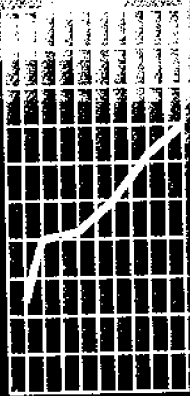




1993-94

# Crops, Pastures and Fruit Victoria

Victoria





April 1995

# **Crops, Pastures and Fruit**

## **Victoria, 1993-94**

**Stuart Jackson**  
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**CONTENTS**

Table	Page
Summary of findings	1
1 Bridging Table - comparison of selected items by EVAO	6

**SECTION I: SUMMARY**

2 Number of establishments with agricultural activity, area, and land utilisation, year ended 31 March 1992 to 1994	7
3 Summary of area of crops, pastures, and fruit, year ended 31 March 1992 to 1994	7
4 Area of principal crops by statistical division, year ended 31 March 1994	8
5 Gross value of crops, pastures, and fruit 1991-92 to 1993-94	9

**SECTION II: CROPS**

**A - CEREALS**

6 Area, production, and yield of cereal crops for grain, year ended 31 March 1992 to 1994	10
7 Area, production, and yield of cereal crops for grain by statistical division, year ended 31 March 1994	11
8 Number of establishments with agricultural activity classified according to area of establishment and area of wheat for grain, at 31 March 1994	12
9 Number of establishments with agricultural activity classified by area of wheat for grain by statistical division, at 31 March 1994	13
10 Number of establishments with agricultural activity classified by area of oats for grain by statistical division, at 31 March 1994	13
11 Number of establishments with agricultural activity classified by area of barley for grain by statistical division, at 31 March 1994	14

**B - VEGETABLES FOR HUMAN CONSUMPTION**

12 Area, production, and yield of vegetables for human consumption, year ended 31 March 1992 to 1994	15
13 Area, production, and yield of mushrooms, year ended 31 March 1992 to 1994	16
14 Area, production, and yield of potatoes, seasons 1992 to 1994	16
15 Number of establishments with agricultural activity classified according to size of potato area planted, by statistical division, season 1994	16
16 Area and production of vegetables for human consumption, by statistical division, year ended 31 March 1994	17

**INQUIRIES**

Inquiries concerning these statistics may be made by telephoning Information Services (Agricultural statistics) on Melbourne (03) 615 7000; for advice on the interpretation of these statistics, ask for Winton McColl. Mail enquiries should be addressed to ABS Information Services, GPO Box 2796Y, Melbourne 3001.

### **C - OTHER CROPS**

17	Area, production, and yield of legumes for grain by statistical division, year ended 31 March 1994	19
18	Area, production, and yield of oilseeds by statistical division, year ended 31 March 1994	20
19	Area and production of miscellaneous crops by statistical division, year ended 31 March 1994	21

### **D - STOCKS OF GRAINS**

20	Cereal grain held at 31 March 1994 by statistical division	22
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## **SECTION III : PASTURES**

### **A - PASTURES AND GRASSES**

21	Area, production, and yield of pastures and grasses, year ended 31 March 1992 to 1994	23
22	Area of sown pastures (legumes, grasses, etc.) by statistical division, at 31 March 1994	23

### **B - STOCKS OF HAY AND SILAGE**

23	Area and production of hay by statistical division, year ended 31 March 1994	24
24	Green feed, silage, and hay, area and production, year ended 31 March 1994, and stocks held at 31 March 1994 by statistical division	24

## **SECTION IV: FRUIT**

25	Orchard fruit and berries area, number of trees and production, seasons 1992 to 1994	25
26	Pome fruit trees by age, and production by statistical division, season 1994	27
27	Citrus fruit trees by age, and production by statistical division, season 1994	28
28	Stone fruit trees by age, and production by statistical division, season 1994	29
29	Nut trees by age, and production by statistical division, season 1994	31
30	Berries and other small fruit by area, and production by statistical division, season 1994	32
31	Apples, number of trees and production by variety, seasons 1993 and 1994	33
32	Pears, number of trees and production by variety, seasons 1993 and 1994	33

## **SECTION V: VITICULTURE**

33	Viticulture, summary, seasons 1992 to 1994	34
34	Area of vines, production of grapes by end use by grape variety, season 1994	35
35	Area of grapevines, production, and average yield by variety, seasons 1992 to 1994	36
36	Area of grapevines at harvest 1994 by statistical division	37
37	Production of grapes by statistical division, season 1994	37

	Approximate times of sowing or planting and harvesting of principal crops	38
	Explanatory Notes	39
	MAP - Statistical Divisions of Victoria	42

## SUMMARY OF FINDINGS

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*Please note that the scope of the Agricultural Census has changed, see paragraphs 2 and 3 of the Explanatory Notes for a complete explanation. The change means that current census results are not directly comparable with previous census results.*

### Cereals for grain

■ The area sown to cereals for grain was 1.7 million hectares, almost 1 per cent higher than in 1992-93. There was a 7 per cent increase in the production of cereals for grain, from 3.6 million to 3.9 million tonnes.

The gross value of cereals for grain increased by 20 per cent from \$601 million in 1992-93 to \$720 million in 1993-94.

■ The area sown to wheat decreased from 821,000 hectares in 1992-93 to 780,000 in 1993-94. Production increased from 2,015,000 to 2,022,000 tonnes in 1993-94.

In 1993-94, the value of wheat production increased by 22 per cent to \$438 million upon the previous year. The average unit price of wheat per tonne decreased from \$222 to \$217.

Wheat accounted for 61 per cent of the total value of cereals for grain production.

### WHEAT PRODUCTION, VICTORIA, YEAR ENDED 31 MARCH (a)



(a) Changes in scope, see Explanatory Notes, paragraph 4

■ The area sown to barley continued to rise, increasing by 16 per cent to 639,000 hectares in 1993-94, indicating the commitment to diversification of activity in farming. Production increased by 24 per cent to 1,386,000 tonnes in the same period.

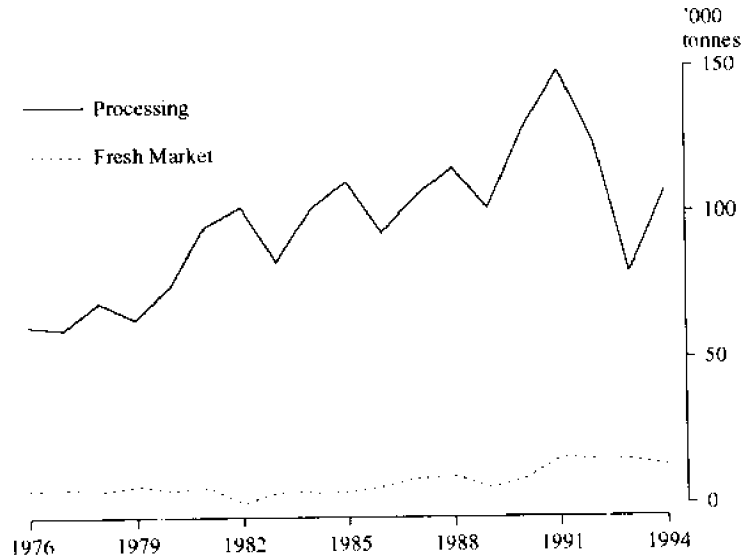
The gross value of barley produced was \$236 million, 30 per cent higher than the previous season.

## Vegetables

■ The area sown to potatoes, including potatoes grown for seed only, remained virtually the same at 14,000 hectares in 1993-94. Production increased from 309,000 to 322,000 tonnes. The number of establishments engaged in growing potatoes decreased from 615 to 593. The gross value of potato production decreased 16 per cent to \$81 million.

■ Tomato production was 120,000 tonnes, 26 per cent higher than the 1992-93 season. The area planted increased from 2,600 hectares to 2,700 hectares.

**TOMATO PRODUCTION, VICTORIA,  
YEAR ENDED 31 MARCH (a)**



(a) Changes in scope, see Explanatory Notes, paragraph 4

■ The decreases in area and production of green peas for processing that commenced in 1989-90 with the closure of processing factories, have continued. The area decreased by 72 per cent to 46 hectares and production decreased by 57 per cent to 228 tonnes.

There was an increase in both the area and production of peas grown for the fresh vegetable market. The area increased by 69 per cent to 235 hectares and the production 84 per cent to 385 tonnes.

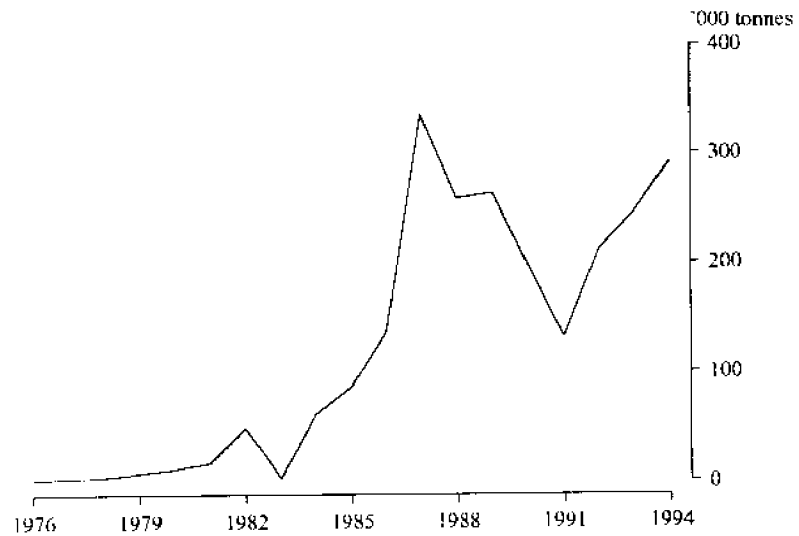
■ The total gross value of vegetables grown in Victoria for 1993-94 was \$317 million, 4 per cent lower than the previous season.

## Legumes for grain

■ The upward trend in the production of legumes for grain has slowed down, increasing 3 per cent from 558,000 to 575,000 tonnes. The crops mainly contributing to the increase were field peas (from 246,000 to 293,000 tonnes) and chick peas (from 127,000 to 146,000 tonnes).



**FIELD PEAS FOR GRAIN PRODUCTION,  
VICTORIA, YEAR ENDED 31 MARCH (a)**



(a) Changes in scope, see Explanatory Notes, paragraph 4

■ Vetch production decreased significantly from 26,000 tonnes and 435 growers in 1992-93 to 9,000 tonnes and 201 growers in 1993-94, because it lost favour in its international markets.

The gross value of legumes for grain was \$140 million in 1993-94, less than 1 per cent lower than the previous year.

#### Industrial Crops

■ The total area of oilseeds increased by 77 per cent in 1993-94 to 66,000 hectares. Production increased by 100 per cent to 83,000 tonnes. Canola represented 44 per cent of the total area of oilseeds and 57 per cent of total production. Safflower represented 45 per cent of the total area, and contributed 30 per cent to the total oilseed production in 1993-94.

■ In 1993-94, hops production increased 14 per cent to 643 tonnes. The area sown to hops increased by 7 per cent to 356 hectares.

■ Production of tobacco decreased 13 per cent to 4,100 tonnes. The area sown to tobacco decreased by 32 per cent to 1,400 hectares.

#### Fodder Crops and Pastures

■ The area of lucerne was 77,000 hectares, a rise of 4 per cent on 1992-93. Of the total area, 46 per cent was used for hay production, and 4 per cent for green feed or silage. Lucerne hay production increased by less than 1 per cent to 191,000 tonnes.

■ Total area and production of hay decreased to 492,000 hectares and 2.0 million tonnes. Grasses and clovers accounted for 80 per cent of both area and production.

The gross value of hay produced from fodder crops and pastures was \$225 million. This was 15 per cent lower than in the 1992-93 season.

