



**Australian
Bureau of
Statistics**

1995-96

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Agriculture

Tasmania

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NOTES

SYMBOLS AND OTHER USAGES

ha	hectares
kg	kilograms
km	kilometres
n.a.	not available
n.c.	not collected
n.p.	not published
n.y.a.	not yet available
p	preliminary
r	revised
SE%	percentage standard error
t	tonnes
*	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For further information about statistics in this publication and the availability of related unpublished statistics, contact Frank McCallum on Hobart (03) 6222 5939 or any ABS State office.

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

Denis W. Rogers
Regional Director, Tasmania

CONTENTS

	Page
EDITORIAL	
Summary of findings	5
TABLES	
Structure of agricultural industry	
1 Establishments by industry, EVAO \$5,000 and over, at 31 March	15
2 Establishments by industry, EVAO \$22,500 and over, at 31 March	16
3 Establishments with agricultural activity, Statistical Divisions, EVAO \$5,000 & over	17
4 Establishments with agricultural activity, Statistical Divisions, EVAO \$22,500 & over	17
5 Establishments by industry, by EVAO range, at 31 March 1996	18
6 Establishments by industry, by area range, at 31 March 1996	20
Land management	
7 Area and land use of establishments with agricultural activity, at 31 March 1996	22
8 Crop stubble disposal, year ended 31 March 1996	23
9 Cultivation of broadacre crops, year ended 31 March 1996	23
10 Planting of trees, year ended 31 March 1996	24
11 Fencing, year ended 31 March 1996	25
12 Fertiliser usage, year ended 31 March 1996	26
13 Soil conditioners, year ended 31 March 1996	26
14 Maintenance and management of pastures, year ended 31 March 1996	27
15 Irrigation area and scheduling method, year ended 31 March 1996	27
Crops and pastures	
16 Cereals for grain, year ended 31 March 1996	28
17 Legumes for grain, year ended 31 March 1996	29
18 Cereals and pastures for hay, year ended 31 March 1996	30
19 Oilseeds, year ended 31 March 1996	31
20 Other crops, year ended 31 March 1996	31
21 Gross value of principal crops and pastures, years ended 31 March	32
22 Establishments by area of principal grains sown and production	33
23 Establishments growing cereals for grain, year ended 31 March 1996	34
24 Cereal crop forecast for all purposes, year ended 31 March 1997	34
Horticulture	
25 Pome fruit, year ended 31 March 1996	35
26 Stone fruit, year ended 31 March 1996	36
27 Berry fruit, year ended 31 March 1996	37
28 Gross value of pome and other fruit, years ended 31 March	38
29 Grapes, year ended 31 March 1996	38
30 Vegetables for human consumption, years ended 31 March	39
31 Vegetables for human consumption, Statistical Divisions, year ended 31 March 1996	41
32 Gross value of vegetables for human consumption, years ended 31 March ...	43
33 Area of nurseries, cut flowers and cultivated turf, year ended 31 March 1996 ..	44
34 Area of shade and glasshouses, year ended 31 March 1996	44
35 Total purchase and sales value of plants, year ended 31 March 1996	45

CONTENTS *continued*

Page

Livestock and livestock products

36	Meat cattle numbers, at 31 March 1996	46
37	Establishments with meat cattle, at 31 March 1996	46
38	Number of establishments and meat cattle by herd size, at 31 March	47
39	Milk cattle numbers, at 31 March 1996	48
40	Establishments with milk cattle, at 31 March 1996	48
41	Number of establishments and milk cattle by herd size, at 31 March	49
42	Number of sheep and lambs, at 31 March 1996	50
43	Establishments with sheep and lambs, at 31 March 1996	50
44	Number of establishments and sheep and lambs by flock size, at 31 March	51
45	Lambing, year ended 31 March 1996	52
46	Pig numbers and number of establishments, at 31 March 1996	52
47	Number of establishments and pigs by herd size, at 31 March	53
48	Poultry, number on holding, at 31 March 1996	54
49	Poultry, number disposed of, year ended 31 March 1996	54
50	Establishments with and number of deer and horses, at 31 March 1996	55
51	Sales of livestock, year ended 31 March 1996	56
52	Livestock slaughterings and products, years ended 31 March	57
53	Gross value of livestock products and other disposals, years ended 31 March	58
54	Beekeeping, summary statistics, years ended 30 June	58

Farm finances

55	Selected financial statistics, farm businesses, by industry, aggregates	59
56	Selected financial statistics, farm businesses, aggregates and averages	62

INFORMATION

Explanatory notes	64
Map	69

GRAPHS

Barley, years ended 31 March	7
Oats, years ended 31 March	7
Oil poppies, years ended 31 March	8
Apple production, years ended 31 March	9
Pear production, years ended 31 March	9
Grape production, years ended 31 March	10
Potatoes, years ended 31 March	10
Meat cattle, at 31 March	12
Milk cattle, at 31 March	12
Sheep and lambs, at 31 March	13
Pigs, at 31 March	13

SUMMARY OF FINDINGS

INTRODUCTION

The drought broke in 1995-96. However, adverse weather had a serious impact upon fruit and vegetable crops in Tasmania. The apple crop in Southern Tasmania was seriously affected by heavy rains. Tasmania's stone fruit crop was hard hit by the unseasonably wet conditions, as were grapes.

STRUCTURE OF AGRICULTURAL INDUSTRY

There were 4,640 agricultural establishments with an estimated value of agricultural output (EVAO) of \$5,000 or more at 31 March 1996. This was 1.9% higher than the estimated number at 31 March 1995. The total at 31 March 1996 included 125 establishments with agricultural activity, but whose main activity was in some other industry, and 51 establishments which were not classified to any industry as they had no economic activity. Most of the agricultural establishments were classified to beef cattle farming (1,169 or 25.2%). Both the number and proportion were down slightly from the previous year (1,190 or 26.1% of establishments).

The main industries of the agricultural establishments were:

	<i>Number</i>	<i>% of establishments with agricultural activity</i>
Beef cattle farming	1 169	25.2
Dairy cattle farming	791	17.0
Sheep farming	635	13.7
Vegetable growing	615	13.3

At 31 March 1996, there were 220 farm establishments (4.7%) with an EVAO of \$500,000 or more. Most of these establishments with an EVAO of \$500,000 or more were in the vegetable growing industry (74 or 33.6%). Dairy cattle farming accounted for a further 34 (15.5%); and sheep farming 25 (11.4%).

Agricultural establishments with an EVAO less than \$22,500 numbered 1,208 (26.0% of all agricultural establishments).

In area terms, 10 establishments had 10,000 ha or more, and a further 38 were in the range of 5,000 to 9,999 hectares. Just over 1,000 establishments had areas of less than 50 hectares.

SUMMARY OF FINDINGS *continued*

LAND MANAGEMENT

The total area of agricultural establishments at 31 March 1996 was 1,949,000 hectares; this was 28.5% of the total area of the State (see table 7).

The two main techniques used for dealing with crop stubble were to plough it in (13,955 ha) and remove stubble by baling (12,207 ha). Burning was used for 2,542 ha (see table 8).

During 1995-96, there were 667,800 seedlings planted for timber/pulp on 5,684 ha of cleared land. A further 113,300 seedlings were planted on 2,637 ha for other purposes, such as windbreaks, shelter belts, control of land degradation, etc. In 1995-96, farmers constructed 616 km of fences to protect creeks and river banks. A further 603 km of fencing were erected for protection of native vegetation and 374 km for protection of planted trees and shrubs. The area fenced off to protect remnant native vegetation was 17,135 ha, and a further 4,035 hectares to protect planted trees and shrubs. The area fenced off for protection of degraded areas (other than saline) was 1,210 hectares (see table 11).

The main fertiliser type used during 1995-96 was phosphatic; 71,485 tonnes were applied to 325,969 ha, with an application rate of 0.22 tonnes per hectare. Compound and blended fertilisers (such as MAP, DAP, Starter 12 etc.) were applied to 83,306 ha at an application rate of 0.35 tonnes per hectare (see table 12). The principal soil conditioner used was lime (96,582 tonnes on 34,095 hectares). The main pasture maintenance practice during 1995-96 was top dressing (application of fertiliser); 343,613 ha of pasture were fertilised by this method. Weed control was carried out on 56,869 ha (see tables 13 and 14).

In 1995-96, there were 45,404 ha of agricultural land irrigated. The most frequently used method of determining when to irrigate was local knowledge (1,039 irrigators relied on this). Tensiometers were used by 196 irrigators (see table 15).

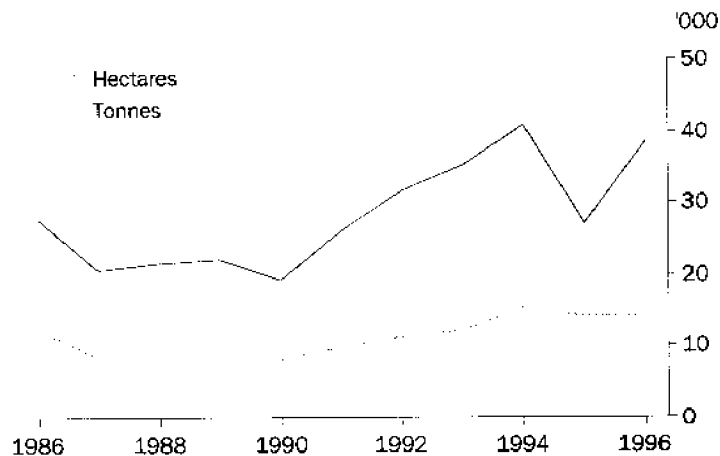
SUMMARY OF FINDINGS *continued*

CROPS AND PASTURES

BARLEY

The main broadacre crop grown in Tasmania is barley. In 1995–96, the area sown was 14,020 ha for a crop of 38,463 tonnes. The area sown was up marginally on 1994–95, but production increased by 42.1%. The average yield in 1995–96 was 2.7 t/ha compared to 1.9 t/ha in 1994–95. This was a reflection of the easing of drought conditions. Only six growers sowed areas of 200 ha or more (see tables 16 and 22).

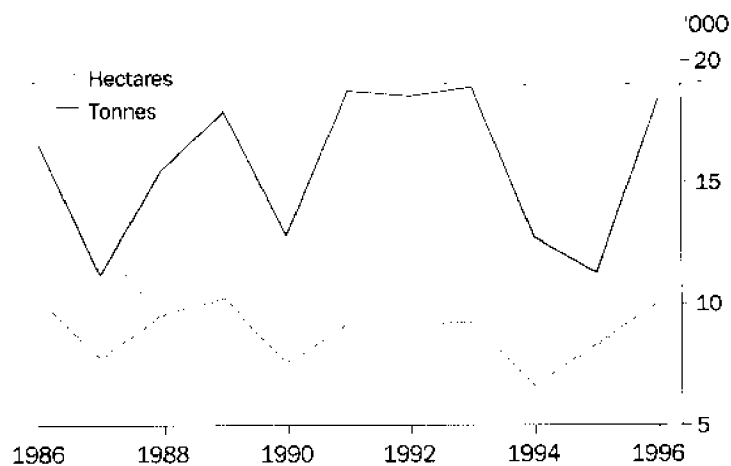
BARLEY, YEARS ENDED 31 MARCH



OATS

In area terms, the next most significant cereal grain crop is oats; 10,069 ha were sown in 1995–96 for a crop of 18,445 tonnes. The area increased by 21.1% over 1994–95 and production increased by 63.4% (see table 16).

OATS, YEARS ENDED 31 MARCH



SUMMARY OF FINDINGS *continued*

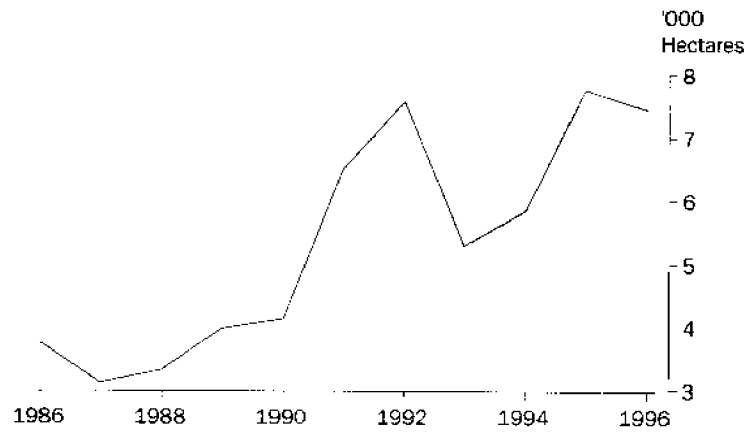
TRITICALE

The area of triticale sown showed a substantial increase from 1,488 ha in 1994-95 to 1,894 ha in 1995-96, an increase of 27.2%. Production increased from 4,943 tonnes to 6,693 or 35.4% (see table 16).

