the *Australian Standard Industrial Classification* (1201.0). This method requires that the Division code of the unit be determined first. The Subdivision code within the major Division of the unit is then determined, followed by the Group code and finally the Class code of the unit.

11 The Group and Class codes of agricultural units are determined annually by valuing physical crop and livestock information collected in the agricultural census. The valuation procedure allows for the industry classification of individual units to be changed to reflect significant or long-term changes in their activities.

12 However, the procedure provides for a dampening or resistance effect to offset instability in allocation to particular classes of the classification, which would arise from short-term factors such as floods and drought. To obviate such effects, the valuation procedure takes into account (without double counting) the area of crops sown and numbers of livestock on holdings at a point in time as well as the crops produced and livestock turn-off during the year. The resultant aggregation of these commodity values is termed the Estimated Value of Agricultural Operations (EVAO). It should be noted that EVAO is applicable *only for industry coding and size valuation purposes*. It is not an indicator of receipts obtained by units or of the value of agricultural commodities produced by these units.

DEFINITIONS OF TERMS USED

13 The following are definitions of terms used in the tables of this publication:

- *agricultural establishment* is an establishment which is engaged *mainly* in agricultural activities; and
- *establishment with agricultural activity* is a land-based establishment which is engaged in agricultural activity, regardless of the unit's predominant activity.

CROPS, PASTURES AND HORTICULTURE

14 Statistics of areas 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 1996–97 season relates to the harvesting period October 1996 to February 1997. Statistics of other crops which in some States are harvested after 31 March (e.g. maize, potatoes, apples and pears) are collected by supplementary census returns and are included in this publication.

LIVESTOCK SLAUGHTERING AND LIVESTOCK PRODUCTS

15 The statistics on slaughtering and meat production are based on a monthly collection 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. Also, definitions of livestock categories may differ between States and within States, particularly with regard to calves.

WOOL

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. The information shown is on the basis of the State in which the wool has actually been received and does not necessarily reflect the production of wool in that State.

17 The wool estimates contained in table 45 are obtained from these major sources:

- (i) A monthly collection of National Council of Wool Selling Brokers of Australia in each State and incorporated in this publication with reference to the twelve months to 30 June. The data are compiled in terms of bales received into stores and converted to wool receivals in tonnes.
- (ii) A monthly ABS collection of other wool brokers and dealers in each State, also incorporated with reference to the twelve months to 30 June. Data are reported in tonnes, or converted to tonnes as required.

MILK

18 These statistics have been collected by the Australian Dairy Corporation (ADC).

POULTRY

19 Poultry slaughtering statistics have been compiled from returns supplied by commercial poultry slaughtering establishments.

BEEKEEPING

20 Beekeepers are included in this collection if they have a minimum EVAO of \$5,000, whether for beekeeping alone or in conjunction with other agricultural activities.

AGRICULTURAL FINANCE SURVEY

21 The financial estimates in this publication have been derived from estimates from the Agricultural Finance Survey (AFS). The survey aims to meet demands of users who require annual financial statistics on a consistent basis across all agricultural industries in each State and Australia.

22 More detailed information including an outline of the reliability of the estimates and their standard errors is published in *Agricultural Industries Financial Statistics, Australia (7507.0)*.

EXPLANATORY NOTES *continued*

SCOPE AND COVERAGE OF THE AFS

23 The population of the AFS consisted of all economic units (management units) the principal activity of which resulted in them being classified within Sub-division 01 'Agriculture' of the ANZSIC and which had an EVAO of \$22,500 or more.

VALUE OF AGRICULTURAL COMMODITIES PRODUCED

24 This publication contains summary information on the value of agricultural commodities produced (VACP) compiled annually for all States and Australia. The summary information contains gross values of production for selected agricultural commodities. More detailed information is available in *Value of Agricultural Commodities Produced, Australia* (7503.0).

SCOPE AND COVERAGE OF VACP STATISTICS

25 The statistics are derived by multiplying quantity data by price (or unit value) data. The quantity data are collected in the agricultural censuses and other ABS collections with some information from external sources. All price information is obtained from non-ABS sources.

PRICE AND MARKETING COSTS DATA

26 The method of collection of relevant prices for, and the costs of marketing of agricultural commodities vary considerably between States and between commodities. Where a statutory authority handles marketing of the whole or portion of a product, (e.g. Australian Wheat Board, Australian Barley Board) data are usually obtained from this source. Information is also obtained from marketing reports, wholesalers, brokers and auctioneers. For all commodities, values are in respect of production during the year (or season) irrespective of whether or when payments are made. For that portion of production not marketed (e.g. hay grown on farm for own use, milk used in farm household, etc.) estimates are made from the best available information and, in general, are valued on a local value basis.

DEFINITION OF GROSS VALUE

27 Gross value of commodities produced is the value placed on recorded production at the wholesale prices realised in the market place.

OTHER FORMS OF RELEASE

28 The ABS also has more detailed agricultural statistics on microfiche, floppy disk and CD ROM. AgStats on CD ROM offers a wider range of data aggregated at smaller geographic areas than those generally available in printed publications, together with an easy-to-use interrogation facility.

29 Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

EXPLANATORY NOTES *continued*

UNPUBLISHED STATISTICS

30 As well as the statistics in this and related publications, the ABS may have other unpublished data available. Inquiries should be directed to Helen Gardiner on (02) 9268 4562.

31 The figures shown in this publication have been revised where necessary and as a consequence may not agree with similar data shown in previous publications.

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



SELF-HELP ACCESS TO STATISTICS

PHONE Call 1900 986 400 for the latest statistics on CPI, Labour Force, Earnings, National Accounts, Balance of Payments and other topics. (Call cost is 75c per minute)

INTERNET <http://www.abs.gov.au>

LIBRARY A range of ABS publications is available from public and tertiary libraries Australia wide. Contact your nearest library to determine whether it has the ABS statistics you require.

WHY NOT SUBSCRIBE?

PHONE +61 1300 366 323

FAX +61 3 9615 7848

CONTACTING THE ABS

ABS provides a range of services, including: a telephone inquiry service; information consultancy tailored to your needs; survey, sample and questionnaire design; survey evaluation and methodological reviews; and statistical training.

<i>INQUIRIES</i>	<i>By phone</i>	<i>By fax</i>
Canberra	02 6252 6627	02 6253 1404
Sydney	02 9268 4611	02 9268 4668
Melbourne	03 9615 7755	03 9615 7798
Brisbane	07 3222 6351	07 3222 6283
Perth	08 9360 5140	08 9360 5955
Adelaide	08 8237 7400	08 8237 7566
Hobart	03 6222 5800	03 6222 5995
Darwin	08 8943 2111	08 8981 1218

POST Client Services, ABS, PO Box 10, Belconnen, ACT 2616

EMAIL client.services@abs.gov.au



2711310007969
 ISSN 1320-8675

RRP \$24.00