## Fruit

■ Fruit production was reduced because of adverse climatic conditions that included serious flooding, hail and frost in the north of the State during the latter part of 1993.

The gross value of fruit, excluding grapes, in Victoria for 1993-94 totalled \$314 million, down 8 per cent on 1992-93.

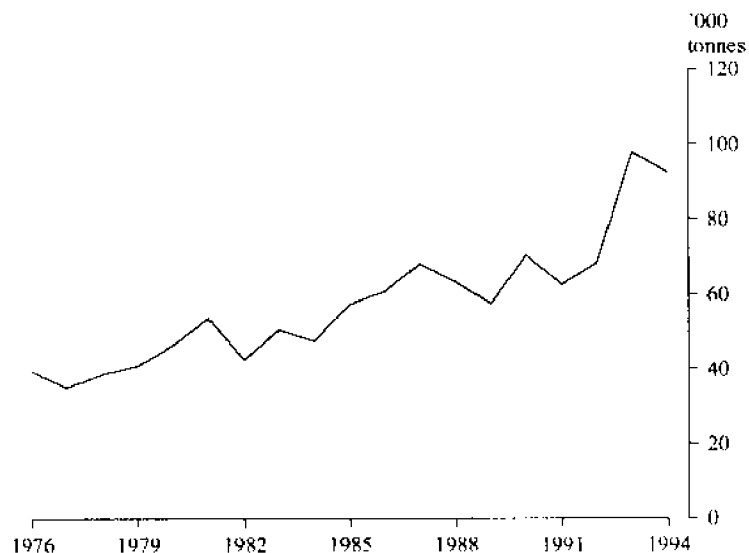
## Pome Fruit

■ Apple production decreased by 14 per cent to 95,000 tonnes, pears (excluding nashi) decreased by 5 per cent, from 141,000 tonnes in 1992-93 to 134,000 tonnes, and nashi production decreased by 15 per cent from 5,600 tonnes in 1992-93 to 4,800 tonnes in 1993-94.

## Citrus Fruit

■ In 1993-94, production of oranges decreased by 6 per cent to 92,000 tonnes, and accounted for 85 per cent of total citrus production. The combined output of Navel and Valencia oranges amounted to 99 per cent of total orange production, contributing 31 per cent and 68 per cent respectively. Similar relativities applied in the 1992-93 season.

#### ORANGE PRODUCTION, VICTORIA YEAR ENDED 31 MARCH (a)



(a) Changes in scope, see Explanatory Notes, paragraph 4

■ Movements in production of other citrus crops were as follows; mandarins up 10 per cent to 4,600 tonnes, tangelos up 89 per cent to 517 tonnes, lemon and lime down 5 per cent to 5,900 tonnes and grapefruit down 6 per cent to 5,600 tonnes.

## Stone and other Orchard Fruit

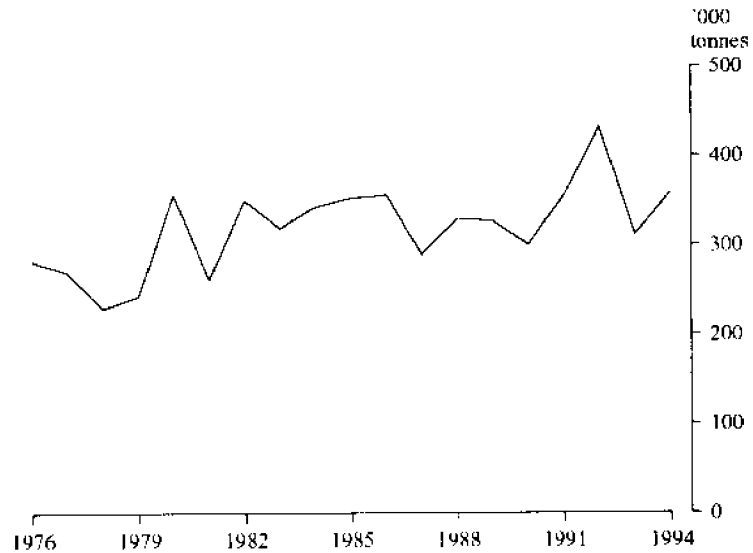
■ Production of stone fruit decreased from 60,000 tonnes in 1992-93 to 54,000 tonnes in 1993-94. Apricot production decreased 41 per cent to 6,000 tonnes and peaches decreased 8 per cent to 34,000 tonnes.

## Viticulture

■ Production of grapes increased by 15 per cent from 311,000 tonnes in 1992-93 to 359,000 tonnes in 1993-94. The area of grapevines increased by 5 per cent to 21,000 hectares.

Production of white cultivars increased by 14 per cent to 317,000 tonnes, and red cultivars increased by 25 per cent to 42,000 tonnes. As in season 1992-93, the majority of grapes produced in 1993-94 were white cultivars, 88 per cent.

**GRAPE PRODUCTION, VICTORIA,  
YEAR ENDED 31 MARCH (a)**



(a) Changes in scope, see Explanatory Notes, paragraph 4

Of total production, 47 per cent were used for wine-making, 46 per cent for drying, and 8 per cent for fresh consumption. Only 45 per cent of white cultivars were used for wine-making, compared to 56 per cent of red cultivars.

■ The gross value of grapes produced in Victoria totalled \$155 million in 1993-94, less than 1 per cent lower than the previous season. Grapes accounted for 33 per cent of the total value of all fruits.

**TABLE 1. BRIDGING TABLE - COMPARISON OF EVAO CUT-OFFS (OF \$5,000+ and \$22,500+) FOR SELECTED CROPS, PASTURE AND FRUIT AT 31 MARCH, 1993-94, VICTORIA**  
(<sup>'000</sup>)

Item	1992-93		1993-94		Percentage comparison of EVAO cut-offs
	EVAO \$22,500+	EVAO \$5,000+	EVAO \$22,500+	EVAO \$5,000+	
	hectares				
<b>Area of crops -</b>					
Wheat	821,243	783,895	771,859		98.5
Barley	551,458	639,493	629,104		98.4
Oats	222,929	185,840	180,370		97.1
Field peas	174,262	199,944	197,325		98.7
<b>Area cut for hay -</b>					
Pure lucerne	34,516	35,248	33,408		94.8
Other pasture	487,940	395,989	377,546		95.3
Oats	50,446	46,075	43,762		95.0
Cereals (excluding oats)	6,075	5,439	5,381		98.9
<b>Area cut for green feed or silage -</b>					
Pure lucerne	1,690	3,102	2,955		95.3
Other pasture	44,181	56,757	55,160		97.2
<b>Area fed off, or cut for green feed or silage -</b>					
Maize	1,578	1,304	1,272		97.5
Cereals (excluding maize)	6,513	6,161	5,267		85.5
<b>Area of vegetables for human consumption -</b>					
Potatoes	11,955	12,005	11,601		96.6
Tomatoes	2,580	2,740	2,699		98.5
	tonnes				
<b>Production of crops -</b>					
Wheat	2,015,185	2,021,886	1,997,817		98.8
Barley	1,116,306	1,386,229	1,367,127		98.6
Oats	403,920	362,006	348,449		96.3
Field peas	246,323	292,550	289,221		98.7
<b>Production cut for hay -</b>					
Pure lucerne	189,925	190,613	181,371		95.2
Other pasture	1,986,194	1,561,011	1,491,601		95.6
Oats	209,664	189,539	181,995		96.0
Cereals (excluding oats)	20,557	16,400	16,168		98.6
<b>Production of vegetables for human consumption -</b>					
Potatoes	309,192	322,147	312,847		97.1
Tomatoes	94,390	120,396	119,082		98.9
<b>Production of fruit -</b>					
Oranges					
- valencia	65,882	63,341	62,944		99.4
- navel	31,227	28,495	27,609		96.9
Apples	109,488	94,657	93,398		98.7
Peaches	36,787	33,875	33,489		98.9
Grapes					
- red	33,777	42,240	41,435		98.1
- white	277,251	316,997	311,927		98.4

## SECTION I: SUMMARY

The following section contains summary tables of the area and land utilisation of establishments with agricultural activity.

**TABLE 2. NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY, AREA, AND LAND UTILISATION, VICTORIA, 1992 TO 1994**  
(\*000 hectares)

<i>Year ended 31 March</i>	<i>Number of establish- ments</i>	<i>Area used for crops (a)</i>	<i>Area under sown pastures and grasses including lucerne (b)</i>	<i>Area under native pastures</i>	<i>Other (c)</i>	<i>Total</i>
1992	31,358	2,039	5,662	2,208	2,466	12,374
1993	31,250	2,258	5,435	2,280	2,298	12,270
1994	37,330	2,317	6,122	2,124	2,454	13,017

(a) Includes area double-cropped. (b) Refer to Table 22 for dissection of lucerne, other sown pasture. (c) Land lying idle, fallow, etc.

**TABLE 3. SUMMARY OF AREA OF CROPS, PASTURES AND FRUIT, VICTORIA, 1992 TO 1994**  
(\*000 hectares)

<i>Item</i>	<i>Year ended 31 March -</i>		
	<i>1992</i>	<i>1993</i>	<i>1994</i>
<b>Crop -</b>			
Cereals for grain	1,420	1,638	1,652
Legumes for grain	382	412	421
Crops for hay	86	64	61
Crops for green feed or silage	27	25	34
Tobacco	2	2	1
Oilseeds	47	37	66
Hops	-	-	-
Orchard fruit	22	24	23
Other fruit	1	1	1
Grapevines	19	20	21
Vegetables	29	28	30
Other	5r	7r	7
<b>Total crops (a)</b>	<b>2,039</b>	<b>2,258</b>	<b>2,317</b>
<b>Pastures and grasses -</b>			
Cut for hay	470	522	431
Harvested for seed	20	22	18
Cut for green feed or silage	36	46	60
<b>Total area of harvested pastures and grasses</b>	<b>526</b>	<b>591</b>	<b>509</b>
<b>Total</b>	<b>2,564</b>	<b>2,848</b>	<b>2,826</b>

(a) Includes area double-cropped.

**TABLE 4. AREA OF PRINCIPAL CROPS BY STATISTICAL DIVISION, YEAR ENDED 31 MARCH 1994**  
(hectares)

<i>Statistical division</i>	<i>Cereals for grain</i>	<i>Legumes for grain</i>	<i>Crops for hay</i>	<i>Crops for green feed or silage</i>	<i>Oil-seeds</i>	<i>Orchard fruit</i>	<i>Other fruit</i>
Melbourne	4,628	20	783	723	106	2,853	370
Barwon	21,373	1,595	1,588	3,193	2,869	46	10
Western District	31,404	1,078	6,562	7,725	3,256	47	3
Central Highlands	52,816	1,714	6,064	1,766	4,223	358	7
Wimmera	515,976	226,771	5,404	2,245	38,549	733	-
Mallee	774,768	140,001	8,768	4,177	2,456	7,431	4
Loddon-Campaspe	161,244	32,210	11,144	3,582	10,412	683	9
Goulburn	69,484	13,201	14,604	3,197	3,346	9,515	303
Ovens-Murray	19,095	4,040	3,029	695	715	1,183	65
East Gippsland	669	456	748	2,328	10	62	12
Gippsland	536	129	2,367	4,383	-	193	28
<b>Total</b>	<b>1,651,993</b>	<b>421,216</b>	<b>61,061</b>	<b>34,013</b>	<b>65,941</b>	<b>23,105</b>	<b>811</b>

<i>Statistical division</i>	<i>Grapevines</i>	<i>Vegetables</i>	<i>Other crops (a)</i>	<i>Total crops</i>	<i>Pastures and grasses</i>	<i>Total (b)</i>
Melbourne	524	10,591	2,235	22,833	15,052	37,885
Barwon	149	1,702	569	33,095	33,431	66,526
Western District	119	967	291	51,451	122,841	174,292
Central Highlands	396	3,568	840	71,751	31,405	103,156
Wimmera	142	252	705	790,777	34,033	824,810
Mallee	17,470	2,203	139	957,417	15,766	973,182
Loddon-Campaspe	265	1,459	70	221,078	53,889	274,967
Goulburn	805	1,856	316	116,628	84,581	201,208
Ovens-Murray	1,038	295	1,836	31,992	23,602	55,594
East Gippsland	36	2,999	254	7,575	16,554	24,129
Gippsland	103	3,735	1,174	12,648	78,079	90,727
<b>Total</b>	<b>21,046</b>	<b>29,629</b>	<b>8,430</b>	<b>2,317,245</b>	<b>509,233</b>	<b>2,826,477</b>

(a) Includes tobacco, hops and other crops, nurseries, flowers and cultivated turf. (b) Includes area double-cropped.