OIL POPPIES

The area of oil poppies sown in 1995-96 was 7,435 ha, down by 4.2% on the previous year's area (see table 19).

OIL POPPIES, YEARS ENDED 31 MARCH



HORTICULTURE

APPLES

Apart from a slight dip between 1993 and 1994, the number of apple trees has consistently increased each year since 1987. At 31 March 1996, there were 1,650,000 apple trees comprising 557,000 trees under six years and 1,092,800 trees six years and over. The total number of trees increased by 4.2% between 31 March 1995 and 31 March 1996. Apple production in 1995-96 was 52,398 tonnes, a decrease of 8.2% on 1994-95 production. The fall was attributable to harsh and wet conditions during the growing period and harvest, particularly in the south. Average yield per tree in the Greater Hobart and Southern Statistical Divisions (SDs) was 46.9 kg/tree in 1995-96 compared with a 1994-95 average of 55.7 kg/tree. Production in the Greater Hobart and Southern SDs dropped from 46,337 tonnes in 1994-95 to 41,032 tonnes in 1995-96 (see table 25).

Greater Hobart and Southern SDs accounted for 78.3% of the State's apple production in 1995-96. Production in both the Northern and Mersey-Lyell SDs increased from 1994-95 to 1995-96.

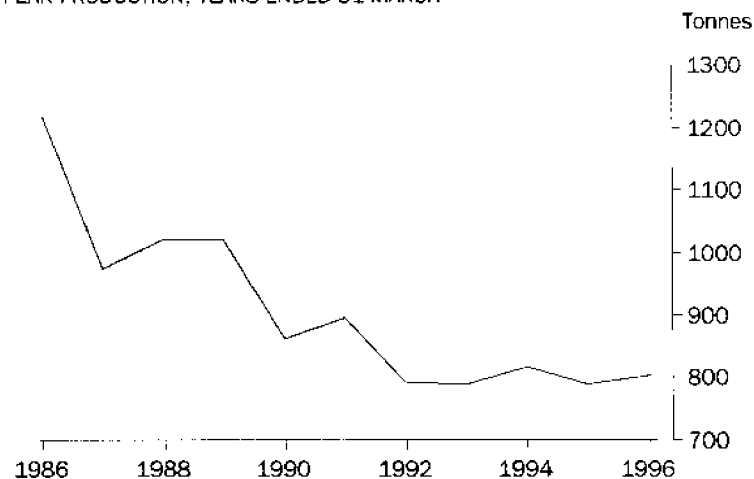
APPLE PRODUCTION, YEARS ENDED 31 MARCH



PEARS

The total number of pear trees (excluding-nashi) at 31 March 1996 was 20,850, a decrease of 8.9% over the previous year. Production in 1995-96 was up by 1.9% to 804.3 tonnes.

PEAR PRODUCTION, YEARS ENDED 31 MARCH



SUMMARY OF FINDINGS *continued*

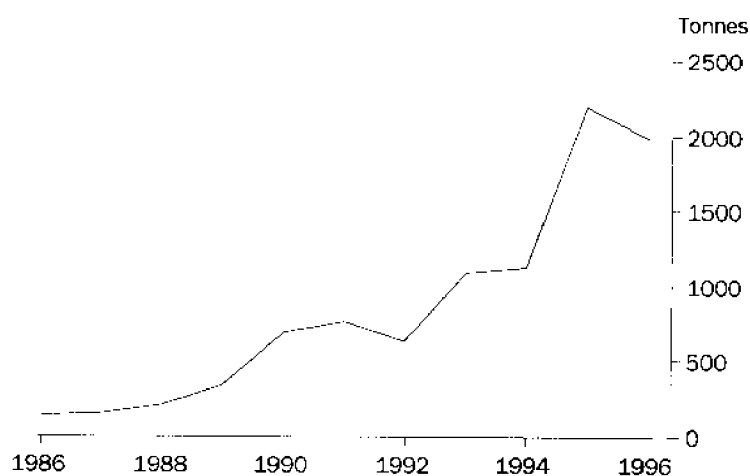
CHERRIES

The total number of cherry trees at 31 March 1996 was 99,500; this was 8.2% above the number at 31 March 1995. The average yield of 5.2 kg/tree was significantly lower than the average yield achieved in other States (see table 26).

GRAPES

The total area under vines showed another substantial increase during 1995-96. At 31 March 1996, the area under vines was 475 ha, 18.9% above the area at 31 March 1995. More than half of the area under vines (59.6%) was in the Northern SD, concentrated on the eastern side of the Tamar Valley. The bearing area of vines in Tasmania was 10.6% more than at 31 March 1995. The grape harvest for 1995-96 was 9.6% below the 1994-95 harvest (see table 29).

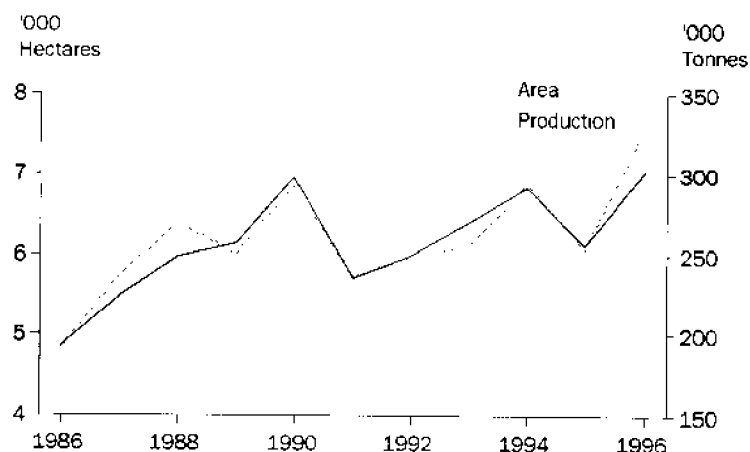
GRAPE PRODUCTION, YEARS ENDED 31 MARCH



VEGETABLES

In area terms, four vegetable crops dominate in Tasmania - potatoes, green peas, French and runner beans, and onions. The latter crop is grown largely for export. The Mersey-Lyell SD is the main vegetable cropping region. During 1995-96, the area of potatoes grown in Tasmania was 7,565 ha, yielding a crop of 302,000 tonnes. This was a 24.7% increase on the area sown in 1994-95. Production of 302,000 tonnes was 18.1% above 1994-95 production. Although the area of green peas (processing and fresh market) was only slightly more than the previous year, production increased by 73.1% to 65,700 tonnes (see table 30).

POTATOES, YEARS ENDED 31 MARCH



SUMMARY OF FINDINGS *continued*

NURSERIES

During 1995-96, the area used for nurseries and cut flowers was 166 ha, down substantially from the 1994-95 area of 262 ha. The biggest fall was in the area of cut flowers, which decreased from 121 ha to 55 ha. Shadehouse area at 31 March 1996 was 67,200 square metres and glasshouse area covered 112,000 square metres (see tables 33 and 34).

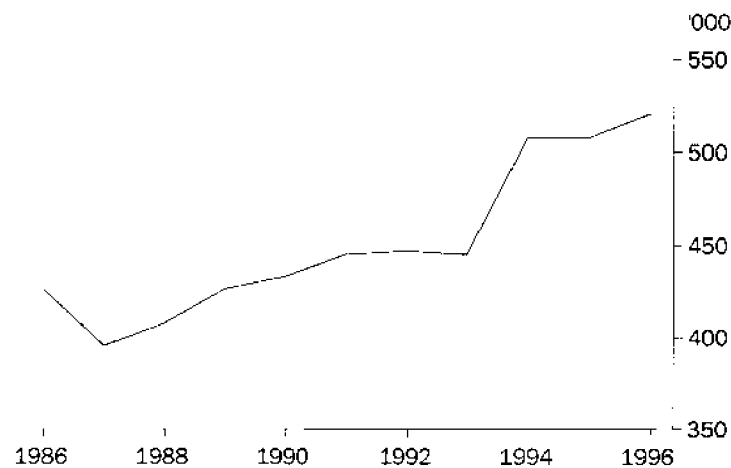
SUMMARY OF FINDINGS *continued*

LIVESTOCK AND LIVESTOCK PRODUCTS

MEAT CATTLE

The meat cattle herd at 31 March 1996 was 521,000, an increase of 2.7% on the previous year. Meat cattle were run on 3,244 establishments at 31 March 1996. At 31 March 1996, there were 11 establishments with meat cattle which had herd sizes between 2,000 to 4,999. This was 0.3% of the establishments with meat cattle, but they accounted for 6.6% of the meat cattle herd. At the other end of the scale, 34.5% of establishments with meat cattle had herds of less than 50. These establishments accounted for 5.5% of the meat cattle herd. The median meat cattle herd size at 31 March 1996 was 81. Most of the meat cattle herd was in the Mersey-Lyell SD (42.2%); the Northern SD had 41.5% and Greater Hobart and Southern SDs had 16.2% (see tables 36, 37 and 38).

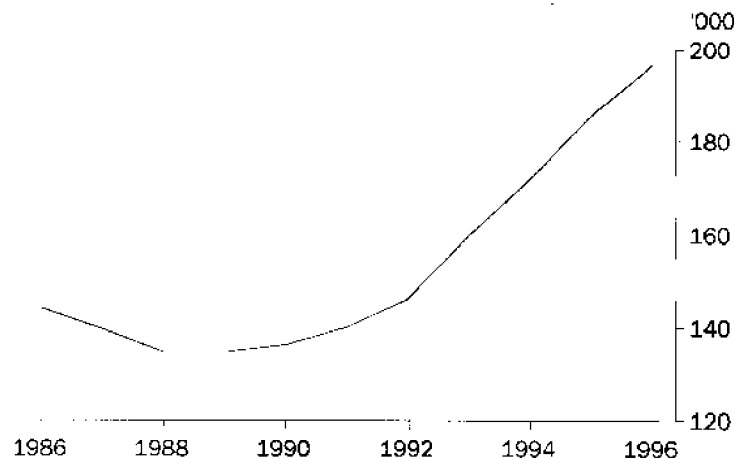
MEAT CATTLE, AT 31 MARCH



MILK CATTLE

The milk cattle herd showed growth between 31 March 1995 and 31 March 1996. At 31 March 1996, the total number of milk cattle was 197,000, an increase of 6.1% on the previous year. Most of this growth occurred in the Mersey-Lyell SD where the herd increased by 6.9%. The Mersey-Lyell SD is the location of a major milk cattle enterprise expansion. The Mersey-Lyell SD accounted for 59.9% of the State's milk cattle herd. At 31 March 1996, there were 925 establishments with milk cattle herds; 55 of these establishments had herds of 500 or more and accounted for 25.1% of the milk cattle herd. The median milk cattle herd in 1996 was 163 (see tables 39, 40 and 41).

MILK CATTLE, AT 31 MARCH



SUMMARY OF FINDINGS *continued*

SHEEP AND LAMBS

A total of 2,012 establishments had sheep and lambs at 31 March 1996. The total flock size was 3,862,300, fractionally above the previous year. The Northern SD had 51.6% of the flock and Greater Hobart and Southern SDs had 43.9% of the flock. The median flock at 31 March 1996 was 588. The lamb marking ratio in 1995-96 was 86.0%, almost six percentage points higher than the marking ratio for 1994-95. Total lambs marked during 1995-96 was 1,257,500, an increase of 1.9% on 1994-95 total (see tables 42, 43 and 45).

SHEEP AND LAMBS, AT 31 MARCH



PIGS

There were 26,500 pigs at 31 March 1996, a decline on the 1995 number of 38,100. Most of the pig herd (77.8%) was located in the Northern SD. There were six (4.9%) establishments with pig herds of 1,000 and over. These accounted for 62.9% of the pig herd (see tables 46 and 47).

PIGS, AT 31 MARCH



VALUE OF AGRICULTURAL COMMODITIES PRODUCED

At the time of publication, preliminary figures only were available for the gross value of agricultural commodities produced in the year ending 31 March 1996. These figures show that barley was the leading cereal crop in terms of value of production (\$9.3m), followed by oats (\$3.4m). Barley accounted for 59.2% of the total value of cereal crops for grain (\$15.7m) (see table 21).

Preliminary figures show that apples remained the leading individual fruit in value terms at \$34.8m, followed by grapes with a value of production of \$8.7m. Apples contributed 71.8% of the total value of fruit production (see table 28).

Potatoes continued to be the dominant crop in terms of vegetables, contributing \$62.6m out of a total of \$130.4m (see table 32).