**TABLE 5. GROSS VALUE OF CROPS, PASTURES, AND FRUIT, VICTORIA, SEASONS 1992 TO 1994**

Item	(\$'000) (a)		
	1992	1993r	1994
Cereals for grain -			
Barley	145,080	181,578	236,444
Oats	39,355	49,278	31,680
Wheat	218,575	360,158	438,442
Other	9,999	9,959	13,466
Legumes for grain -			
Field Peas	51,925	65,237	67,028
Other	53,258	74,854	72,620
Other Crops -			
Hops	3,505	2,872	2,761
Oilseeds	14,095	15,682	29,481
Potatoes (incl seed)	88,718	96,115	80,933
Tobacco	24,685	29,044	20,907
Vegetables (excluding potatoes)	226,153	235,063	236,131
Other	140,917	205,902	176,882
Pastures and crops for hay -			
Lucerne	38,924	33,046	26,986
Other crops	41,556	22,270	22,564
Pastures and grasses	204,648	208,550	174,985
Pastures and grasses harvested for seed	19,136	24,968	20,568
Orchard fruit -			
Apples	98,546	104,584	90,529
Pears	105,887	83,154	73,245
Nashi and other pome	9,209	16,850	17,274
Oranges	31,712	46,204	37,878
Other citrus	11,235	10,351	10,236
Stone and other orchard fruit -			
Apricots	7,471	6,801	4,498
Peaches	19,085	21,643	18,749
Other stone and orchard	24,448	28,389	29,595
Almonds	12,689	11,740	16,843
Other nuts	1,405	1,453	1,700
Small and berry fruit -			
Strawberries	9,210	8,623	11,164
Other berries	3,355	3,870	2,733
Grapes -			
For wine	41,503	42,554	42,808
For drying	94,485	58,100	70,452
For table	42,632	55,068	41,470
Total grapes	178,621	155,722	154,730
<b>Total crops, pastures and fruit</b>	<b>1,833,400</b>	<b>2,113,960</b>	<b>2,121,050</b>
<b>Total agriculture (b)</b>	<b>4,822,063</b>	<b>5,210,384</b>	<b>5,522,510</b>

(a) See Explanatory Notes, Paragraph 12. (b) Includes total crops, pastures and grasses, livestock, livestock products, slaughterings and disposals.

## SECTION II: CROPS

## A - CEREALS

TABLE 6. AREA, PRODUCTION, AND YIELD OF CEREAL CROPS FOR GRAIN, VICTORIA, YEAR ENDED 31 MARCH 1992 TO 1994

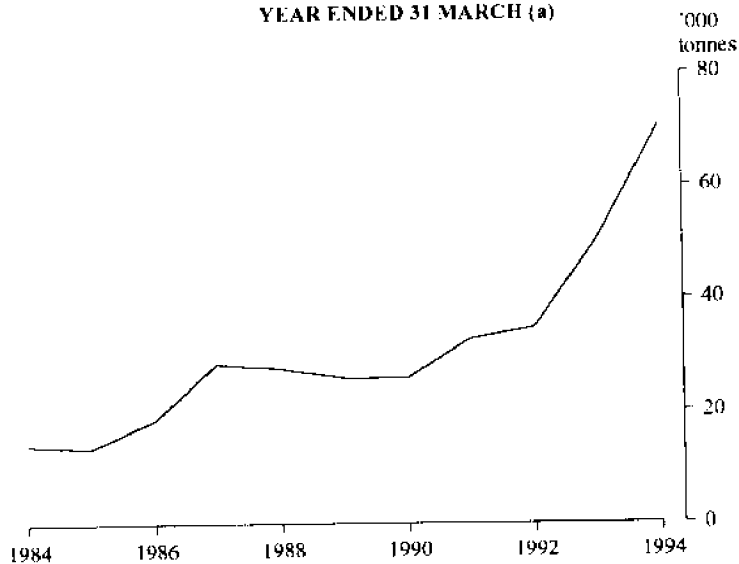
Item	1992			1993			1994		
	Area ('000 ha)	Prod'n ('000 tonnes)	Yield (tonnes /ha)	Area ('000 ha)	Prod'n ('000 tonnes)	Yield (tonnes /ha)	Area ('000 ha)	Prod'n ('000 tonnes)	Yield (tonnes /ha)
Barley	534	898	1.7	551	1,116	2.0	639	1,386	2.2
Maize	-	3	8.2	-	3	7.8	-	2	7.2
Millet	1	2	1.9	1	2	2.0	1	2	1.5
Oats	183	300	1.6	223	404	1.8	186	362	1.9
Rye	19	17	0.9	19	16	0.9	13	14	1.1
Triticale	19	35	1.8	23	50	2.2	32	71	2.2
Wheat	664	1,150	1.7	821	2,015	2.5	780	2,022	2.6
Other	-	-	1.2	-	-	0.3	-	-	0.4
<b>Total</b>	<b>1,420</b>	<b>2,405</b>	<b>1.7</b>	<b>1,638</b>	<b>3,606</b>	<b>2.2</b>	<b>1,652</b>	<b>3,859</b>	<b>2.3</b>

BARLEY PRODUCTION, VICTORIA, YEAR ENDED 31 MARCH (a)



(a) Changes in scope, see Explanatory Notes, paragraph 4

TRITICALE PRODUCTION, VICTORIA, YEAR ENDED 31 MARCH (a)



(a) Changes in scope, see Explanatory Notes, paragraph 4



**TABLE 7. AREA, PRODUCTION AND YIELD OF CEREAL CROPS FOR GRAIN BY STATISTICAL DIVISION, YEAR ENDED 31 MARCH 1994**

Statistical division	Barley (a)			Maize			Millet		
	Area (ha)	Prod'n (tonnes)	Yield (tonnes / ha)	Area (ha)	Prod'n (tonnes)	Yield (tonnes / ha)	Area (ha)	Prod'n (tonnes)	Yield (tonnes / ha)
Melbourne	3,967	7,438	1.9	-	-	-	-	-	-
Barwon	11,636	22,215	1.9	1	13	26.0	-	-	-
Western District	6,045	11,608	1.9	-	-	-	15	16	1.1
Central Highlands	6,490	14,540	2.2	-	-	-	-	-	-
Wimmera	198,281	480,090	2.4	-	-	-	-	-	-
Mallee	352,330	736,091	2.1	24	195	8.1	514	741	1.4
Loddon-Campaspe	49,304	95,814	1.9	103	733	7.2	661	950	1.4
Goulburn	10,062	16,304	1.6	71	445	6.3	61	127	2.1
Ovens-Murray	1,204	1,910	1.6	-	-	-	137	194	1.4
East Gippsland	48	77	1.6	35	288	8.1	5	9	1.8
Gippsland	126	142	1.1	-	-	-	14	24	1.8
<b>Total Victoria</b>	<b>639,493</b>	<b>1,386,229</b>	<b>2.2</b>	<b>233</b>	<b>1,674</b>	<b>7.2</b>	<b>1,406</b>	<b>2,061</b>	<b>1.5</b>

Statistical division	Oats			Rye			Triticale		
	Area (ha)	Prod'n (tonnes)	Yield (tonnes / ha)	Area (ha)	Prod'n (tonnes)	Yield (tonnes / ha)	Area (ha)	Prod'n (tonnes)	Yield (tonnes / ha)
Melbourne	339	613	1.8	40	32	0.8	-	-	-
Barwon	4,766	9,260	1.9	53	76	1.4	2,305	4,553	2.0
Western District	16,184	33,576	2.1	96	215	2.2	4,882	11,361	2.3
Central Highlands	27,957	69,005	2.5	20	30	1.5	5,323	14,120	2.7
Wimmera	54,381	110,068	2.0	1,086	1,749	1.6	3,993	7,748	1.9
Mallee	26,803	45,439	1.7	11,175	12,019	1.1	6,128	10,496	1.7
Loddon-Campaspe	30,009	54,009	1.8	4	5	1.3	1,912	4,689	2.5
Goulburn	19,268	29,404	1.5	46	52	1.1	6,445	14,912	2.3
Ovens-Murray	5,751	10,488	1.8	-	-	-	1,220	2,605	2.1
East Gippsland	298	126	0.4	-	-	-	146	200	1.4
Gippsland	83	17	0.2	1	2	1.5	30	50	1.7
<b>Total Victoria</b>	<b>185,840</b>	<b>362,006</b>	<b>1.9</b>	<b>12,521</b>	<b>14,180</b>	<b>1.1</b>	<b>32,383</b>	<b>70,734</b>	<b>2.2</b>

Statistical division	Wheat			Other cereals			Total cereal crops for grain		
	Area (ha)	Prod'n (tonnes)	Yield (tonnes / ha)	Area (ha)	Prod'n (tonnes)	Yield (tonnes / ha)	Area (ha)	Prod'n (tonnes)	Yield (tonnes / ha)
Melbourne	282	515	1.8	-	-	-	4,628	8,598	1.9
Barwon	2,613	6,027	2.3	-	-	-	21,373	42,145	2.0
Western District	4,182	7,855	1.9	-	-	-	31,404	64,631	2.1
Central Highlands	13,026	31,779	2.4	-	-	-	52,816	129,474	2.5
Wimmera	258,235	770,279	3.0	-	-	-	515,976	1,369,935	2.7
Mallee	377,765	906,675	2.4	29	15	0.5	774,768	1,711,671	2.2
Loddon-Campaspe	79,252	195,746	2.5	-	-	-	161,244	351,946	2.2
Goulburn	33,342	72,802	2.2	189	80	0.4	69,484	134,126	1.9
Ovens-Murray	10,783	29,013	2.7	-	-	-	19,095	44,210	2.3
East Gippsland	133	383	2.9	3	-	-	669	1,083	1.6
Gippsland	283	812	2.9	-	-	-	536	1,047	2.0
<b>Total Victoria</b>	<b>779,895</b>	<b>2,021,886</b>	<b>2.6</b>	<b>221</b>	<b>95</b>	<b>0.4</b>	<b>1,651,993</b>	<b>3,858,865</b>	<b>2.3</b>

(a) Two row and six row barley are not collected separately.

TABLE 8. NUMBER OF ESTABLISHMENTS BY AREA AND AREA OF WHEAT FOR GRAIN, VICTORIA, 31 MARCH 1994

Area of establishment (hectares)	Area of wheat for grain (hectares)													Establish- ments with wheat for grain	Other	Total			
	<10	10-19	20-29	30-39	40-49	50-74	75-99	100-149	150-199	200-249	250-299	300-399	400-499				500-999	1,000-1,499 & over	
Less than 50	5	2	1	1	1	6	2	1	1	1	1	1	1	1	1	10	(a)8,176	37,186	
50 - 99	9	12	17	6	4	8	2	1	1	1	1	1	1	1	1	57	5,868	5,925	
100 - 149	7	21	27	17	19	8	2	1	1	1	1	1	1	1	1	102	4,467	4,569	
150 - 199	8	30	22	24	24	27	5	3	4	1	1	1	1	1	1	147	2,791	2,938	
200 - 249	15	26	31	24	33	36	13	17	2	3	1	1	1	1	1	200	2,213	2,413	
250 - 299	12	42	35	22	42	60	35	22	2	1	1	1	1	1	1	274	1,561	1,835	
300 - 349	14	25	18	30	42	52	33	27	6	1	1	1	1	1	1	247	1,194	1,441	
350 - 399	3	14	21	21	41	52	36	39	5	6	2	1	1	1	1	240	887	1,127	
400 - 449	7	12	22	19	34	55	58	54	18	4	1	1	1	1	1	284	782	1,066	
450 - 499	6	15	19	14	32	44	36	62	11	2	1	1	1	1	1	241	632	873	
500 - 549	4	14	20	13	34	36	38	74	21	18	5	1	1	1	1	279	508	787	
550 - 599	4	4	15	13	15	37	32	69	26	13	1	2	1	1	1	231	364	595	
600 - 649	5	6	9	12	11	38	37	59	22	25	7	5	1	1	1	236	343	579	
650 - 699	2	10	6	8	10	21	17	48	28	23	4	3	1	1	1	181	268	449	
700 - 749	1	4	13	7	14	23	24	50	31	21	5	4	1	1	1	197	213	410	
750 - 799	2	3	7	1	12	22	14	34	34	28	9	1	1	1	1	168	203	371	
800 - 849	3	3	6	10	9	26	24	42	33	34	7	9	1	1	1	208	197	405	
850 - 899	2	1	5	3	4	13	13	41	26	17	15	2	1	1	1	143	144	287	
900 - 949	-	3	4	3	5	16	11	31	23	16	9	10	1	1	1	133	120	253	
950 - 999	-	-	1	4	7	13	10	19	17	15	8	8	2	2	1	106	102	208	
1,000 and over	7	18	31	20	40	78	71	200	164	239	123	219	156	165	28	1,567	1,046	2,613	
<b>Total</b>	<b>116</b>	<b>265</b>	<b>330</b>	<b>272</b>	<b>433</b>	<b>663</b>	<b>511</b>	<b>893</b>	<b>473</b>	<b>465</b>	<b>196</b>	<b>264</b>	<b>163</b>	<b>171</b>	<b>28</b>	<b>8</b>	<b>5,251</b>	<b>32,079</b>	<b>37,330</b>

(a) Includes non-land-based bee-keeping establishments.

TABLE 9. NUMBER OF ESTABLISHMENTS BY AREA OF WHEAT FOR GRAIN BY STATISTICAL DIVISION, 31 MARCH 1994

Statistical division	Area of wheat for grain (hectares)														Total area		
	Establishments with wheat for grain	<10	10-19	20-29	30-39	40-49	50-74	75-99	100-149	150-199	200-249	250-299	300-399	400-499		500-999	1,000-1,499
Melbourne	9	2	4	1	-	-	1	-	1	-	-	-	-	-	-	-	282
Barwon	66	8	9	19	9	2	11	4	3	-	-	1	-	-	-	-	2,613
Western District	100	10	24	16	10	10	18	4	4	2	1	-	1	-	-	-	4,182
Central Highlands	227	22	34	27	23	33	37	15	21	6	3	1	3	2	-	-	13,026
Wimmera	1,948	21	46	87	100	177	270	227	391	219	189	77	88	27	22	6	258,235
Mallee	1,419	2	16	23	19	40	85	88	238	161	207	101	149	123	138	22	377,765
Loddon-Campaspe	783	19	44	55	43	85	135	89	154	58	52	14	19	10	6	-	79,252
Goulburn	547	19	71	83	56	67	85	65	63	23	10	-	3	-	2	-	33,342
Ovens-Murray	139	10	15	18	10	18	17	19	18	4	3	2	1	1	3	-	10,783
East Gippsland	4	-	2	-	1	1	1	-	-	-	-	-	-	-	-	-	133
Gippsland	9	3	-	1	1	1	3	-	-	-	-	-	-	-	-	-	283
<b>Total Victoria</b>	<b>5,251</b>	<b>116</b>	<b>265</b>	<b>330</b>	<b>272</b>	<b>433</b>	<b>663</b>	<b>511</b>	<b>893</b>	<b>473</b>	<b>465</b>	<b>196</b>	<b>264</b>	<b>163</b>	<b>171</b>	<b>28</b>	<b>779,895</b>

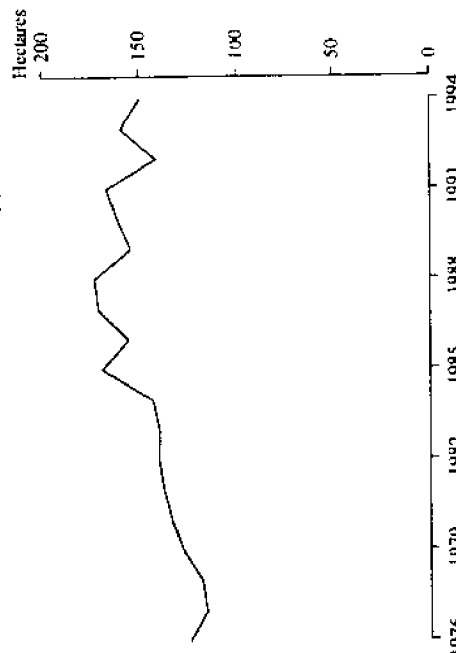
TABLE 10. NUMBER OF ESTABLISHMENTS BY AREA OF OATS FOR GRAIN BY STATISTICAL DIVISION, AT 31 MARCH 1994

Statistical division	Area of oats for grain (hectares)														Total area		
	Establishments with oats for grain	1-9	10-19	20-29	30-39	40-49	50-74	75-99	100-149	150-199	200-249	250-299	300-399	400-499		500-999	1,000-1,499
Melbourne	14	4	3	2	3	-	2	-	-	-	-	-	-	-	-	-	339
Barwon	143	24	35	23	22	10	17	5	4	1	-	2	-	-	-	-	4,766
Western District	492	53	133	105	60	45	59	21	11	-	1	2	1	1	-	-	16,184
Central Highlands	600	72	93	104	68	81	83	37	30	16	7	4	5	-	-	-	27,957
Wimmera	942	43	120	163	111	126	155	77	81	33	19	4	5	2	3	-	54,381
Mallee	377	29	77	49	33	50	57	26	18	11	8	2	6	3	5	3	26,803
Loddon-Campaspe	676	57	135	123	67	75	109	40	50	9	7	1	2	1	-	-	30,009
Goulburn	556	76	109	129	62	54	63	32	27	2	1	1	-	-	-	-	19,268
Ovens-Murray	158	20	39	31	15	16	18	7	8	2	2	-	-	-	-	-	5,751
East Gippsland	11	3	6	1	-	-	-	-	-	1	-	-	-	-	-	-	298
Gippsland	3	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-	83
<b>Total Victoria</b>	<b>3,972</b>	<b>382</b>	<b>751</b>	<b>730</b>	<b>441</b>	<b>457</b>	<b>564</b>	<b>245</b>	<b>229</b>	<b>75</b>	<b>45</b>	<b>16</b>	<b>19</b>	<b>7</b>	<b>8</b>	<b>3</b>	<b>185,840</b>

**TABLE 11. NUMBER OF ESTABLISHMENTS BY AREA OF BARLEY FOR GRAIN BY STATISTICAL DIVISION, AT 31 MARCH 1994**

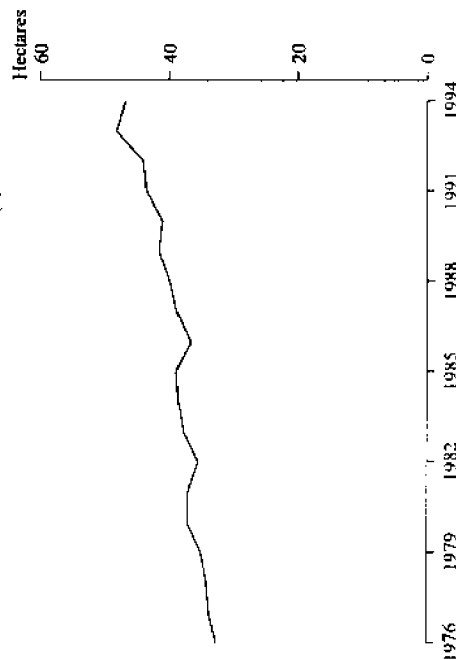
Statistical division	Area of barley for grain (hectares)																	Total area
	Establishments with barley for grain		1-9	10-19	20-29	30-39	40-49	50-74	75-99	100-149	150-199	200-249	250-299	300-399	400-499	500-999	1,000-1,499	
Melbourne	39	1	3	3	1	6	8	4	6	1	2	-	3	1	-	-	-	3,967
Barwon	204	9	37	29	28	25	33	8	19	7	4	2	2	-	1	-	-	11,636
Western District	176	16	49	48	24	16	7	6	6	1	2	-	-	1	-	-	-	6,045
Central Highlands	177	24	52	32	16	18	17	5	7	3	2	-	-	-	1	-	-	6,490
Wimmera	1,649	13	53	96	98	156	253	211	324	152	131	52	58	30	20	2	-	198,281
Mallee	1,483	12	16	31	22	66	101	139	270	164	169	103	127	102	139	16	6	352,330
Loddon-Campaspe	605	29	51	80	51	71	100	51	76	33	33	12	13	3	1	1	-	49,304
Goulburn	238	23	51	47	29	27	22	16	16	1	4	1	-	-	-	-	-	10,062
Ovens-Murray	20	-	6	4	3	1	1	2	1	1	-	-	-	-	-	-	-	1,204
East Gippsland	4	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	48
Gippsland	4	1	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-	126
<b>Total Victoria</b>	<b>4,599</b>	<b>130</b>	<b>319</b>	<b>373</b>	<b>272</b>	<b>386</b>	<b>543</b>	<b>442</b>	<b>725</b>	<b>363</b>	<b>347</b>	<b>170</b>	<b>203</b>	<b>140</b>	<b>161</b>	<b>19</b>	<b>6</b>	<b>639,493</b>

**AVERAGE AREA OF WHEAT SOWN FOR GRAIN PER ESTABLISHMENT, VICTORIA, YEAR ENDED 31 MARCH (a)**



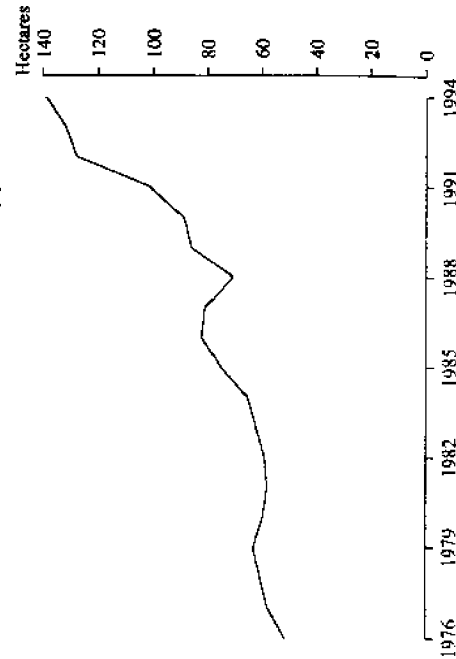
(a) Changes in scope, see Explanatory Notes, paragraph 4