The gross value of livestock slaughterings decreased from \$139.5m in 1994-95 to \$118.0m in 1995-96, a fall of 15.4%. Gross value of cattle and calf slaughterings fell 27.0% while sheep and lamb slaughterings rose by 61.5% to \$18.9 million (see table 53).

The gross value of wool produced for 1995-96 was \$69.1m, representing a decrease of 35.3% from the previous year's figure (\$106.8m). The value of milk production increased by 38.1% to \$148.5m (see table 53).

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

Industry class		1994	1995	1996
ANZSIC code	Industry of establishment	no.	no.	no.
0111	Plant nurseries	39	36	38
0112	Cut flower and flower seed growing	60	56	46
0113	Vegetable growing	623	589	615
0114	Grape growing	47	58	68
0115	Apple and pear growing	164	165	167
0116	Stonefruit growing	17	20	23
0117	Kiwi fruit growing	—	—	—
0119	Fruit growing n.e.c.	38	37	35
0121	Grain growing	14	16	22
0122	Grain-sheep/beef cattle farming	84	75	102
0123	Sheep-beef cattle farming	532	461	443
0124	Sheep farming	653	624	635
0125	Beef cattle farming	1 156	1 190	1 169
0130	Dairy cattle farming	805	779	791
0141	Poultry farming (meat)	12	14	15
0142	Poultry farming (eggs)	18	14	14
0151	Pig farming	54	40	35
0152	Horse farming	59	41	44
0153	Deer farming	40	32	38
0159	Livestock farming n.e.c.	42	75	87
0161	Sugar cane growing	—	—	—
0162	Cotton growing	—	—	—
0169	Crop and plant growing n.e.c.	52	73	77
Total (ANZSIC Code 01)		4 509	4 395	4 464
02	Services to agriculture; hunting and trapping	11	8	11
03	Forestry and logging	12	13	14
04	Commercial fishing	6	6	7
Total (ANZSIC Division A)		4 538	4 422	4 496
All other ANZSIC Divisions		95	91	93
Unclassified		30	41	51
Total all industries		4 663	4 554	4 640

(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 64.

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

Industry class		1994	1995	1996
ANZSIC code	Industry of establishment	no.	no.	no.
0111	Plant nurseries	38	35	33
0112	Cut flower and flower seed growing	45	44	35
0113	Vegetable growing	591	571	592
0114	Grape growing	20	31	39
0115	Apple and pear growing	159	157	156
0116	Stonefruit growing	9	15	11
0117	Kiwi fruit growing	—	—	—
0119	Fruit growing n.e.c.	21	24	24
0121	Grain growing	9	9	15
0122	Grain-sheep/beef cattle farming	55	47	70
0123	Sheep-beef cattle farming	376	322	309
0124	Sheep farming	431	452	469
0125	Beef cattle farming	593	686	583
0130	Dairy cattle farming	783	759	771
0141	Poultry farming (meat)	12	13	12
0142	Poultry farming (eggs)	16	14	13
0151	Pig farming	46	35	28
0152	Horse farming	33	21	26
0153	Deer farming	39	31	37
0159	Livestock farming n.e.c.	27	53	69
0161	Sugar cane growing	—	—	—
0162	Cotton growing	—	—	—
0169	Crop and plant growing n.e.c.	43	64	62
Total (ANZSIC Code 01)		3 346	3 363	3 354
02	Services to agriculture; hunting and trapping	5	3	5
03	Forestry and logging	7	8	10
04	Commercial fishing	5	6	7
Total (ANZSIC Division A)		3 363	3 380	3 376
All other ANZSIC Divisions		55	51	56
Unclassified		2	—	—
Total all industries		3 420	3 431	3 432

3

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

Statistical division	1994	1995	1996
	no.	no.	no.
Greater Hobart and Southern	1 171	1 168	1 174
Northern	1 663	1 594	1 644
Mersey-Lyell	1 829	1 792	1 822
Tasmania	4 663	4 554	4 640

(a) See explanatory note 4 on page 64.

(b) Figures are at 31 March.

4

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

Statistical division	1994	1995	1996
	no.	no.	no.
Greater Hobart and Southern	761	798	802
Northern	1 252	1 246	1 258
Mersey-Lyell	1 407	1 387	1 372
Tasmania	3 420	3 431	3 432

(a) Figures are at 31 March.

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	—	5	6	8
0112	Cut flower and flower seed growing	—	11	11	14
0113	Vegetable growing	3	20	58	106
0114	Grape growing	3	26	17	14
0115	Apple and pear growing	2	9	25	30
0116	Stonefruit growing	1	11	3	5
0117	Kiwi fruit growing	—	—	—	—
0119	Fruit growing n.e.c.	1	10	11	8
0121	Grain growing	3	4	8	2
0122	Grain-sheep/beef cattle farming	2	30	27	18
0123	Sheep-beef cattle farming	5	129	92	85
0124	Sheep farming	17	149	124	113
0125	Beef cattle farming	51	535	310	130
0130	Dairy cattle farming	—	20	63	154
0141	Poultry farming (meat)	3	—	—	—
0142	Poultry farming (eggs)	—	1	—	1
0151	Pig farming	1	6	5	6
0152	Horse farming	—	18	13	12
0153	Deer farming	—	1	3	13
0159	Livestock farming n.e.c.	1	17	13	22
0161	Sugar cane growing	—	—	—	—
0162	Cotton growing	—	—	—	—
0169	Crop and plant growing n.e.c.	1	14	15	22
Total (ANZSIC Code 01)		94	1 016	804	763
02	Services to agriculture; hunting and trapping	2	4	3	2
03	Forestry and logging	—	4	2	3
04	Commercial fishing	—	—	2	2
Total (ANZSIC Division A)		96	1 024	811	770
All other ANZSIC Divisions		6	31	23	13
Unclassified		51	—	—	—
Total all industries		153	1 055	834	783

(a) See explanatory note 4 on page 64.

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	5	6	8	38
0112	Cut flower and flower seed growing	5	2	3	46
0113	Vegetable growing	158	196	74	615
0114	Grape growing	5	1	2	68
0115	Apple and pear growing	49	32	20	167
0116	Stonefruit growing	1	2	—	23
0117	Kiwi fruit growing	—	—	—	—
0119	Fruit growing n.e.c.	3	2	—	35
0121	Grain growing	4	—	1	22
0122	Grain-sheep/beef cattle farming	17	6	2	102
0123	Sheep-beef cattle farming	63	56	13	443
0124	Sheep farming	106	101	25	635
0125	Beef cattle farming	97	40	6	1 169
0130	Dairy cattle farming	279	241	34	791
0141	Poultry farming (meat)	3	6	3	15
0142	Poultry farming (eggs)	6	2	4	14
0151	Pig farming	10	4	3	35
0152	Horse farming	1	—	—	44
0153	Deer farming	5	10	6	38
0159	Livestock farming n.e.c.	18	14	2	87
0161	Sugar cane growing	—	—	—	—
0162	Cotton growing	—	—	—	—
0169	Crop and plant growing n.e.c.	7	9	9	77
Total (ANZSIC Code 01)		842	730	215	4 464
02	Services to agriculture; hunting and trapping	—	—	—	11
03	Forestry and logging	3	—	2	14
04	Commercial fishing	2	1	—	7
Total (ANZSIC Division A)		847	731	217	4 496
All other ANZSIC Divisions		10	7	3	93
Unclassified		—	—	—	51
Total all industries		857	738	220	4 640

ESTABLISHMENTS BY INDUSTRY, By area range, at 31 March 1996

		AREA OF ESTABLISHMENTS(HA).....					
<i>Industry class</i>		0 to 49	50 to 99	100 to 499	500 to 999	1,000 to 2,499	2,500 to 4,999
<i>ANZSIC code</i>	<i>Industry of establishment</i>	no.	no.	no.	no.	no.	no.
0111	Plant nurseries	25	4	5	1	2	—
0112	Cut flower and flower seed growing	38	5	3	—	—	—
0113	Vegetable growing	133	153	284	30	15	—
0114	Grape growing	53	5	7	1	2	—
0115	Apple and pear growing	77	44	43	3	—	—
0116	Stonefruit growing	16	3	4	—	—	—
0117	Kiwi fruit growing	—	—	—	—	—	—
0119	Fruit growing n.e.c.	25	—	9	1	—	—
0121	Grain growing	4	5	12	1	—	—
0122	Grain-sheep/beef cattle farming	8	12	50	15	13	3
0123	Sheep-beef cattle farming	33	67	181	57	56	34
0124	Sheep farming	37	58	229	108	129	50
0125	Beef cattle farming	286	286	471	77	37	8
0130	Dairy cattle farming	84	160	500	35	7	3
0141	Poultry farming (meat)	7	3	3	2	—	—
0142	Poultry farming (eggs)	9	2	3	—	—	—
0151	Pig farming	17	7	10	—	1	—
0152	Horse farming	19	15	9	1	—	—
0153	Deer farming	10	12	9	3	3	1
0159	Livestock farming n.e.c.	50	15	13	6	2	—
0161	Sugar cane growing	—	—	—	—	—	—
0162	Cotton growing	—	—	—	—	—	—
0169	Crop and plant growing n.e.c.	22	17	30	4	3	1
Total (ANZSIC Code 01)		953	873	1 875	345	270	100
02	Services to agriculture; hunting and trapping	6	3	2	—	—	—
03	Forestry and logging	2	2	9	—	—	1
04	Commercial fishing	1	1	2	—	3	—
Total (ANZSIC Division A)		962	879	1 888	345	273	101
All other ANZSIC Divisions		38	19	30	5	—	1
Unclassified		24	15	9	1	1	1
Total all industries		1 024	913	1 927	351	274	103

		AREA OF ESTABLISHMENTS(HA)		
Industry class		5,000 to 9,999	10,000 and over	Total establishments
ANZSIC code	Industry of establishment	no.	no.	no.
0111	Plant nurseries	1	—	38
0112	Cut flower and flower seed growing	—	—	46
0113	Vegetable growing	—	—	615
0114	Grape growing	—	—	68
0115	Apple and pear growing	—	—	167
0116	Stonefruit growing	—	—	23
0117	Kiwi fruit growing	—	—	—
0119	Fruit growing n.e.c.	—	—	35
0121	Grain growing	—	—	22
0122	Grain-sheep/beef cattle farming	1	—	102
0123	Sheep-beef cattle farming	13	2	443
0124	Sheep farming	18	6	635
0125	Beef cattle farming	3	1	1 169
0130	Dairy cattle farming	1	1	791
0141	Poultry farming (meat)	—	—	15
0142	Poultry farming (eggs)	—	—	14
0151	Pig farming	—	—	35
0152	Horse farming	—	—	44
0153	Deer farming	—	—	38
0159	Livestock farming n.e.c.	1	—	87
0161	Sugar cane growing	—	—	—
0162	Cotton growing	—	—	—
0169	Crop and plant growing n.e.c.	—	—	77
Total (ANZSIC Code 01)		38	10	4 464
02	Services to agriculture; hunting and trapping	—	—	11
03	Forestry and logging	—	—	14
04	Commercial fishing	—	—	7
Total (ANZSIC Division A)		38	10	4 496
All other ANZSIC Divisions		—	—	93
Unclassified		—	—	51
Total all industries		38	10	4 640

7

AREA & LAND USE OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY, At 31 March 1996

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
Greater Hobart and Southern	7.7	6.4	2.3	1.1
Northern	20.5	9.7	0.4	6.8
Mersey-Lyell	2.1	6.1	0.5	11.9
Tasmania				
1996	30.3	22.2	3.2	19.8
1995	25.7	10.0	3.1	17.2
1994	25.4	13.5	3.0	19.2

Statistical division	Area of holding	Area of non-agricultural land(b)	Total area (agricultural and non-agricultural land)
	'000 ha	'000 ha	'000 ha
Greater Hobart and Southern	737.7	1 742.0	2 479.7
Northern	880.0	1 193.4	2 073.4
Mersey-Lyell	331.1	1 964.9	2 296.0
Tasmania			
1996	1 948.8	4 900.3	6 849.1
1995	1 932.8	4 916.2	6 849.1
1994	1 968.8	4 880.3	6 849.1

(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

CROP STUBBLE DISPOSAL, Year ended 31 March 1996

AREA OF HOLDING ON WHICH CROP STUBBLE TECHNIQUES WERE USED.....

<i>Statistical division</i>	<i>Stubble was burnt</i> ha	<i>Stubble removed by grazing, baling or fire harrowing</i> ha	<i>Stubble was incorporated(a)</i> ha	<i>Stubble was mulched(b)</i> ha	<i>Stubble was left intact(c)</i> ha
Greater Hobart and Southern	664.3	2 889.1	3 076.0	187.0	826.6
Northern	1 446.2	8 555.4	7 884.7	581.8	2 951.1
Mersey-Lyell	431.5	762.2	2 993.8	793.9	209.8
Tasmania					
1996	2 542.0	12 206.7	13 954.5	1 562.7	3 987.5
1995	3 226.3	n.c.	14 021.6	1 768.9	6 816.1

(a) Farm machinery used to plough stubble into soil.

(b) Farm machinery used to chop or slash stubble into smaller lengths.

(c) No cultivation; crops sown by direct drilling.

9

CULTIVATION OF BROADACRE CROPS, Year ended 31 March 1996

<i>Statistical division</i>	<i>More than two cultivations</i> ha	<i>One or two cultivations</i> ha	<i>No cultivation</i> ha
Greater Hobart and Southern	7 138.6	2 987.7	1 211.9
Northern	17 261.0	5 144.4	3 279.7
Mersey-Lyell	5 594.6	1 204.2	178.2
Tasmania	29 994.2	9 336.3	4 669.8

CLEARED AGRICULTURAL LAND PLANTED WITH TREES(b).....

SEEDLINGS PLANTED

Statistical division	Cleared Agricultural Land Planted with Trees		Seedlings Planted			
	For timber/pulp ha	Other purposes ha	For timber/pulp no.	ha	Other purposes no.	ha
Greater Hobart and Southern	634.0	473.3	53 850	56	19 010	29
Northern	2 342.5	720.5	321 902	290	47 699	122
Mersey-Lyell	2 707.4	1 443.1	292 037	214	46 633	93
Tasmania	5 683.9	2 636.9	667 789	560	113 342	244

SEED SOWN

TIMBER HARVESTED.....

Statistical division	Seed Sown		Timber Harvested	
	kg	ha	Hardwood t	Softwood t
Greater Hobart and Southern	189.0	77.3	3 000	5 110
Northern	25.8	5.5	49 334	8 814
Mersey-Lyell	30.0	11.0	15 020	1 750
Tasmania	224.8	93.8	67 354	15 674

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

(b) Area of cleared land planted with trees at 31 March 1996. Includes trees planted during reference and earlier years.

KILOMETRES ERECTED TO ISOLATE.....

Statistical division	Saline areas	Other degraded areas	Creeks and rivers	Remnant native vegetation	Planted trees and shrubs
	km	km	km	km	km
Greater Hobart and Southern	9.8	10.5	23.2	203.7	75.1
Northern	11.4	49.0	398.6	212.7	156.6
Mersey-Lyell	19.0	13.0	194.2	186.9	142.2
Tasmania	40.2	72.5	816.0	603.3	373.9

AREA ISOLATED

Statistical division	Saline areas	Other degraded areas	Remnant native vegetation	Planted trees and shrubs	Other
	ha	ha	ha	ha	ha
Greater Hobart and Southern	78.2	367.3	5 260.6	511.7	1 595.5
Northern	39.3	662.3	3 482.1	2 132.2	5 090.8
Mersey-Lyell	31.0	180.0	8 392.6	1 391.2	219.5
Tasmania	148.5	1 209.6	17 135.3	4 035.1	6 905.8

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

12

FERTILISER USAGE, Year ended 31 March 1996(a)

Statistical division	NITROGENOUS		PHOSPHATIC		POTASSIUM		COMPOUND	
	Area	Weight	Area	Weight	Area	Weight	Area	Weight
	ha	tonnes	ha	tonnes	ha	tonnes	ha	tonnes
Greater Hobart and Southern	5 077.7	1 333.2	74 974.7	12 942.4	5 440.6	1 425.2	9 040.5	2 389.1
Northern	13 637.7	2 847.2	156 126.8	29 726.9	30 914.4	7 389.4	38 762.1	12 050.4
Mersey-Lyell	19 871.8	5 012.6	94 867.3	28 815.3	35 227.4	10 321.4	35 503.0	14 361.2
Tasmania	38 587.2	9 193.0	325 968.8	71 484.6	71 582.4	19 136.0	83 305.6	28 800.7

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

13

SOIL CONDITIONERS, Year ended 31 March 1996(a)

Statistical division	LIME		DOLOMITE-ACIDITY(b)		DOLOMITE-PHYSICAL(c)		GYPSUM	
	Area	Weight	Area	Weight	Area	Weight	Area	Weight
	ha	tonnes	ha	tonnes	ha	tonnes	ha	tonnes
Greater Hobart and Southern	2 300	4 110	603	1 182	83	137	90	42
Northern	11 726	25 222	4 198	7 711	880	1 770	307	119
Mersey-Lyell	20 070	67 251	16 012	34 569	1 516	3 687	1 110	646
Tasmania	34 095	96 582	20 813	43 462	2 478	5 594	1 507	807

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

(b) Dolomite used to correct soil acidity problem.

(c) Dolomite used to correct physical soil problems.

14

MAINTENANCE & MANAGEMENT OF PASTURES, Year ended 31 March 1996(a)

Statistical division	Top dressing	Weed control	Pest & disease control	Slashing & burning
	ha	ha	ha	ha
Greater Hobart and Southern	63 952.3	8 954.0	1 899.5	1 997.2
Northern	171 364.6	27 721.6	5 660.7	8 041.5
Mersey-Lyell	108 295.7	20 193.8	10 538.2	7 172.6
Tasmania	343 612.6	56 869.4	18 098.4	17 211.3

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

15

IRRIGATION AREA AND SCHEDULING METHOD, Year ended 31 March 1996(a)

METHOD USED TO DECIDE WHEN TO IRRIGATE.....

Statistical division	Total area irrigated	Evaporation figures	Tensiometers	Soil probes	Government or commercial	Calendar/ rotational	Local knowledge	Other
	ha	no.	no.	no.	no.	no.	no.	no.
Greater Hobart and Southern	10 143.9	39	45	9	6	20	217	13
Northern	17 441.1	37	46	30	6	36	364	20
Mersey-Lyell	17 818.6	47	105	14	4	89	458	20
Tasmania	45 403.6	123	196	53	16	145	1 039	53

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

Statistical division	BARLEY			OATS		
	Area	Production	Yield	Area	Production	Yield
	ha	t	t/ha	ha	t	t/ha
Greater Hobart and Southern	3 578.3	9 054.0	2.5	2 743.5	4 495.8	1.6
Northern	9 293.4	26 266.0	2.8	7 187.2	13 635.3	1.9
Mersey-Lyell	1 147.9	3 142.6	2.7	137.8	313.5	2.3
Tasmania						
1996	14 019.6	38 462.6	2.7	10 068.5	18 444.6	1.8
1995	13 968.7	27 072.8	1.9	8 315.7	11 286.9	1.4
1994	15 204.1	40 755.3	2.7	6 650.9	12 744.2	1.9

Statistical division	TRITICALE			WHEAT		
	Area	Production	Yield	Area	Production	Yield
	ha	t	t/ha	ha	t	t/ha
Greater Hobart and Southern	168.8	504.7	3.0	396.5	1 186.2	3.0
Northern	1 522.7	5 008.6	3.3	548.0	2 168.8	3.0
Mersey-Lyell	202.2	1 180.0	5.8	110.3	712.5	6.5
Tasmania						
1996	1 893.7	6 693.3	3.5	1 054.8	4 067.5	3.9
1995	1 488.3	4 942.5	3.3	1 261.6	2 768.6	2.2
1994	1 572.8	5 622.1	3.6	1 601.7	5 321.3	3.3

Statistical division	OTHER	
	Area	Production
	ha	t
Greater Hobart and Southern	321.4	7 208.5
Northern	271.7	18 823.0
Mersey-Lyell	123.9	1 722.1
Tasmania		
1996	717.0	27 753.6
1995	n.a.	n.a.
1994	n.a.	n.a.

FABA BEANS

Statistical division	Area	Production	Yield
	ha	t	t/ha
Greater Hobart and Southern	—	—	—
Northern	8.0	—	—
Mersey-Lyell	—	—	—
Tasmania	8.0	—	—
1996	13.6	47.5	3.5
1995	13.6	36.9	2.7

FIELD PEAS

Statistical division	Area	Production	Yield
	ha	t	t/ha
Greater Hobart and Southern	156.8	292.0	1.9
Northern	276.4	455.1	1.6
Mersey-Lyell	20.1	57.9	2.9
Tasmania	453.3	805.0	1.8
1996	381.8	573.4	1.5
1995	595.1	1 550.2	2.6

LUPINS

Statistical division	Area	Production	Yield
	ha	t	t/ha
Greater Hobart and Southern	15.0	—	—
Northern	211.7	220.5	1.0
Mersey-Lyell	28.0	70.0	2.5
Tasmania	254.7	290.5	1.1
1996	526.4	335.5	0.6
1995	663.9	950.5	1.4

Statistical division	LUCERNE CUT FOR HAY.....			OTHER PASTURE CUT FOR HAY		
	Area	Production	Yield	Area	Production	Yield
	ha	t	t/ha	ha	t	t/ha
Greater Hobart and Southern	1 048.5	5 314.2	5.1	7 079.7	26 794.9	3.8
Northern	1 697.6	8 198.5	4.8	26 525.4	107 355.4	4.0
Mersey-Lyell	1 035.6	5 088.6	4.9	23 611.8	114 675.9	4.9
Tasmania						
1996	3 781.7	18 601.3	4.9	57 216.9	248 826.2	4.3
1995	2 880.4	11 348.6	3.9	45 970.0	172 130.3	3.7
1994	1 721.6	7 963.2	4.6	48 679.7	221 309.0	4.5

Statistical division	TOTAL PASTURE CUT FOR HAY.....			CEREALS CUT FOR HAY.....		
	Area	Production	Yield	Area	Production	Yield
	ha	t	t/ha	ha	t	t/ha
Greater Hobart and Southern	8 128.2	32 109.1	4.0	508.8	2 178.8	4.3
Northern	28 223.0	115 553.9	4.1	1 654.7	6 675.3	4.0
Mersey-Lyell	24 647.4	119 764.5	4.9	357.2	1 632.9	4.6
Tasmania						
1996	60 998.6	267 427.5	4.4	2 520.7	10 487.0	4.2
1995	48 850.4	183 478.9	3.8	n.a.	n.a.	n.a.
1994	50 401.3	229 272.2	4.5	n.a.	n.a.	n.a.

Statistical division	NON CEREAL CROPS CUT FOR HAY		
	Area	Production	Yield
	ha	t	t/ha
Greater Hobart and Southern	261.7	935.4	3.6
Northern	326.0	1 514.8	4.6
Mersey-Lyell	298.3	1 222.0	4.1
Tasmania			
1996	886.0	3 672.2	4.1
1995	n.a.	n.a.	n.a.
1994	n.a.	n.a.	n.a.

Statistical division	CANOLA			OIL POPPIES		
	Area ha	Production t	Yield t/ha	Area ha	Production t	Yield t/ha
Greater Hobart and Southern	94.3	141.4	1.5	1 792.2	n.p.	n.p.
Northern	52.5	63.9	1.2	2 692.0	n.p.	n.p.
Mersey-Lyell	—	—	—	2 950.7	n.p.	n.p.
Tasmania						
1996	146.8	205.3	1.4	7 434.9	n.p.	n.p.
1995	209.4	151.6	0.7	7 764.4	n.p.	n.p.
1994	149.9	193.6	1.3	5 853.4	n.p.	n.p.

Statistical division	HOPS			PEPPERMINT		
	Area ha	Production t	Yield t/ha	Area ha	Production t	Yield t/ha
Greater Hobart and Southern	258.6	717.5	2.8	41.0	3.8	—
Northern	300.1	748.6	2.5	97.0	3.1	31.0
Mersey-Lyell	158.8	464.0	2.9	—	—	—
Tasmania						
1996	717.5	1 930.2	2.7	138.0	6.9	0.1
1995	720.2	1 832.2	2.5	118.9	9.7	0.1
1994	800.0	2 105.0	2.6	n.c.	n.c.	n.c.