**AVERAGE AREA OF OATS SOWN FOR GRAIN PER ESTABLISHMENT, VICTORIA, YEAR ENDED 31 MARCH (a)**



(a) Changes in scope, see Explanatory Notes, paragraph 4

**AVERAGE AREA OF BARLEY SOWN FOR GRAIN PER ESTABLISHMENT, VICTORIA, YEAR ENDED 31 MARCH (a)**



(a) Changes in scope, see Explanatory Notes, paragraph 4

## B - VEGETABLES FOR HUMAN CONSUMPTION

TABLE 12. AREA, PRODUCTION, AND YIELD OF VEGETABLES FOR HUMAN CONSUMPTION, VICTORIA, YEAR ENDED 31 MARCH 1992 TO 1994

Crop	1992			1993			1994		
	Area ha	Production tonnes	Yield tonnes/ha	Area ha	Production tonnes	Yield tonnes/ha	Area ha	Production tonnes	Yield tonnes/ha
Asparagus	905	3,534	3.9	957	3,597	3.8	1,175	4,619	3.9
Beans, french, runner - Processing - Fresh market	474	3,607	7.6	152	889	5.8	136	680	5.0
Beetroot	345	1,508	4.4	440	1,879	4.3	369	1,507	4.1
Broccoli (excl. Chinese broccoli)	25	251	10.0	42	575	13.7	72	803	11.1
Brussels sprouts	1,952	10,646	5.5	2,829	16,639	5.9	2,955	15,701	5.3
Cabbages (excl. Chinese cabbage)	105	2,270	21.6	117	2,273	19.4	142	2,195	15.5
Capsicum, chillies and peppers	785	32,118	40.9	737	27,616	37.5	726	26,548	36.6
Carrots	126	2,051	16.8	166	2,997	18.1	196	2,679	13.7
Cauliflowers	1,393	54,299	39.0	1,507	48,548	32.2	1,938	66,460	34.3
Celery	1,182	26,155	22.1	1,300	28,620	22.0	1,280	28,573	22.3
Cucumbers	516	19,282	37.4	462	18,732	40.5	414	16,931	40.9
Lettuces	40	900	22.5	41	843	20.6	29	577	20.2
Marrows and squashes	1,286	34,640	26.9	1,432	33,912	23.7	1,632	35,041	21.5
Melons - Rock and cantaloupe - Water	14	71	5.0	22	83	3.7	24	98	4.1
Mushrooms	234	4,868	20.8	209	4,092	19.6	255	5,176	20.3
Onions, brown and white	38	756	19.7	27	595	22.0	40	557	13.9
Parsnips	9	9,685	1,064.2	43	11,504	267.5	62	21,498	348.4
Peas, green - Processing - Fresh market	414	10,386	25.1	342	9,590	28.0	545	16,200	29.7
Potatoes (a)	144	2,099	14.6	175	3,159	18.1	197	3,388	17.2
Pumpkins	852	3,688	4.3	162	527	3.3	46	228	5.0
Radishes	101	159	1.5	139	209	1.5	235	385	1.6
Rhubarb	13,602	368,777	27.1	11,955	309,192	25.9	12,005	322,147	26.8
Silverbeet and spinach	398	6,770	17.0	386	5,414	14.0	379	5,975	15.8
Spring onions and leeks	61	517	8.5	76	632	8.3	72	558	7.7
Sweet Corn	16	223	14.0	15	276	18.4	21	263	12.5
Tomatoes - Processing - Fresh market	128	1,290	10.1	171	1,481	8.7	240	1,628	6.8
Turnips, swede and white	161	1,680	10.4	248	2,265	9.1	326	3,152	9.7
Zucchini	724	9,913	13.7	486	5,486	11.3	551	5,335	9.7
Other	2,541	123,994	48.8	2,145	79,386	37.0	2,352	107,346	45.6
	381	15,054	39.5	435	16,489	37.9	389	13,049	33.5
	41	577	14.1	69	770	11.2	70	1,188	17.0
	56	489	8.8	95	721	7.6	110	746	6.8
	381	n.c.	n.c.	491	3,716	n.c.	646	4,015	n.c.
<b>Total</b>	<b>29,425</b>	<b>n.c.</b>	<b>n.c.</b>	<b>27,873</b>	<b>642,607</b>	<b>n.c.</b>	<b>29,629</b>	<b>715,246</b>	<b>n.c.</b>

(a) Excludes potatoes grown for seed only.

**TABLE 13. AREA, PRODUCTION, AND YIELD OF MUSHROOMS, VICTORIA,  
YEAR ENDED 31 MARCH, 1992 TO 1994**

<i>Item</i>	<i>1992</i>	<i>1993</i>	<i>1994</i>
Total area of beds used during year (counted each time cropped) (hectares)	38	43	62
Production -			
For processing (tonnes)	1,419	1,574	2,041
For fresh market (tonnes)	8,266	9,930	19,457
Total (tonnes)	9,685	11,504	21,498
Yield (tonnes/ha)	256	266	348
Total quantity of spawn used during year (tonnes)	230	281	307

**TABLE 14. AREA, PRODUCTION, AND YIELD OF POTATOES, VICTORIA,  
SEASONS 1992 TO 1994 (a)**

<i>Item</i>	<i>1992</i>	<i>1993</i>	<i>1994</i>
Number of establishments	644	615r	593
Area planted (hectares)	13,602	14,143	14,345
Area harvested (hectares)	12,849	13,615	13,493
Production for all purposes	368,777	359,483	379,727
Yield - Area planted (tonnes/ha)	27.1	25.4	26.5
- Area harvested (tonnes/ha)	28.7	26.4	28.1

(a) Includes potatoes grown for seed.

**TABLE 15. NUMBER OF ESTABLISHMENTS BY SIZE OF POTATO AREA PLANTED (a),  
BY STATISTICAL DIVISION, SEASON 1994**

<i>Statistical division</i>	<i>Area of potatoes planted (hectares)</i>							<i>Total number of establishments</i>
	<i>less than 5</i>	<i>5-9.9</i>	<i>10-14.9</i>	<i>15-19.9</i>	<i>20-39.9</i>	<i>40-59.9</i>	<i>60 and over</i>	
Melbourne	21	16	8	12	36	19	3	115
Barwon	11	9	6	5	17	4	9	61
Western District	13	5	1	2	16	-	4	41
Central Highlands	27	24	24	25	44	16	11	171
Wimmera	-	-	-	-	2	-	1	3
Mallee	-	-	-	-	-	1	2	3
Loddon-Campaspe	6	4	2	2	1	-	-	15
Goulburn	9	6	3	2	4	-	1	25
Ovens-Murray	-	-	-	1	-	-	1	2
East Gippsland	3	2	2	1	2	1	1	12
Gippsland	15	26	16	15	47	12	14	145
<b>Total Victoria</b>	<b>105</b>	<b>92</b>	<b>62</b>	<b>65</b>	<b>169</b>	<b>53</b>	<b>47</b>	<b>593</b>

(a) Includes establishments that grow potatoes for seed only.

**TABLE 16. AREA AND PRODUCTION OF VEGETABLES FOR HUMAN CONSUMPTION  
BY STATISTICAL DIVISION, YEAR ENDED 31 MARCH 1994**

Statistical division	Asparagus		Beans, French and Runner Processing		Beans, French and Runner Fresh market		Total French and Runner beans		Broccoli	
	Area (ha)	Prod'n (tonnes)	Area (ha)	Prod'n (tonnes)	Area (ha)	Prod'n (tonnes)	Area (ha)	Prod'n (tonnes)	Area (ha)	Prod'n (tonnes)
Melbourne	829	3,843	1	1	24	80	25	81	1,130	8,707
Barwon	-	-	-	-	-	-	-	-	91	490
Western District	-	-	-	-	-	-	-	-	2	2
Central Highlands	-	2	-	3	-	-	-	3	50	246
Mallee	154	384	1	3	25	149	25	152	318	1,504
Loddon-Campaspe	64	112	-	-	-	-	-	-	1	2
Goulburn	-	-	-	-	2	5	2	5	8	37
Ovens-Murray	13	-	-	-	-	-	-	-	-	1
East Gippsland	84	238	130	661	305	1,245	435	1,905	1,279	4,439
Gippsland	30	40	4	12	12	29	16	41	75	273
<b>Total Victoria</b>	<b>1,175</b>	<b>4,618</b>	<b>135</b>	<b>680</b>	<b>368</b>	<b>1,507</b>	<b>504</b>	<b>2,188</b>	<b>2,955</b>	<b>15,701</b>

Statistical division	Brussels Sprouts		Cabbages		Carrots		Cauliflowers		Celery	
	Area (ha)	Prod'n (tonnes)	Area (ha)	Prod'n (tonnes)	Area (ha)	Prod'n (tonnes)	Area (ha)	Prod'n (tonnes)	Area (ha)	Prod'n (tonnes)
Melbourne	129	2,176	393	14,968	910	29,944	916	22,549	408	16,861
Barwon	-	-	26	913	3	120	28	454	1	20
Western District	-	-	1	2	49	1,620	2	4	-	-
Central Highlands	-	8	58	1,820	53	2,878	104	2,020	-	-
Wimmera	-	-	-	-	-	3	-	-	-	-
Mallee	-	-	8	82	537	17,386	4	61	-	-
Loddon-Campaspe	-	-	3	200	-	-	5	400	-	-
Goulburn	1	10	3	75	10	294	2	43	-	-
Ovens-Murray	-	-	2	79	100	3,770	3	71	-	-
East Gippsland	12	-	176	5,438	23	726	208	2,730	1	41
Gippsland	-	-	56	2,971	252	9,720	9	242	4	9
<b>Total Victoria</b>	<b>142</b>	<b>2,195</b>	<b>726</b>	<b>26,547</b>	<b>1,938</b>	<b>66,460</b>	<b>1,280</b>	<b>28,573</b>	<b>414</b>	<b>16,931</b>

Statistical division	Lettuces		Melons, Rock and cantaloupe		Melons Water		Onions Brown and White		Parsnips	
	Area (ha)	Prod'n (tonnes)	Area (ha)	Prod'n (tonnes)	Area (ha)	Prod'n (tonnes)	Area (ha)	Prod'n (tonnes)	Area (ha)	Prod'n (tonnes)
Melbourne	1,330	28,526	-	-	4	101	244	7,773	195	3,363
Barwon	35	646	-	-	-	-	41	1,263	-	-
Western District	-	-	-	-	-	-	68	2,308	-	-
Central Highlands	77	2,238	-	-	-	-	64	1,740	-	6
Wimmera	-	-	-	-	-	-	-	6	-	-
Mallee	105	2,772	254	5,175	35	447	37	822	-	-
Loddon-Campaspe	6	146	-	-	-	-	3	70	-	-
Goulburn	2	51	-	1	-	2	3	25	-	-
Ovens-Murray	-	-	-	-	1	7	-	-	-	-
East Gippsland	76	662	-	-	-	-	9	39	1	18
Gippsland	-	-	-	-	-	-	76	2,156	-	-
<b>Total Victoria</b>	<b>1,632</b>	<b>35,041</b>	<b>255</b>	<b>5,176</b>	<b>40</b>	<b>557</b>	<b>545</b>	<b>16,200</b>	<b>197</b>	<b>3,388</b>