	1994	1995r	1996p
	\$m	\$m	\$m
Cereals for grain			
Barley	6.1	6.1	9.3
Oats	1.5	2.5	3.4
Triticale	0.8	1.1	1.5
Wheat	0.9	0.7	1.0
Other	0.2	0.3	0.5
Total	9.5	10.7	15.7
Lucerne cut for hay	1.4	2.7	4.3
Other pastures cut for hay	22.1	17.9	23.2
Cereal crops cut for hay	0.8	0.9	1.5
Other crops cut for hay	n.c.	0.1	0.3
Legumes for grain			
Lupins	0.2	0.1	—
Field peas	0.2	0.2	0.2

AREA SOWN (HECTARES)

	0 to 49	50 to 99	100 to 149	150 to 199	200 to 299	300 to 399	400 or more	Total establishments
Barley for grain								
establishments (number)	426	58	13	1	2	3	1	504
percentage of total establishments	84.5	11.5	2.6	0.2	0.4	0.6	0.2	100.0
area (hectares)	6 461	3 916	1 544	160	490	949	500	14 020
percentage of total barley area	46.1	27.9	11.0	1.1	3.5	6.8	3.6	100.0
production (tonnes)	18 761	10 827	4 172	400	1 302	1 001	2 000	38 463
percentage of total barley production	48.8	28.1	10.8	1.0	3.4	2.6	5.2	100.0
Oats for grain								
establishments (number)	458	35	4	1	3	—	—	501
percentage of total establishments	91.4	7.0	0.8	0.2	0.6	—	—	100.0
area (hectares)	6 485	2 253	470	180	680	—	—	10 068
percentage of total oats area	64.4	22.4	4.7	1.8	6.8	—	—	100.0
production (tonnes)	12 722	3 576	987	400	760	—	—	18 445
percentage of total oats production	69.0	19.4	5.4	2.2	4.1	—	—	100.0
Triticale for grain								
establishments (number)	74	4	—	1	1	1	—	81
percentage of total establishments	91.4	4.9	—	1.2	1.2	1.2	—	100.0
area (hectares)	883	246	—	193	250	322	—	1 894
percentage of total triticale area	46.6	13.0	—	10.2	13.2	17.0	—	100.0
production (tonnes)	3 448	1 188	—	862	100	1 095	—	6 693
percentage of total triticale production	51.5	17.7	—	12.9	1.5	16.4	—	100.0
Wheat for grain								
establishments (number)	85	—	1	—	—	—	—	86
percentage of total establishments	98.8	—	1.2	—	—	—	—	100.0
area (hectares)	955	—	100	—	—	—	—	1 055
percentage of total wheat area	90.5	—	9.5	—	—	—	—	100.0
production (tonnes)	4 032	—	35	—	—	—	—	4 067
percentage of total wheat production	99.1	—	0.9	—	—	—	—	100.0

(a) Year ended 31 March 1996.

23

ESTABLISHMENTS GROWING CEREALS FOR GRAIN, Year ended 31 March 1996

Statistical division	Barley	Oats	Triticale	Wheat
	no.	no.	no.	no.
Greater Hobart and Southern	127	166	13	28
Northern	276	302	51	39
Mersey-Lyell	101	33	17	19
Tasmania				
1996	504	501	81	86
1995	540	402	64	89
1994	518	345	64	101

24

CEREAL CROP FORECAST FOR ALL PURPOSES, Year ended 31 March 1997

AREA SOWN OR INTENDED TO BE SOWN IN 1996-97

Statistical division	Barley	Oats	Wheat
	ha	ha	ha
Greater Hobart and Southern	3 970.0	4 026.7	534.5
Northern	9 150.5	8 706.5	1 293.6
Mersey-Lyell	753.8	807.1	180.4
Tasmania			
1997	13 874.3	13 540.3	2 008.5

APPLES

Statistical division	Trees under 6 years	Trees 6 years and over	Production	Yield	Trees under 6 years	Trees 6 years and over	Production	Yield
	no.	no.	t	kg/tree	no.	no.	t	kg/tree
Greater Hobart and Southern	362 034	875 405	41 031.9	46.9	270	500	5.9	11.8
Northern	52 355	103 390	4 149.0	40.1	203	220	4.0	18.2
Mersey-Lyell	142 577	114 014	7 217.2	63.3	—	720	50.8	70.6
Tasmania								
1996	556 966	1 092 809	52 398.2	47.9	473	1 440	60.7	42.2
1995	543 104	1 040 371	57 049.6	54.8	871	1 410	20.0	14.2
1994	526 397	963 264	54 953.7	57.0	1 245	898	22.2	24.7

NASHI

PEARS

Statistical division	Trees under 6 years	Trees 6 years and over	Production	Yield
	no.	no.	t	kg/tree
Greater Hobart and Southern	2 581	11 975	460.2	38.4
Northern	252	3 949	220.0	55.7
Mersey-Lyell	55	2 038	124.0	60.9
Tasmania				
1996	2 888	17 962	804.3	44.8
1995	4 322	18 568	789.6	42.5
1994	4 116	18 844	819.2	43.5

(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

Statistical division	Trees under 6 years	Trees 6 years and over	Production	Yield
	no.	no.	t	kg/tree
Greater Hobart and Southern	11 605	27 132	211.9	7.8
Northern	2 046	515	0.1	0.2
Mersey-Lyell	—	—	—	—
Tasmania				
1996	13 651	27 647	212.1	7.7
1995	9 901	34 159	368.1	10.8
1994	8 132	30 667	228.7	7.5

CHERRIES

Statistical division	Trees under 6 years	Trees 6 years and over	Production	Yield
	no.	no.	t	kg/tree
Greater Hobart and Southern	35 371	33 846	129.3	3.8
Northern	2 475	1 780	18.4	10.3
Mersey-Lyell	24 600	1 420	43.9	30.9
Tasmania				
1996	62 446	37 046	191.6	5.2
1995	65 116	26 822	158.6	5.9
1994	71 396	15 986	53.9	3.4

NECTARINES

Statistical division	Trees under 6 years	Trees 6 years and over	Production	Yield
	no.	no.	t	kg/tree
Greater Hobart and Southern	8 851	5 969	26.6	4.4
Northern	1 033	2 219	12.9	5.8
Mersey-Lyell	400	1 600	4.0	2.5
Tasmania				
1996	10 284	9 788	43.4	4.4
1995	4 589	7 487	77.9	10.4
1994	4 880	7 912	110.2	13.9

PEACHES

Statistical division	Trees under 6 years	Trees 6 years and over	Production	Yield
	no.	no.	t	kg/tree
Greater Hobart and Southern	3 877	854	9.6	11.3
Northern	949	1 776	11.0	6.2
Mersey-Lyell	200	400	0.2	0.5
Tasmania				
1996	5 026	3 030	20.9	6.9
1995	1 706	3 011	15.2	5.0
1994	1 496	3 053	35.1	11.5

PLUMS AND PRUNES.....

Statistical division	Trees under 6 years	Trees 6 years and over	Production	Yield
	no.	no.	t	kg/tree
Greater Hobart and Southern	292.0	876.0	6.7	7.6
Northern	472.0	140.0	0.4	2.6
Mersey-Lyell	2 700.0	100.0	2.1	21.1
Tasmania				
1996	3 464.0	1 116.0	9.1	8.2
1995	3 095.0	870.0	9.7	11.1
1994	3 132.0	908.0	6.8	7.5

OTHER STONE FRUIT.....

Statistical division	Trees under 6 years	Trees 6 years and over
	no.	no.
Greater Hobart and Southern	200.0	—
Northern	—	—
Mersey-Lyell	—	—
Tasmania		
1996	200.0	—
1995	n.a.	n.a.
1994	n.a.	n.a.

(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	BLACKCURRANTS				RASPBERRIES			
	Area not yet bearing ha	Area of bearing age ha	Production t	Yield t/ha	Area not yet bearing ha	Area of bearing age ha	Production t	Yield t/ha
Greater Hobart and Southern	14.0	98.6	548.4	5.6	2.9	28.3	61.4	2.2
Northern	5.0	18.9	71.6	3.8	4.6	12.0	30.0	2.5
Mersey-Lyell	6.0	45.0	45.0	1.0	1.0	8.1	21.0	2.6
Tasmania								
1996	25.0	162.5	665.0	4.1	8.5	48.4	112.4	2.3
1995	10.9	137.3	632.7	4.6	3.7	46.0	136.7	3.0
1994	34.3	135.3	547.4	4.0	5.6	56.8	146.7	2.6

Statistical division	STRAWBERRIES				OTHER BERRY FRUIT	
	Area not yet bearing ha	Area of bearing age ha	Production t	Yield t/ha	Area not yet bearing ha	Area of bearing age ha
Greater Hobart and Southern	—	8.8	83.4	9.5	0.9	4.2
Northern	0.6	5.5	11.5	2.1	2.0	11.0
Mersey-Lyell	—	4.9	40.5	8.3	0.3	2.3
Tasmania						
1996	0.6	19.2	135.4	7.1	3.2	17.5
1995	5.3	24.7	153.9	6.2	n.a.	n.a.
1994	6.6	21.6	85.4	4.0	n.a.	n.a.

	1994	1995r	1996p
	\$m	\$m	\$m
Apples	33.2	42.8	34.8
Apricots	0.4	0.8	0.4
Cherries	0.2	0.8	1.4
Grapes	1.7	4.2	8.7
Nectarines	0.2	0.1	0.1
Peaches	0.1	—	—
Pears	0.7	0.6	0.6
Raspberries	0.5	0.7	0.5
Strawberries	0.4	0.7	0.5
Other, including nuts	1.3	1.5	1.5
Total	38.7	52.2	48.5

AREA OF VINES AT HARVEST

Not yet bearing (planted or grafted)

GRAPE PRODUCTION

Statistical division	Planted or	During	Bearing	Winemaking	Drying	Table & other	Total
	grafted prior to collection year	collection year					
	ha	ha	ha	t	t	t	t
Greater Hobart and Southern	34.8	28.9	111.6	367.7	—	—	367.7
Northern	49.2	33.7	200.3	1 586.3	—	0.8	1 587.1
Mersey-Lyell	4.2	0.2	12.4	33.8	—	—	33.8
Tasmania							
1996	88.2	62.8	324.3	1 987.8	—	0.8	1 988.6
1995	66.7	39.9	293.1	2 200.5	—	—	2 200.5
1994	72.3	29.2	260.0	1 124.6	—	—	1 124.6

	Units	1994	1995	1996
Asparagus(a)				
area	ha	5.8	13.7	11.0
production	t	20.1	47.9	20.5
Beans — French and runner				
area	ha	1 324.0	1 219.3	1 667.7
production	t	7 697.8	8 461.9	9 453.4
yield	t/ha	5.8	6.9	5.7
Beetroot				
area	ha	n.a.	0.3	0.8
production	t	n.a.	3.0	12.4
yield	t/ha	n.a.	10.0	15.5
Broccoli				
area	ha	320.9	403.3	582.5
production	t	2 264.2	2 732.5	3 666.7
yield	t/ha	7.1	6.8	6.3
Brussel sprouts				
area	ha	66.4	43.3	59.5
production	t	952.6	696.6	974.2
yield	t/ha	14.3	16.1	16.4
Cabbages				
area	ha	89.9	83.6	94.5
production	t	2 776.4	2 484.7	2 317.9
yield	t/ha	30.9	29.7	24.5
Carrots				
area	ha	357.0	425.4	458.6
production	t	19 422.0	21 539.8	21 255.8
yield	t/ha	54.4	50.6	46.3
Cauliflower				
area	ha	276.7	308.0	306.3
production	t	4 559.9	4 928.4	4 360.5
yield	t/ha	16.5	16.0	14.2
Celery				
area	ha	17.2	24.0	21.1
production	t	762.3	790.0	531.1
yield	t/ha	44.3	32.9	25.2
Cucumber				
area	ha	2.0	2.0	1.3
production	t	109.6	108.6	89.4
yield	t/ha	54.8	54.3	68.8
Green peas (pod weight)				
area	ha	7 268.1	6 040.9	6 105.0
production	t	77 855.4	37 946.0	65 671.0
yield	t/ha	10.7	6.3	10.8
Leeks				
area	ha	3.4	5.3	7.6
production	t	43.1	45.9	34.4
yield	t/ha	12.7	8.7	4.5
Lettuces				
area	ha	93.5	85.8	103.5
production	t	1 336.2	1 697.2	1 891.0
yield	t/ha	14.3	19.8	18.3
Mushrooms				
area	ha	1.9	1.6	1.6
production	t	457.0	503.3	644.0
yield	t/ha	240.5	314.6	402.5
Onions — white and brown				
area	ha	1 250.2	1 482.1	1 632.3
production	t	70 709.1	73 536.9	91 119.2
yield	t/ha	56.6	49.6	55.8
Parsnips				
area	ha	24.9	36.3	26.7
production	t	447.2	484.6	447.0
yield	t/ha	18.0	13.3	16.7
Potatoes				
area	ha	6 862.8	6 067.8	7 565.2
production	t	291 422.7	255 737.8	302 034.8
yield	t/ha	42.5	42.1	39.9

(a) Asparagus is a perennial crop and as such yield cannot be calculated meaningfully.

	Units	1994	1995	1996
Pumpkins				
area	ha	159.9	107.3	111.6
production	t	2 405.7	2 164.6	1 903.2
yield	t/ha	15.0	20.2	17.1
Spring onions				
area	ha	30.8	22.5	15.6
production	t	449.0	341.1	190.1
yield	t/ha	14.6	15.2	12.2
Swedes				
area	ha	160.9	227.0	253.0
production	t	2 494.7	3 799.2	5 066.8
yield	t/ha	15.5	16.7	20.0
Sweet corn				
area	ha	354.7	345.0	386.7
production	t	5 245.8	6 107.7	6 883.8
yield	t/ha	14.8	17.7	17.8
Tomatoes				
area	ha	22.0	14.0	14.6
production	t	863.4	831.2	761.7
yield	t/ha	39.2	59.4	52.2

	Units	Greater Hobart and Southern	Northern	Mersey-Lyell
Asparagus(a)				
area	ha	0.5	2.0	8.5
production	t	0.2	2.0	18.3
Beans — French and runner				
area	ha	82.4	415.6	1 169.7
production	t	257.2	1 344.5	7 851.6
yield	t/ha	3.1	3.2	6.7
Beetroot				
area	ha	0.7	0.1	—
production	t	11.4	1.0	—
yield	t/ha	16.3	10.0	—
Broccoli				
area	ha	35.5	89.5	457.5
production	t	215.5	704.9	2 746.3
yield	t/ha	6.1	7.9	6.0
Brussel sprouts				
area	ha	—	6.5	53.0
production	t	—	94.1	880.1
yield	t/ha	—	14.5	16.6
Cabbages				
area	ha	20.8	15.8	57.9
production	t	267.2	259.8	1 790.9
yield	t/ha	12.8	16.4	30.9
Carrots				
area	ha	9.0	85.5	364.1
production	t	99.5	4 140.2	17 016.1
yield	t/ha	11.1	48.4	46.7
Cauliflower				
area	ha	25.9	45.8	234.6
production	t	288.7	656.3	3 415.5
yield	t/ha	11.1	14.3	14.6
Celery				
area	ha	—	—	21.1
production	t	—	—	531.1
yield	t/ha	—	—	25.2
Cucumber				
area	ha	0.5	0.5	0.3
production	t	45.2	6.8	37.4
yield	t/ha	90.4	13.6	124.6
Green peas (pod weight)				
area	ha	535.8	3 384.4	2 184.8
production	t	6 494.7	30 992.2	28 184.1
yield	t/ha	12.1	9.2	12.9
Leeks				
area	ha	1.1	0.5	6.0
production	t	2.5	2.5	29.4
yield	t/ha	2.3	5.0	4.9
Lettuces				
area	ha	59.0	13.0	31.5
production	t	1 602.5	85.1	203.4
yield	t/ha	27.2	6.5	6.5
Mushrooms				
area	ha	0.4	—	1.2
production	t	300.0	—	344.0
yield	t/ha	750.0	—	286.7
Onions — white and brown				
area	ha	59.0	377.5	1 195.8
production	t	2 254.0	18 661.2	70 204.0
yield	t/ha	38.2	49.4	58.7
Parsnips				
area	ha	—	7.7	19.0
production	t	—	67.0	380.0
yield	t/ha	—	8.7	20.0
Potatoes				
area	ha	176.1	2 046.5	5 342.6
production	t	4 811.6	79 066.7	218 156.5
yield	t/ha	27.3	38.6	40.8

(a) Asparagus is a perennial crop and as such yield cannot be calculated meaningfully.

	Units	Greater Hobart and Southern	Northern	Mersey-Lyell
Pumpkins				
area	ha	9.0	19.6	83.0
production	t	83.2	244.2	1 575.8
yield	t/ha	9.2	12.5	19.0
Spring onions				
area	ha	2.4	—	13.2
production	t	15.9	—	174.1
yield	t/ha	6.6	—	13.2
Swedes				
area	ha	18.4	45.7	188.9
production	t	136.9	878.7	4 051.2
yield	t/ha	7.4	19.2	21.4
Sweet corn				
area	ha	5.5	66.8	314.4
production	t	64.3	1 046.6	5 772.9
yield	t/ha	11.7	15.7	18.4
Tomatoes				
area	ha	8.4	3.8	2.4
production	t	416.3	191.1	154.3
yield	t/ha	49.6	50.3	64.3

GROSS VALUE OF VEGETABLES FOR HUMAN CONSUMPTION, Years ended 31 March

	1994	1995 ^r	1996 ^p
	\$m	\$m	\$m
Asparagus	—	0.2	0.1
Beans — French and runner	3.2	3.6	4.7
Broccoli	—	2.8	5.0
Cabbages and brussel sprouts	2.4	1.2	2.5
Carrots	4.0	4.8	4.6
Cauliflower	2.8	2.8	2.6
Celery	0.4	0.6	0.2
Green peas	10.6	12.1	9.9
Lettuces	1.3	2.3	1.7
Onions — white and brown	17.8	16.8	19.9
Potatoes	60.5	52.2	62.6
Pumpkins	0.6	0.7	0.5
Tomatoes	1.4	0.9	1.1
Other vegetables	10.0	9.5	15.0
Total	115.0	109.8	130.4

AREA OF NURSERIES, CUT FLOWERS AND CULTIVATED TURF, Year ended 31 March 1996

Statistical division	Nurseries	Cut flowers	Cultivated turf
	ha	ha	ha
Greater Hobart and Southern	42.6	16.3	n.p.
Northern	11.3	17.7	n.p.
Mersey-Lyell	57.9	20.5	n.p.
Tasmania			
1986	111.8	54.5	n.p.
1995	141.0	121.0	n.p.

AREA OF SHADE AND GLASSHOUSES, Year ended 31 March 1996

Statistical division	NURSERY.....		FLOWERS.....		TOTAL.....	
	Shadehouse	Glasshouse	Shadehouse	Glasshouse	Shadehouse	Glasshouse
	square metres	square metres	square metres	square metres	square metres	square metres
Greater Hobart and Southern	25 724	21 630	10 622	11 745	36 346	33 375
Northern	8 656	10 483	7 226	25 646	15 882	36 129
Mersey-Lyell	7 530	18 462	7 410	23 990	14 940	42 452
Tasmania	41 910	50 575	25 258	61 381	67 168	111 956

TOTAL PURCHASE AND SALES VALUE OF PLANTS, Year ended 31 March 1996

<i>Statistical division</i>	<i>Value of plant material purchased</i>	<i>Sales of greenstock(a)</i>	<i>Gross receipts from sales(b)</i>
	\$'000	\$'000	\$'000
Greater Hobart and Southern	495.1	3 677.6	2 085.1
Northern	319.4	628.2	1 168.8
Mersey-Lyell	852.0	4 587.2	1 780.1
Tasmania	1 666.6	8 892.9	5 034.0

(a) Sales of greenstock from nursery activity (excludes sales of cut flowers and cultivated turf).

(b) Gross receipts from sales of cut flowers only.

36

MEAT CATTLE NUMBERS, AT 31 March 1996

Statistical division	<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	%
Greater Hobart and Southern	2.3	45.1	29.6	7.6	84.6	16.2
Northern	5.3	102.0	66.2	42.9	216.3	41.5
Mersey-Lyell	4.1	86.1	63.7	66.1	220.0	42.2
Tasmania						
1996	11.7	233.2	159.5	116.7	521.0	100.0
1995	11.5	223.7	161.7	111.1	507.4	100.0
1994	11.6	244.5	156.7	94.5	507.3	100.0

37

ESTABLISHMENTS WITH MEAT CATTLE, At 31 March 1996

Statistical division	<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 establishments with meat cattle</i>
	no.	no.	no.	no.	no.	%
Greater Hobart and Southern	517	602	568	367	665	20.5
Northern	906	1 036	1 013	829	1 219	37.6
Mersey-Lyell	810	956	974	1 000	1 360	41.9
Tasmania						
1996	2 233	2 594	2 555	2 196	3 244	100.0
1995	2 289	2 580	2 591	2 073	3 265	100.0
1994	2 371	2 705	2 589	1 682	3 339	100.0

NUMBER OF ESTABLISHMENTS AND MEAT CATTLE BY HERD SIZE, At 31 March

Herd size	1995		1996	
	<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	700	21.4	651	20.1
30-49	461	14.1	469	14.5
50-69	371	11.4	351	10.8
70-99	405	12.4	409	12.6
100-149	414	12.7	429	13.2
150-199	260	8.0	262	8.1
200-299	245	7.5	255	7.9
300-399	120	3.7	122	3.8
400-499	89	2.7	90	2.8
500-699	95	2.9	93	2.9
700-999	56	1.7	56	1.7
1,000-1,499	25	0.8	32	1.0
1,500-1,999	9	0.3	14	0.4
2,000-4,999	14	0.4	11	0.3
5,000-9,999	1	—	—	—
10,000 and over	—	—	—	—
Total	3 265	100.0	3 244	100.0

Herd size	1995		1996	
	<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	9.9	2.0	10.2	2.0
30-49	17.7	3.5	18.3	3.5
50-69	21.8	4.3	20.7	4.0
70-99	33.4	6.6	34.1	6.5
100-149	50.3	9.9	52.4	10.1
150-199	44.7	8.8	45.0	8.6
200-299	59.6	11.7	61.1	11.7
300-399	41.1	8.1	42.0	8.1
400-499	39.6	7.8	40.4	7.8
500-699	56.4	11.1	54.6	10.5
700-999	46.3	5.6	45.9	8.8
1,000-1,499	28.6	3.0	37.7	7.2
1,500-1,999	15.2	7.3	24.3	4.7
2,000-4,999	37.1	1.1	34.3	6.6
5,000-9,999	5.6	—	—	—
10,000 and over	—	—	—	—
Total	507.4	100.0	521.0	100.0

39

MILK CATTLE NUMBERS, At 31 March 1996

Statistical division	Cows in milk and dry	Other milk cattle	Total milk cattle(a)	Percentage of total milk cattle herd
	'000	'000	'000	%
Greater Hobart and Southern	4.4	2.1	6.5	3.3
Northern	46.2	26.1	72.4	36.8
Mersey-Lyell	79.0	38.8	117.8	59.9
Tasmania				
1996	129.6	67.0	196.6	100.0
1995	118.9	66.4	185.3	100.0
1994	112.5	59.1	171.6	100.0

(a) Excludes house cows.

40

ESTABLISHMENTS WITH MILK CATTLE, At 31 March 1996(a)

Statistical division	Cows in milk and dry	Other milk cattle	Total establishments with milk cattle	Percentage of establishments with milk cattle
	no.	no.	no.	%
Greater Hobart and Southern	42	34	46	5.0
Northern	282	281	312	33.7
Mersey-Lyell	503	503	567	61.3
Tasmania				
1996	827	818	925	100.0
1995	823	836	895	100.0
1994	845	899	936	100.0

(a) Excludes house cows.

NUMBER OF ESTABLISHMENTS AND MILK CATTLE BY HERD SIZE, At 31 March(a)

Herd size	1995		1996	
	<i>Establishments</i>	<i>Percentage of establishments with milk cattle</i>		<i>Percentage of establishments with milk cattle</i>
	no.	%	no.	%
1-49	110	12.3	141	15.2
50-99	136	15.2	137	14.8
100-149	168	18.8	152	16.4
150-199	127	14.2	122	13.2
200-249	101	11.3	99	10.7
250-299	88	9.8	78	8.4
300-349	58	6.5	70	7.6
350-399	21	2.3	36	3.9
400-499	43	4.8	35	3.8
500 and over	43	4.8	55	5.9
Total	895	100.0	925	100.0

Herd size	1995		1996	
	<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	2.5	1.3	3.1	1.6
50-99	9.9	5.3	10.0	5.1
100-149	20.6	11.1	18.7	9.5
150-199	21.9	11.8	21.2	10.8
200-249	22.6	12.2	22.0	11.2
250-299	24.0	13.0	21.4	10.9
300-349	18.6	10.0	22.3	11.3
350-399	7.8	4.2	13.3	6.8
400-499	19.0	10.3	15.3	7.8
500 and over	38.2	20.6	49.4	25.1
Total	185.4	100.0	196.6	100.0

(a) Excludes house cows.