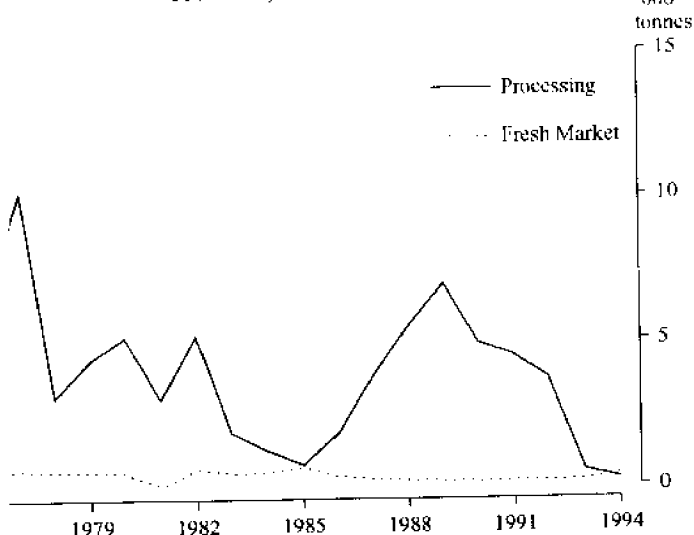
**TABLE 16. AREA AND PRODUCTION OF VEGETABLES FOR HUMAN CONSUMPTION BY STATISTICAL DIVISION, YEAR ENDED 31 MARCH 1994—continued**

Statistical division	Peas, Green Processing (a)		Peas, Green Fresh market(b)		Total Peas, Green (b)		Potatoes		Pumpkins	
	Area (ha)	Prod'n (tonnes)	Area (ha)	Prod'n (tonnes)	Area (ha)	Prod'n (tonnes)	Area (ha)	Prod'n (tonnes)	Area (ha)	Prod'n (tonnes)
Melbourne	-	-	8	11	8	11	2,460	61,220	98	1,690
Barwon	2	7	60	136	62	151	1,391	30,595	11	180
Western District	-	-	-	-	-	-	842	23,871	4	210
Central Highlands	-	1	6	5	7	8	3,076	91,212	38	364
Wimmera	-	-	-	-	-	-	172	7,670	3	82
Mallee	-	-	18	15	18	15	360	6,000	147	2,208
Loddon-Campaspe	-	-	-	-	-	-	111	2,455	1	3
Goulburn	1	3	4	7	5	13	297	7,474	17	291
Ovens-Murray	-	-	-	-	-	-	115	2,720	25	361
East Gippsland	36	193	22	44	58	471	215	3,429	26	368
Gippsland	7	25	118	167	125	222	2,966	85,502	10	218
<b>Total Victoria</b>	<b>46</b>	<b>228</b>	<b>235</b>	<b>385</b>	<b>281</b>	<b>891</b>	<b>12,004</b>	<b>322,147</b>	<b>379</b>	<b>5,975</b>

Statistical division	Sweet Corn		Tomatoes Processing		Tomatoes Fresh market		Total Tomatoes		Other vegetables(c)	Total vegetables
	Area (ha)	Prod'n (tonnes)	Area (ha)	Prod'n (tonnes)	Area (ha)	Prod'n (tonnes)	Area (ha)	Prod'n (tonnes)	Area (ha)	Area (ha)
Melbourne	172	774	3	72	19	1,297	22	1,369	1,317	10,591
Barwon	-	-	-	-	1	6	1	6	13	1,702
Western District	-	-	-	-	-	-	-	-	-	967
Central Highlands	6	74	-	-	-	-	-	-	34	3,568
Wimmera	-	-	-	-	1	15	1	15	76	252
Mallee	42	243	19	691	27	1,148	47	1,839	112	2,203
Loddon-Campaspe	25	379	1,149	51,132	73	2,765	1,222	53,897	20	1,459
Goulburn	3	8	1,180	55,452	265	7,740	1,446	63,191	57	1,856
Ovens-Murray	9	150	-	-	-	-	-	-	27	295
East Gippsland	231	3,146	-	-	2	48	2	48	164	2,999
Gippsland	62	562	-	-	1	30	1	30	52	3,735
<b>Total Victoria</b>	<b>551</b>	<b>5,335</b>	<b>2,352</b>	<b>107,346</b>	<b>389</b>	<b>13,049</b>	<b>2,740</b>	<b>120,396</b>	<b>1,872</b>	<b>29,629</b>

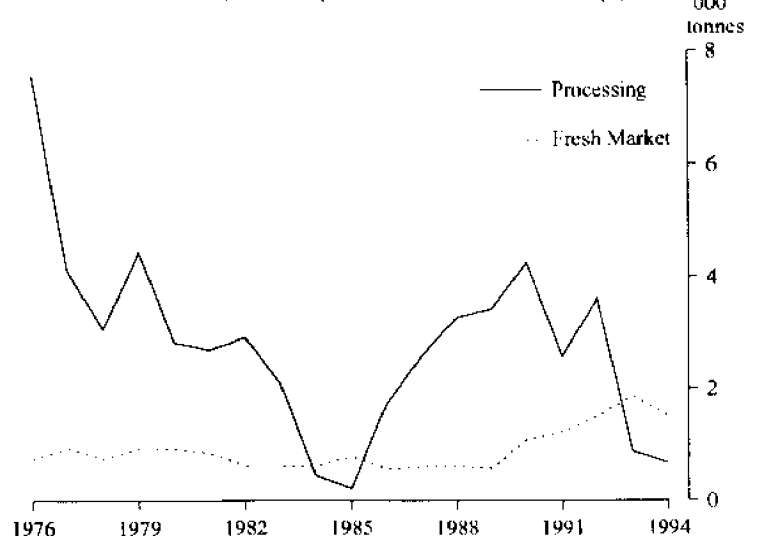
(a) Shelled weight. (b) Pod weight. (c) Includes silver beet, spinach, capsicums, chillies, peppers, spring onions, artichokes, etc.

**GREEN PEA PRODUCTION, VICTORIA, YEAR ENDED 31 MARCH (a)**



Changes in scope, see Explanatory Notes, paragraph 4

**FRENCH AND RUNNER BEAN PRODUCTION, VICTORIA, YEAR ENDED 31 MARCH (a)**



(a) Changes in scope, see Explanatory Notes, paragraph 4



**TABLE 17. AREA, PRODUCTION AND YIELD OF LEGUMES FOR GRAIN,  
BY STATISTICAL DIVISION, YEAR ENDED 31 MARCH 1994**

Statistical division	Chick Peas			Faba Beans			Field Peas		
	Area (ha)	Prod'n (tonnes)	Yield (tonnes / ha)	Area (ha)	Prod'n (tonnes)	Yield (tonnes / ha)	Area (ha)	Prod'n (tonnes)	Yield (tonnes / ha)
Melbourne	-	-	-	-	-	-	10	10	1.0
Barwon	-	-	-	-	-	-	1,073	1,086	1.0
Western District	97	164	1.7	16	40	2.5	125	164	1.3
Central Highlands	124	105	0.8	125	132	1.1	357	539	1.5
Wimmera	84,952	117,504	1.4	36,066	53,218	1.5	81,601	139,695	1.7
Mallee	10,601	12,576	1.2	4,347	5,235	1.2	102,969	129,668	1.3
Loddon-Campaspe	4,487	15,881	3.5	3,495	6,064	1.7	12,077	19,584	1.6
Goulburn	47	4	0.1	698	651	0.9	1,214	1,118	0.9
Ovens-Murray	-	-	-	-	-	-	502	677	1.3
Gippsland	-	-	-	32	70	2.2	16	10	0.6
<b>Total Victoria</b>	<b>100,309</b>	<b>146,234</b>	<b>1.5</b>	<b>44,780</b>	<b>65,410</b>	<b>1.5</b>	<b>199,944</b>	<b>292,550</b>	<b>1.5</b>

Statistical division	Lupins			Vetches			Total Legumes (a)		
	Area (ha)	Prod'n (tonnes)	Yield (tonnes / ha)	Area (ha)	Prod'n (tonnes)	Yield (tonnes / ha)	Area (ha)	Prod'n (tonnes)	Yield (tonnes / ha)
Melbourne	10	12	1.2	-	-	-	20	22	1.1
Barwon	522	754	1.4	-	-	-	1,595	1,840	1.2
Western District	840	919	1.1	-	-	-	1,078	1,287	1.2
Central Highlands	1,108	1,412	1.3	-	-	-	1,714	2,188	1.3
Wimmera	17,477	19,097	1.1	5,836	3,207	0.5	226,771	334,136	1.5
Mallee	8,596	7,292	0.8	13,488	5,972	0.4	140,001	160,743	1.1
Loddon-Campaspe	11,743	14,094	1.2	392	218	0.6	32,210	55,859	1.7
Goulburn	11,178	11,494	1.0	62	9	0.1	13,201	13,279	1.0
Ovens-Murray	3,538	4,262	1.2	-	-	-	4,040	4,939	1.2
East Gippsland	93	173	1.9	-	-	-	456	624	1.4
Gippsland	36	22	0.6	-	-	-	129	119	0.9
<b>Total Victoria</b>	<b>55,142</b>	<b>59,531</b>	<b>1.1</b>	<b>19,778</b>	<b>9,406</b>	<b>0.5</b>	<b>421,216</b>	<b>575,035</b>	<b>1.4</b>

(a) Includes dried edible beans, etc.

**CHICK PEAS FOR GRAIN PRODUCTION  
VICTORIA, YEAR ENDED 31 MARCH (a)**



(a) Changes in scope, see Explanatory Notes, paragraph 4

**LUPINS FOR GRAIN PRODUCTION,  
VICTORIA, YEAR ENDED 31 MARCH (a)**



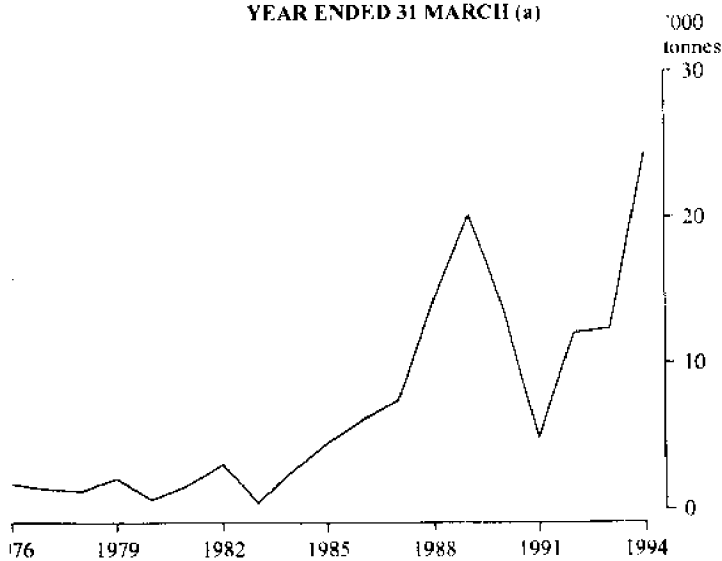
(a) Changes in scope, see Explanatory Notes, paragraph 4

**TABLE 18. AREA, PRODUCTION AND YIELD OF OILSEEDS BY STATISTICAL DIVISION, YEAR ENDED 31 MARCH 1994**

Statistical division	Canola			Linseed			Safflower		
	Area (ha)	Prod'n (tonnes)	Yield (tonnes / ha)	Area (ha)	Prod'n (tonnes)	Yield (tonnes / ha)	Area (ha)	Prod'n (tonnes)	Yield (tonnes / ha)
Melbourne	106	102	1.0	-	-	-	-	-	-
Barwon	1,083	1,618	1.5	1,273	1,097	0.9	-	-	-
Western District	1,699	1,650	1.0	997	1,214	1.2	252	264	1.0
Central Highlands	3,661	5,308	1.4	205	280	1.4	284	124	0.4
Wimmera	16,659	29,398	1.8	272	311	1.1	21,348	19,099	0.9
Mallee	1,253	1,677	1.3	75	120	1.6	1,072	689	0.6
Loddon-Campaspe	3,374	5,139	1.5	6	4	0.7	5,550	3,835	0.7
Goulburn	780	1,068	1.4	127	179	1.4	852	393	0.5
Ovens-Murray	536	877	1.6	49	54	1.1	-	-	-
<b>Total Victoria</b>	<b>29,151</b>	<b>46,835</b>	<b>1.6</b>	<b>3,004</b>	<b>3,258</b>	<b>1.1</b>	<b>29,358</b>	<b>24,403</b>	<b>0.8</b>