42

NUMBER OF SHEEP AND LAMBS, At 31 March 1996

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	%
Greater Hobart and Southern	700.7	441.3	554.1	1 696.1	43.9
Northern	850.1	501.7	642.0	1 993.9	51.6
Mersey-Lyell	81.1	50.9	40.3	172.3	4.5
Tasmania					
1996	1 631.9	993.9	1 236.5	3 862.3	100.0
1995	n.c.	937.1	n.c.	3 852.9	100.0
1994	n.c.	1 099.4	n.c.	4 323.9	100.0

43

ESTABLISHMENTS WITH SHEEP AND LAMBS, At 31 March 1996

Statistical division	Breeding ewes (1 year and over)	Lambs and hoggets (under 1 year)	All other sheep	Total sheep and lambs	Percentage of establishments with sheep and lambs
	no.	no.	no.	no.	%
Greater Hobart and Southern	605	560	627	667	33.2
Northern	841	750	865	930	46.2
Mersey-Lyell	344	260	351	415	20.6
Tasmania					
1996	1 790	1 570	1 843	2 012	100.0
1995	n.c.	1 646	n.c.	2 058	100.0
1994	n.c.	1 766	n.c.	2 234	100.0

NUMBER OF ESTABLISHMENTS AND SHEEP AND LAMBS BY FLOCK SIZE, At 31 March

Flock size	1995		1996	
	Establishments no.	Percentage of establishments with sheep and lambs %	Establishments no.	Percentage of establishments with sheep and lambs %
1-499	988	48.0	957	47.6
500-999	262	12.7	280	13.9
1 000-1 499	174	8.5	163	8.1
1 500-1 999	103	5.0	89	4.4
2 000-2 499	86	4.2	77	3.8
2 500-2 999	67	3.3	65	3.2
3 000-3 999	84	4.1	93	4.6
4 000-4 999	65	3.2	59	2.9
5 000-5 999	60	2.9	64	3.2
6 000-6 999	40	1.9	31	1.5
7 000-7 999	20	1.0	26	1.3
8 000-8 999	26	1.3	16	0.8
9 000-9 999	16	0.8	22	1.1
10 000 and over	67	3.3	70	3.5
Total	2 058	100.0	2 012	100.0

Flock size	1995		1996	
	Number of sheep and lambs '000	Percentage of total sheep & lambs %	Number of sheep and lambs '000	Percentage of total sheep & lambs %
1-499	185.2	4.8	177.3	4.6
500-999	181.9	4.7	201.1	5.2
1 000-1 499	213.4	5.5	199.7	5.2
1 500-1 999	176.4	4.6	153.4	4.0
2 000-2 499	192.9	5.0	171.2	4.4
2 500-2 999	183.8	4.8	176.8	4.6
3 000-3 999	292.0	7.6	322.8	8.4
4 000-4 999	295.0	7.7	262.0	6.8
5 000-5 999	326.2	8.5	353.1	9.1
6 000-6 999	256.9	6.7	196.9	5.1
7 000-7 999	150.8	3.9	196.4	5.1
8 000-8 999	219.6	5.7	135.9	3.5
9 000-9 999	152.3	4.0	205.8	5.3
10 000 and over	1 026.6	26.6	1 110.2	28.7
Total	3 852.9	100.0	3 862.3	100.0

LAMBING EXPECTATIONS YEAR ENDED 31 MARCH 1997(c)

Statistical division	Ewes mated(a)	Lambs marked	Lamb marking ratio(b)	Joined to merino rams	Joined to other rams	Total
	'000	'000	%	'000	'000	'000
Greater Hobart and Southern	620.6	536.1	86.4	423.4	233.5	656.9
Northern	764.1	643.3	84.2	487.9	314.0	802.0
Mersey-Lyell	78.2	78.2	100.0	19.0	60.3	79.3
Tasmania						
1996	1 463.0	1 257.5	86.0	930.4	607.8	1 538.2
1995	1 535.0	1 233.6	80.4	917.1	542.8	1 459.9
1994	1 636.4	1 402.2	85.7	n.a.	n.a.	n.a.

(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 1995-96 season.

Statistical division	Total establishments	Percentage of establishments with pigs	Total pigs	Percentage of total pigs
	no.	%	no.	%
Greater Hobart and Southern	26	21.3	1 884	7.1
Northern	54	44.3	20 581	77.8
Mersey-Lyell	42	34.4	3 984	15.1
Tasmania				
1996	122	100.0	26 449	100.0
1995	151	100.0	38 113	100.0
1994	181	100.0	45 521	100.0

(a) Includes suckers, weaners, growers etc.

NUMBER OF ESTABLISHMENTS AND PIGS BY HERD SIZE(a), At 31 March

Herd size	1995.....		1996	
	<i>Establishments</i> no.	<i>Percentage of establishments with pigs</i> %	<i>Establishments</i> no.	<i>Percentage of establishments with pigs</i> %
1-9	44	29.1	34	27.9
10-19	29	19.2	27	22.1
20-29	10	6.6	8	6.6
30-39	7	4.6	3	2.5
40-49	5	3.3	3	2.5
50-69	12	7.9	6	4.9
70-99	5	3.3	6	4.9
100-149	10	6.6	4	3.3
150-199	2	1.3	5	4.1
200-299	6	4.0	8	6.6
300-499	7	4.6	9	7.4
500-699	4	2.6	3	2.5
700-999	2	1.3	—	—
1 000 and over	8	5.3	6	4.9
Total	151	100.0	122	100.0

Herd size	1995		1996	
	<i>Number of pigs</i> no.	<i>Percentage of total pigs</i> %	<i>Number of pigs</i> no.	<i>Percentage of total pigs</i> %
1-9	184	0.5	136	0.5
10-19	380	1.0	336	1.3
20-29	244	0.6	182	0.7
30-39	233	0.6	108	0.4
40-49	208	0.5	121	0.5
50-69	693	1.8	337	1.3
70-99	428	1.1	496	1.9
100-149	1 263	3.3	529	2.0
150-199	303	0.8	825	3.1
200-299	1 450	3.8	1 938	7.3
300-499	2 540	6.7	3 083	11.7
500-699	2 112	5.5	1 734	6.6
700-999	1 600	4.2	—	—
1 000 and over	26 475	69.5	16 624	62.9
Total	38 113	100.0	26 449	100.0

(a) Includes suckers, weaners, growers etc.

48

POULTRY, NUMBER ON HOLDING, At 31 March 1996

Statistical division	LAYERS			OTHER POULTRY	
	<i>Hens for egg production for human consumption</i>	<i>Replacement stock</i>	<i>Breeding Stock</i>	<i>Ducks</i>	<i>Turkeys</i>
	'000	'000	000	'000	'000
Greater Hobart and Southern	103.6	33.1	—	—	—
Northern	70.0	12.0	1.0	—	—
Mersey-Lyell	25.8	17.8	—	—	1.5
Tasmania	199.3	62.9	1.0	0.1	1.5

49

POULTRY, NUMBER DISPOSED OF, Year ended 31 March 1996

Statistical division	LAYERS			EGGS.....	PROCESSED POULTRY SOLD		
	<i>Hens for egg production for human consumption</i>	<i>Replacement stock</i>	<i>Breeding stock</i>		<i>For human consumption</i>	<i>Reared on holding</i>	<i>Other processed poultry sold</i>
	'000	'000	000	000	'000 dozens	'000	'000
Greater Hobart and Southern	79.1	—	4.5	25.0	2 177.1	256.9	—
Northern	57.4	—	1.0	0.2	1 442.8	0.6	0.3
Mersey-Lyell	24.5	—	—	50.0	531.8	236.2	—
Tasmania	161.0	—	5.5	75.2	4 151.6	493.6	0.3

<i>Statistical division</i>	ESTABLISHMENTS		LIVESTOCK	
	<i>Deer</i> no.	<i>Horses for breeding(a)</i> no.	<i>Deer</i> no.	<i>Horses for breeding(a)</i> no.
Greater Hobart and Southern	27	45	7 098	383
Northern	28	76	6 964	652
Mersey-Lyell	14	48	2 867	335
Tasmania				
1996	69	169	16 929	1 370
1995	72	157	18 061	1 238
1994	74	183	21 087	1 806

(a) Comprises horses on establishments with agricultural activity.

	<i>Dairy bulls</i>	<i>Beef bulls</i>	<i>Other cattle</i>	<i>Pigs</i>
<i>Statistical division</i>	'000	'000	'000	'000
Greater Hobart and Southern	0.0	0.3	36.2	5.9
Northern	0.1	1.0	102.7	34.7
Mersey-Lyell	0.4	0.7	127.5	12.6
Tasmania				
1996	0.5	1.9	266.4	53.2
1995	0.6	2.0	264.2	77.8
1994	0.5	2.4	265.4	83.0

	<i>Lambs and hoggets</i>	<i>All other sheep</i>	<i>Horses</i>	<i>Deer</i>
<i>Statistical division</i>	'000	'000	'000	'000
Greater Hobart and Southern	175.8	270.3	0.1	2.2
Northern	257.9	341.2	0.1	2.4
Mersey-Lyell	74.4	43.6	0.0	0.8
Tasmania				
1996	508.1	655.1	0.2	5.4
1995	521.9	743.5	0.2	6.7
1994	521.6	802.7	0.3	3.4

	Units	1994	1995	1996
Number of livestock slaughtered(a)(b)				
Cattle	'000	188.9	199.3	193.6
Calves	'000	23.3	26.3	41.9
Lambs	'000	427.9	479.1	433.4
Pigs	'000	95.8	94.0	86.0
Sheep	'000	519.3	582.7	418.4
Meat produced(a)(c)				
Beef	tonnes	47 242.7	49 261.8	46 254.6
Lamb	tonnes	6 886.4	8 247.8	8 054.2
Mutton	tonnes	9 854.3	11 317.1	8 751.4
Pig	tonnes	5 912.0	6 108.0	5 591.0
Veal	tonnes	512.5	888.1	1 114.5
Whole milk intake by factories(d)				
	million litres	454	446	485
Wool(e)				
Brokers and dealer receivals of taxable wool	tonnes	18 607.3	18 201.3	15 605.9
Eggs produced	'000 dozen	3 755.2	4 098.5	4 151.6
Honey produced	'000 kg	632.0	979.0	741.2

(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.

53

GROSS VALUE OF LIVESTOCK PRODUCTS & OTHER DISPOSALS, Years ended 31 March

	1994	1995r	1996p
	\$m	\$m	\$m
Livestock slaughterings(a)			
Cattle and calves	112.5	106.1	77.5
Sheep and lambs(b)	13.9	11.7	18.9
Other	12.0	21.7	21.6
Total	138.4	139.5	118.0
Wool			
Shorn and crutched	71.7	102.4	66.7
Other(c)	2.5	4.4	2.4
Total	74.2	106.8	69.1
Production of milk			
Human consumption	24.5	26.7	26.7
Manufacturing	102.4	80.8	121.8
Total	126.8	107.5	148.5
Eggs	7.2	7.7	9.3
Honey and beeswax	1.0	2.1	2.2

(a) Includes net exports of livestock.

(b) Excludes value of wool on skins.

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

54

BEEKEEPING, SUMMARY STATISTICS, Years ended 30 June

	Units	1994	1995	1996p
Number of apiarists	no.	32	30	29
Beehives				
Productive(a)	no.	10 474	12 860	12 852
Unproductive	no.	1 766	2 038	1 433
Total	no.	12 240	14 898	14 285
Honey produced				
Quantity	kg	623 082	978 978	741 177
Average production(b)	kg/hive	59.5	76.1	57.7
Beeswax produced	kg	8 933	12 952	12 589

(a) Beehives from which honey was taken.

(b) Average production per productive beehive.

POULTRY 0141-0142

FRUIT 0114-0119

Items	1993-94		1994-95		1993-94		1994-95	
	\$m	SE %	\$m	SE %	\$m	SE %	\$m	SE %
Sales from crops	0.8	1	n.p.	n.p.	44.4	13	67.1	33
Sales from livestock	0.7	45	n.p.	n.p.	0.7	42	0.8	48
Sales from livestock products	9.3	18	n.p.	n.p.	0.3	20	0.2	0
Turnover	11.3	13	n.p.	n.p.	49.8	14	74.4	31
Purchases and selected expenses	6.7	14	n.p.	n.p.	29.7	13	44.8	48
Value added(a)	4.6	12	n.p.	n.p.	20.4	17	29.5	13
Adjusted value added(a)	4.1	12	n.p.	n.p.	18.1	19	25.7	14
Gross operating surplus(a)	1.9	11	n.p.	n.p.	7.2	33	10.3	49
Interest paid	0.2	55	n.p.	n.p.	0.9	33	2.7	33
Cash operating surplus(b)	1.9	11	n.p.	n.p.	5.9	41	8.4	60
Gross indebtedness	5.2	22	n.p.	n.p.	12.6	33	31.7	43
Total net capital expenditure	0.3	31	n.p.	n.p.	2.1	37	1.4	50

VEGETABLES 0113

GRAIN-SHEEP/BEEF CATTLE 0122

Items	1993-94		1994-95		1993-94		1994-95	
	\$m	SE %	\$m	SE %	\$m	SE %	\$m	SE %
Sales from crops	96.4	9	87.4	13	1.1	*	0.8	29
Sales from livestock	26.8	35	14.7	33	0.3	88	0.6	30
Sales from livestock products	2.2	50	7.1	67	0.4	38	1.0	23
Turnover	136.2	11	121.5	14	2.6	85	2.6	23
Purchases and selected expenses	76.0	13	64.3	14	1.7	96	1.7	20
Value added(a)	61.6	14	57.2	16	1.0	65	2.0	38
Adjusted value added(a)	54.9	14	50.9	17	0.8	64	1.7	41
Gross operating surplus(a)	39.7	19	32.5	20	0.8	66	1.5	45
Interest paid	8.4	25	6.2	31	0.3	78	0.2	22
Cash operating surplus(b)	29.7	24	27.2	25	0.4	*	0.2	*
Gross indebtedness	111.0	23	60.8	30	3.2	69	1.8	17
Total net capital expenditure	11.2	24	8.7	31	0.1	56	0.2	39

(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).