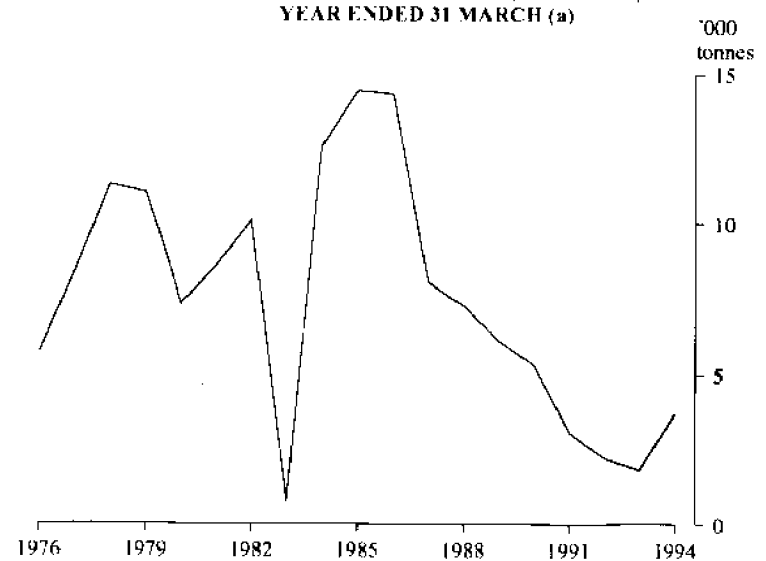
Statistical division	Soybeans			Sunflower			Total Oilseeds		
	Area (ha)	Prod'n (tonnes)	Yield (tonnes / ha)	Area (ha)	Prod'n (tonnes)	Yield (tonnes / ha)	Area (ha)	Prod'n (tonnes)	Yield (tonnes / ha)
Melbourne	-	-	-	-	-	-	106	102	1.0
Barwon	-	-	-	513	721	1.4	2,869	3,436	1.2
Western District	-	-	-	308	369	1.2	3,256	3,496	1.1
Central Highlands	-	-	-	73	33	0.5	4,223	5,745	1.4
Wimmera	60	35	0.6	210	137	0.7	38,549	48,979	1.3
Mallee	-	-	-	56	65	1.2	2,456	2,550	1.0
Loddon-Campaspe	380	738	1.9	1,101	2,029	1.8	10,412	11,744	1.1
Goulburn	1,423	3,165	2.2	164	367	2.2	3,346	5,171	1.5
Ovens-Murray	130	410	3.2	-	-	-	715	1,341	1.9
East Gippsland	10	14	1.4	-	-	-	10	14	1.4
<b>Total Victoria</b>	<b>2,002</b>	<b>4,361</b>	<b>2.2</b>	<b>2,425</b>	<b>3,719</b>	<b>1.5</b>	<b>65,941</b>	<b>82,577</b>	<b>1.3</b>

**SAFFLOWER PRODUCTION, VICTORIA, YEAR ENDED 31 MARCH (a)**



(a) Changes in scope, see Explanatory Notes, paragraph 4

**SUNFLOWER PRODUCTION, VICTORIA, YEAR ENDED 31 MARCH (a)**



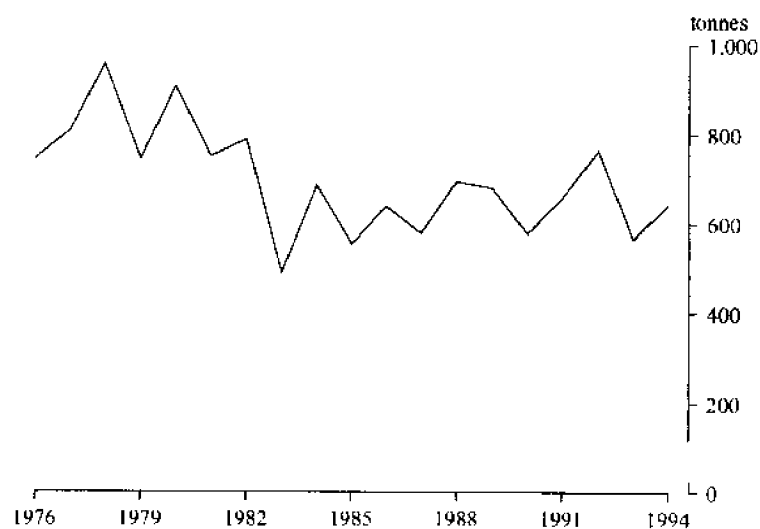
(a) Changes in scope, see Explanatory Notes, paragraph 4

**TABLE 19. AREA AND PRODUCTION OF MISCELLANEOUS CROPS BY STATISTICAL DIVISION, YEAR ENDED 31 MARCH 1994**

Statistical division	Fruit		Hops		Nurseries, flowers and cultivated turf	Tobacco		Vine-yards (a)	Other crops nec (b)
	Orchard Area (ha)	Other Area (ha)	Area (ha)	Prod'n (tonnes)	Area (ha)	Area (ha)	Prod'n (tonnes)	Area (ha)	Area (ha)
Melbourne	2,853	370	-	-	2,173	-	-	524	63
Barwon	46	10	-	-	280	-	-	149	289
Western District	47	3	-	-	92	-	-	119	199
Central Highlands	358	7	-	-	68	-	-	396	772
Wimmera	733	-	-	-	385	-	-	142	320
Mallee	7,431	4	-	-	111	-	-	17,470	27
Loddon-Campaspe	683	9	-	-	59	-	-	265	11
Goulburn	9,515	303	-	-	140	-	-	805	176
Ovens-Murray	1,183	65	356	643	57	1,357	4,128	1,038	66
East Gippsland	62	12	-	-	64	-	-	36	190
Gippsland	193	28	-	-	289	-	-	103	885
<b>Total Victoria</b>	<b>23,105</b>	<b>811</b>	<b>356</b>	<b>643</b>	<b>3,719</b>	<b>1,357</b>	<b>4,128</b>	<b>21,046</b>	<b>2,997</b>

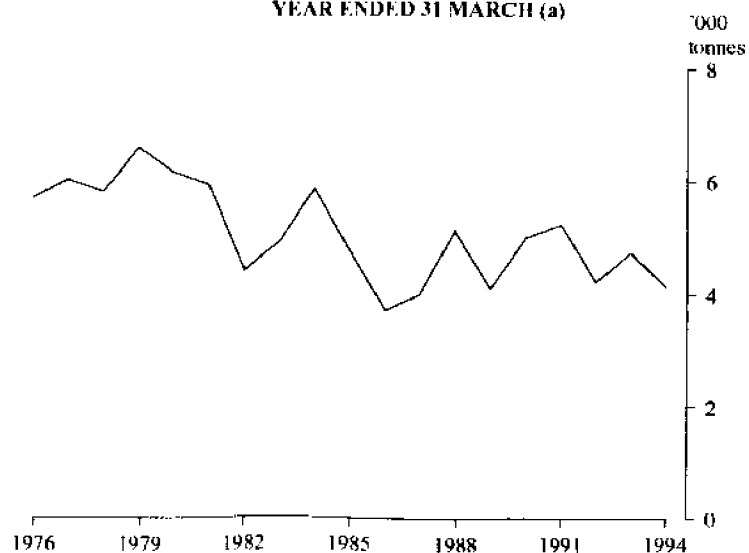
(a) For more detailed statistics refer to Viticulture, Australia (7310.0). (b) Includes vegetables for seed, mustard seed etc.

**HOP PRODUCTION, VICTORIA, YEAR ENDED 31 MARCH (a)**



(a) Changes in scope, see Explanatory Notes, paragraph 4

**TOBACCO PRODUCTION, VICTORIA, YEAR ENDED 31 MARCH (a)**



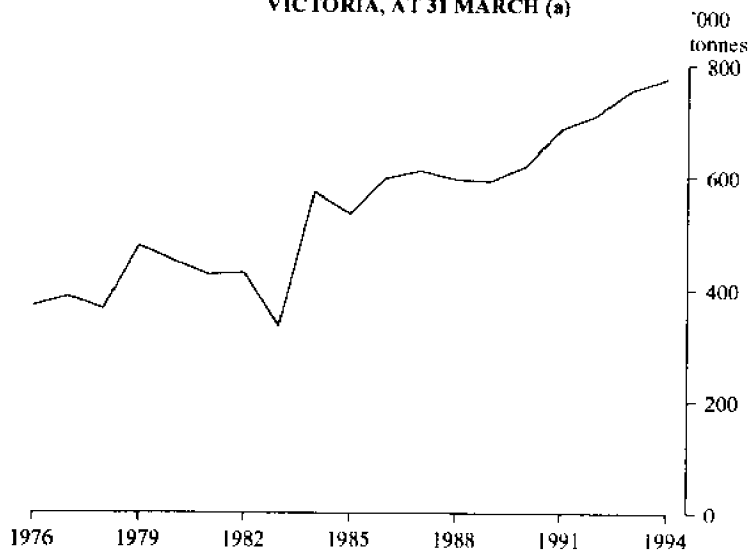
(a) Changes in scope, see Explanatory Notes, paragraph 4

## D. STOCKS OF GRAINS

**TABLE 20. CEREAL GRAIN HELD AT 31 MARCH 1994, BY STATISTICAL DIVISION**  
(<sup>'000 tonnes</sup>)

<i>Statistical division</i>	<i>Barley held</i>	<i>Oats held</i>	<i>Wheat held</i>
Melbourne	3	1	1
Barwon	6	10	2
Western District	12	34	5
Central Highlands	6	55	9
Wimmera	74	64	73
Mallee	126	23	76
Loddon-Campaspe	33	46	31
Goulburn	10	28	14
Ovens-Murray	5	11	13
East Gippsland	-	1	1
Gippsland	2	1	1
<b>Total Victoria</b>	<b>278</b>	<b>273</b>	<b>225</b>

**BARLEY, OATS AND WHEAT GRAIN ON HAND,  
VICTORIA, AT 31 MARCH (a)**



(a) Changes in scope, see Explanatory Notes, paragraph 4

## SECTION III: PASTURES

### A - PASTURES AND GRASSES

**TABLE 21. AREA, PRODUCTION, AND YIELD OF PASTURES AND GRASSES, VICTORIA, YEAR ENDED 31 MARCH 1991 TO 1994**

	1992			1993			1994		
	Area '000 ha	Production '000 tonnes	Yield tonnes/ha	Area '000 ha	Production '000 tonnes	Yield tonnes/ha	Area '000 ha	Production '000 tonnes	Yield tonnes/ha
Cut for hay -									
Lucerne	33.7	173.7	5.2	34.5	189.9	5.5	35.2	190.6	5.4
Other	436.1	1,550.4	3.6	487.9	1,986.2	4.1	396.0	1,561.0	3.9
Cut for green feed or silage -									
Lucerne	1.4	n.c.	n.c.	1.7	n.c.	n.c.	3.1	n.c.	n.c.
Other	34.5	n.c.	n.c.	44.2	n.c.	n.c.	56.8	n.c.	n.c.
Harvested for seed	20.1	7,009.5	348.2	22.3	8,822.5	395.6	18.1	6,913.7	381.2
<b>Total area of pastures and grasses cropped</b>	<b>525.9</b>	<b>n.c.</b>	<b>n.c.</b>	<b>590.6</b>	<b>n.c.</b>	<b>n.c.</b>	<b>509.2</b>	<b>n.c.</b>	<b>n.c.</b>

**TABLE 22. AREA OF SOWN PASTURES, BY STATISTICAL DIVISION, AT 31 MARCH 1994**  
(<sup>a</sup>'000 hectares)

Statistical division	Other sown pastures(a)		Total
	Pure lucerne		
Melbourne	1	124	125
Barwon	3	268	271
Western District	6	1,261	1,268
Central Highlands	6	470	476
Wimmera	10	812	822
Mallee	10	695	705
Loddon-Campaspe	21	626	647
Goulburn	10	714	724
Ovens-Murray	3	372	374
East Gippsland	4	248	252
Gippsland	3	456	459
<b>Total Victoria</b>	<b>77</b>	<b>6,046</b>	<b>6,122</b>

(a) Includes clovers, medics, legumes and grasses.