SHEEP-BEEF CATTLE 0123

SHEEP 0124

Items	1993-94		1994-95		1993-94		1994-95	
	\$m	SE %	\$m	SE %	\$m	SE %	\$m	SE %
Sales from crops	1.1	37	0.5	71	13.9	50	7.8	53
Sales from livestock	29.1	20	17.2	32	17.9	14	20.0	29
Sales from livestock products	21.6	18	13.5	34	44.9	13	50.0	25
Turnover	58.9	17	36.5	28	82.5	14	84.3	20
Purchases and selected expenses	32.6	15	18.7	25	47.0	19	47.4	18
Value added(a)	27.9	20	13.0	39	32.7	19	36.1	25
Adjusted value added(a)	22.8	23	10.4	43	24.4	26	29.8	28
Gross operating surplus(a)	12.9	29	6.0	48	10.5	54	20.3	33
Interest paid	5.3	19	2.3	49	11.2	20	10.4	28
Cash operating surplus(b)	6.9	62	9.0	43	2.3	*	9.7	68
Gross indebtedness	59.6	16	13.0	48	114.6	18	102.2	31
Total net capital expenditure	9.7	36	1.4	31	3.5	40	7.5	37

BEEF CATTLE 0125

DAIRY CATTLE 0130

Items	1993-94		1994-95		1993-94		1994-95	
	\$m	SE %	\$m	SE %	\$m	SE %	\$m	SE %
Sales from crops	4.0	56	0.8	25	9.8	40	8.7	54
Sales from livestock	62.2	18	44.8	22	26.8	37	14.3	19
Sales from livestock products	0.7	27	1.4	62	96.5	9	90.3	12
Turnover	73.0	17	55.6	19	139.7	11	120.7	11
Purchases and selected expenses	50.9	20	32.5	21	84.8	14	71.6	10
Value added(a)	23.9	13	9.6	39	55.1	10	66.7	16
Adjusted value added(a)	19.3	15	6.1	56	48.7	11	60.5	17
Gross operating surplus(a)	15.2	18	3.2	*	35.5	13	46.3	24
Interest paid	2.3	24	3.0	43	5.4	25	8.2	28
Cash operating surplus(b)	11.7	31	14.5	29	31.4	19	21.0	38
Gross indebtedness	44.3	29	46.1	38	81.8	28	121.7	19
Total net capital expenditure	-0.8	*	1.8	32	27.1	24	18.7	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).

PIGS 0151 OTHER AGRICULTURE 0111-0112, 0152-0159, 0169

Items	1993-94		1994-95		1993-94		1994-95	
	\$m	SE %	\$m	SE %	\$m	SE %	\$m	SE %
Sales from crops	0.8	32	0.4	37	25.3	15	19.6	6
Sales from livestock	10.4	10	7.6	13	0.7	6	4.8	27
Sales from livestock products	0.1	33	0.5	50	0.6	65	37.0	43
Turnover	11.8	10	9.3	12	30.9	13	65.5	26
Purchases and selected expenses	9.0	10	6.1	12	14.0	19	33.4	27
Value added(a)	2.9	9	2.9	17	17.1	10	26.7	28
Adjusted value added(a)	2.4	9	2.5	*	14.9	10	22.0	31
Gross operating surplus(a)	1.5	15	1.9	*	7.1	14	8.1	50
Interest paid	0.5	37	0.4	37	2.3	17	5.1	20
Cash operating surplus(b)	0.9	22	1.9	18	4.8	17	5.9	54
Gross indebtedness	5.0	24	5.9	31	43.1	16	78.9	16
Total net capital expenditure	0.4	38	0.5	28	1.1	18	1.5	28

AGRICULTURE ALL INDUSTRIES

Items	1993 94		1994-95	
	\$m	SE %	\$m	SE %
Sales from crops	197.7	7	193.2	13
Sales from livestock	175.5	10	124.8	9
Sales from livestock products	176.6	6	201.0	11
Turnover	596.7	4	570.6	6
Purchases and selected expenses	352.3	6	320.4	8
Value added(a)	247.2	5	243.8	7
Adjusted value added(a)	210.5	6	209.5	8
Gross operating surplus(a)	132.3	9	130.1	12
Interest paid	36.9	9	38.4	11
Cash operating surplus(b)	95.9	14	97.8	14
Gross indebtedness	480.5	9	462.1	10
Total net capital expenditure	54.7	16	41.6	17

(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).

AGGREGATES

Items	1990-91		1991-92		1992-93	
	\$m	SE %	\$m	SE %	\$m	SE %
Sales from crops	131.4	6	161.5	7	193.8	7
Sales from livestock	123.7	5	111.6	7	125.1	7
Sales from livestock products	189.6	5	166.9	4	172.8	5
Turnover	484.7	3	481.7	4	525.8	4
Purchases and selected expenses	270.8	3	274.4	4	304.7	4
Value added(a)	184.3	5	210.6	6	201.8	5
Adjusted value added(a)	152.6	6	179.9	7	168.6	6
Gross operating surplus(a)	93.3	9	121.6	9	103.0	10
Interest paid	54.3	8	53.3	8	45.5	8
Cash operating surplus(b)	80.8	12	69.2	16	77.1	13
Gross indebtedness	404.0	9	473.7	10	472.2	8
Total net capital expenditure	37.2	10	28.6	17	41.6	14

AGGREGATES

Items	1993-94		1994-95		1995-96p	
	\$m	SE %	\$m	SE %	\$m	SE %
Sales from crops	197.7	7	193.2	13	307.7	24
Sales from livestock	175.5	10	124.8	9	153.6	19
Sales from livestock products	176.6	6	201.0	11	171.9	12
Turnover	596.7	4	570.6	6	706.4	11
Purchases and selected expenses	352.4	6	320.4	7	394.3	13
Value added(a)	247.2	5	243.8	7	n.y.a.	n.y.a.
Adjusted value added(a)	210.5	6	209.5	8	n.y.a.	n.y.a.
Gross operating surplus(a)	132.3	9	130.1	12	n.y.a.	n.y.a.
Interest paid	36.9	9	38.4	11	n.y.a.	n.y.a.
Cash operating surplus(b)	96.0	14	97.8	14	127.0	18
Gross indebtedness	480.5	9	462.1	10	n.y.a.	n.y.a.
Total net capital expenditure	54.7	16	41.6	17	n.y.a.	n.y.a.

(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).

AVERAGES

Items	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96p
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Sales from crops	43.4	50.5	61.8	62.8	62.8	n.y.a.
Sales from livestock	40.9	34.9	39.9	55.7	40.5	n.y.a.
Sales from livestock products	62.7	52.2	55.1	56.1	65.3	n.y.a.
Turnover	160.2	150.8	167.6	189.5	185.4	n.y.a.
Purchases and selected expenses	89.5	85.9	97.1	111.9	104.1	n.y.a.
Value added(a)	60.9	65.9	64.3	78.5	79.2	n.y.a.
Adjusted value added(a)	50.4	56.3	53.7	66.8	68.1	n.y.a.
Gross operating surplus(a)	30.8	38.0	32.8	42.0	42.3	n.y.a.
Interest paid	18.0	16.7	14.5	11.7	12.5	n.y.a.
Cash operating surplus(b)	26.7	21.7	24.6	30.5	31.8	n.y.a.
Gross indebtedness	133.6	148.3	150.5	152.6	150.1	n.y.a.
Total net capital expenditure	12.3	9.0	13.3	17.4	13.5	n.y.a.

(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

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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:

- 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, 2, 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 slaughterings, 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 1996 (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 turnoff 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 1995-96 season relates to the harvesting period October 1995 to February 1996.

EXPLANATORY NOTES *continued*

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Statistics of other crops which in some States are harvested after 31 March 1996 (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. More detailed information is published monthly in *Livestock Products, Australia* (7215.0).

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. These data are published monthly in *Livestock Products, Australia* (7215.0).

17 The wool estimates contained in table 53 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). More detailed information is published monthly in *Livestock Products, Australia*, (7215.0).

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.

EXPLANATORY NOTES *continued*

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).

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 and floppy disk. AgStats on floppy disk 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*

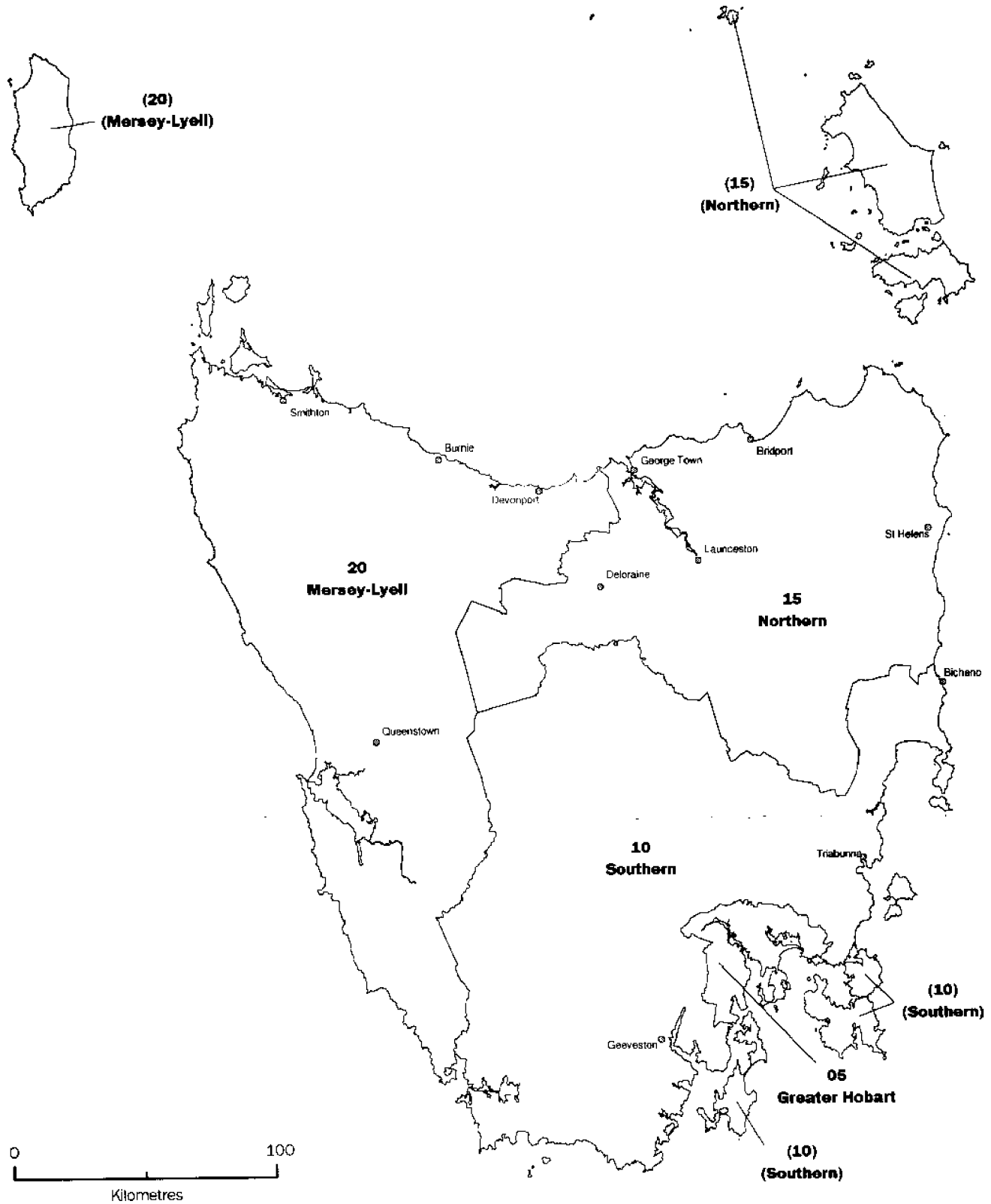
UNPUBLISHED STATISTICS

30 As well as the statistics in this and related publications, the ABS may have other unpublished data available. Enquires should be directed to Ken Watt on (03) 6222 5876.

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.

STATISTICAL DIVISIONS OF TASMANIA *from 1 July 1995*





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