**B. STOCKS OF HAY AND SILAGE**  
**TABLE 23. AREA AND PRODUCTION OF HAY BY STATISTICAL DIVISION, YEAR ENDED 31 MARCH 1994**

Statistical division	Grass and clover		Lucerne		Oats		Cereals excluding oats		Other		Total	
	Area ('000 ha)	Prod'n ('000 tonnes)	Area ('000 ha)	Prod'n ('000 tonnes)	Area ('000 ha)	Prod'n ('000 tonnes)	Area ('000 ha)	Prod'n ('000 tonnes)	Area ('000 ha)	Prod'n ('000 tonnes)	Area ('000 ha)	Prod'n ('000 tonnes)
	Melbourne	12	53	-	1	1	3	-	-	-	1	13
Barwon	25	106	2	9	1	5	-	-	-	1	28	122
Western District	104	443	3	11	4	23	-	-	-	10	113	488
Central Highlands	25	89	3	15	6	23	-	-	-	1	34	128
Wimmera	28	77	3	8	4	13	1	2	1	2	35	102
Mallee	12	40	3	16	5	15	2	4	2	4	23	78
Loddon-Campaspe	38	129	12	62	10	41	1	3	1	2	61	237
Goulburn	68	263	6	34	12	49	2	4	1	5	88	355
Ovens-Murray	16	61	1	6	3	11	-	-	-	1	20	79
East Gippsland	12	46	2	22	1	2	-	-	-	-	15	70
Gippsland	58	256	2	7	1	4	-	-	2	6	61	273
<b>Total Victoria</b>	<b>396</b>	<b>1,561</b>	<b>35</b>	<b>191</b>	<b>46</b>	<b>190</b>	<b>5</b>	<b>16</b>	<b>10</b>	<b>33</b>	<b>492</b>	<b>1,991</b>

**TABLE 24. GREEN FEED, SILAGE AND HAY, AREA AND PRODUCTION YEAR ENDED 31 MARCH 1994 AND STOCKS HELD AT 31 MARCH 1994, BY STATISTICAL DIVISION**

Statistical division	Area cut for green feed or silage ('000 ha)				Silage			Hay			
	Lucerne	Other pasture	Cereal crops	Other crops	Total ('000 tonnes)	Made ('000 tonnes)	Held ('000 tonnes)	Area ('000 ha)	Prod'n ('000 tonnes)	Sold ('000 tonnes)	Held ('000 tonnes)
	Melbourne	-	3	-	-	4	12	24	13	59	4
Barwon	-	5	-	3	8	27	36	28	122	11	169
Western District	1	16	1	7	24	109	108	113	488	28	580
Central Highlands	-	1	-	1	3	9	18	34	128	17	202
Wimmera	-	1	-	2	3	3	20	35	102	20	186
Mallee	-	1	1	3	5	2	3	23	78	19	106
Loddon-Campaspe	-	2	2	2	6	29	28	61	237	61	317
Goulburn	-	4	1	2	7	31	33	88	355	61	438
Ovens-Murray	-	5	-	1	5	32	53	20	79	9	143
East Gippsland	-	2	-	2	4	13	18	15	70	5	108
Gippsland	1	18	1	4	23	106	150	61	273	10	398
<b>Total Victoria</b>	<b>3</b>	<b>57</b>	<b>7</b>	<b>26</b>	<b>94</b>	<b>372</b>	<b>490</b>	<b>492</b>	<b>1,991</b>	<b>245</b>	<b>2,740</b>

## SECTION IV: FRUIT

## FRUIT SUMMARY

TABLE 25. ORCHARD FRUIT AND BERRIES AREA, NUMBER OF TREES AND PRODUCTION (a), VICTORIA, SEASONS 1992 TO 1994

Item	1992			1993			1994		
	Total estab- lish- -ments	Total trees ( '000)	Produc- tion ( '000 tonnes)	Total estab- lish- -ments	Total trees ( '000)	Produc- tion ( '000 tonnes)	Total estab- lish- -ments	Total trees ( '000)	Produc- tion ( '000 tonnes)
<b>Pome -</b>									
Apples	499	1,865	106	513	1,874	109	536	2,023	95
Pears	394	1,251	155	397	1,117	141	423	1,181	134
Nashi	111	416	4	114	461	6	127	417	5
Quinces	9	1	-	20	3	-	31	3	-
<b>Total</b>	<b>567</b>	<b>3,533</b>	<b>264</b>	<b>587</b>	<b>3,454</b>	<b>256</b>	<b>613</b>	<b>3,623</b>	<b>234</b>
<b>Citrus -</b>									
Oranges - Navel	335	571	22	374	629	31	381	667	28
Valencia	349	718	46	374	747	66	389	721	63
Other	30	4	-	48	12	1	41	11	1
Total oranges	394	1,292	69	433	1,388	98	453	1,399	92
Grapefruit	172	69	7	177	54	6	174	53	6
Lemons and limes	172	94	6	184	93	6	188	89	6
Mandarins	215	104	4	220	107	4	244	121	5
Other citrus	19	8	-	38	12	-	43	14	1
<b>Total</b>	<b>451</b>	<b>1,567</b>	<b>85</b>	<b>488</b>	<b>1,654</b>	<b>114</b>	<b>524</b>	<b>1,676</b>	<b>109</b>
<b>Stone and other orchard fruit -</b>									
Apricots	397	270	10	399	263	10	404	299	6
Avocados	72	34	1	77	35	1	83	37	1
Cherries	127	174	2	142	189	2	167	236	2
Nectarines	310	244	5	333	304	6	348	336	6
Olives	32	93	-	51	59	-	73	60	-
Peaches	426	868	36	440	960	37	461	1,086	34
Plums and prunes	371	222	4	372	226	4	428	262	5
Other stone and other orchard fruit	36	13	-	74	22	-	108	29	-
<b>Total</b>	<b>791</b>	<b>1,912</b>	<b>58</b>	<b>828</b>	<b>2,058</b>	<b>65</b>	<b>767</b>	<b>2,344</b>	<b>54</b>

TABLE 25. ORCHARD FRUIT AND BERRIES AREA, NUMBER OF TREES AND PRODUCTION (a), VICTORIA—continued

Item	1992			1993			1994		
	Total establishments	Total trees ('000)	Production (tonnes)	Total establishments	Total trees ('000)	Production (tonnes)	Total establishments	Total trees ('000)	Production (tonnes)
<b>Edible tree nuts -</b>									
Almonds (b)	59	412	2,454	61	418	2,411	83	418	2,898
Chestnuts	60	27	231	77	29	208	124	35	345
Hazelnuts	8	1	1	12	2	1	36	5	1
Walnuts	29	12	47	36	22	52	70	22	65
Other nuts	19	78	1	23	113	12	30	107	37
<b>Total (c)</b>	<b>155</b>	<b>530</b>	<b>5,188</b>	<b>172</b>	<b>584</b>	<b>5,094</b>	<b>264</b>	<b>588</b>	<b>6,243</b>
Item	1992			1993			1994		
	Total establishments	Total area (ha)	Production (tonnes)	Total establishments	Total area (ha)	Production (tonnes)	Total establishments	Total area (ha)	Production (tonnes)
<b>Berries and small fruits -</b>									
Blueberries	16	20	107	22	30	131	40	55	131
Kiwi Fruit (Chinese Gooseberries)	23	224	2,380	25	241	2,317	36	285	2,593
Loganberries	4	1	1	13	3	5	15	6	3
Raspberries	40	116	279	49	114	341	58	116	266
Strawberries	100	269	1,976	104	265	2,333	123	330	3,145
Other berries and small fruits	19	17	67	28	19	90	31	21	64
<b>Total</b>	<b>168</b>	<b>648</b>	<b>4,811</b>	<b>185</b>	<b>672</b>	<b>5,217</b>	<b>233</b>	<b>811</b>	<b>6,202</b>
<b>Grapes -</b>									
Red	1,039	3,753	40,047	1,072	3,950	33,777	1,215	4,375	42,240
White	1,719	15,718	391,729	1,788	16,122	277,251	1,960	16,671	316,997
<b>Total</b>	<b>1,765</b>	<b>19,471</b>	<b>431,776</b>	<b>1,833</b>	<b>20,063</b>	<b>311,028</b>	<b>2,033</b>	<b>21,046</b>	<b>359,233</b>

(a) Production year ended 31 March except for apples, pears and almonds, refer to Explanatory Notes paragraph 5. (b) Kernel weight production. (c) Shell weight production.

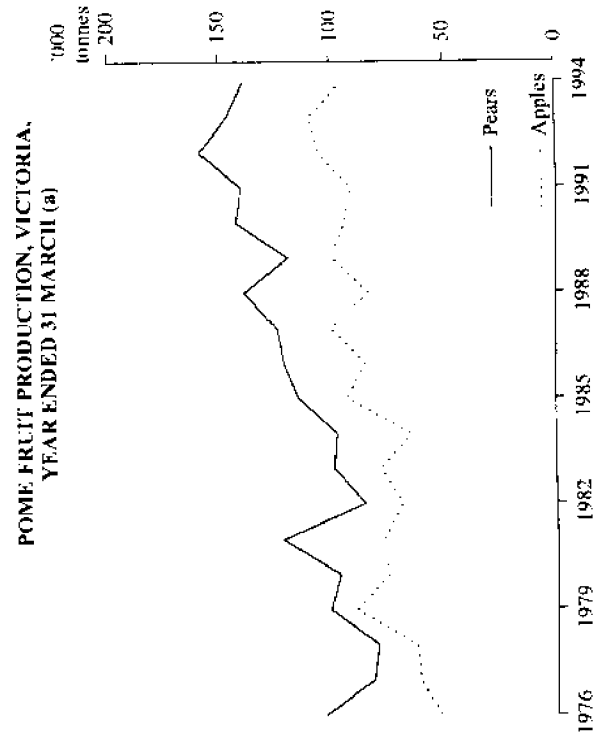


## POME FRUIT

TABLE 26. POME FRUIT, TREES BY AGE AND PRODUCTION BY STATISTICAL DIVISION, SEASON 1994 (a)

Statistical division	Apples			Pears (b)			Total pome (c)		
	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes)	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes)	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes)
Melbourne	245	435	28,152	10	46	3,347	256	482	3,347
Barwon	-	2	62	-	1	15	-	2	15
Western District	4	9	336	-	-	5	4	9	5
Central Highlands	8	85	5,089	4	12	420	12	97	420
Wimmera	-	1	23	-	-	11	-	2	11
Mallee	-	1	22	-	-	6	-	1	6
Loddon-Campaspe	87	203	6,283	2	17	956	89	220	956
Goulburn	267	426	43,368	116	1,368	134,090	383	1,796	134,090
Ovens-Murray	24	156	8,463	5	12	52	29	167	52
East Gippsland	7	2	22	-	-	1	7	2	1
Gippsland	13	48	2,836	1	3	67	14	51	67
<b>Total Victoria</b>	<b>655</b>	<b>1,368</b>	<b>94,657</b>	<b>138</b>	<b>1,459</b>	<b>138,967</b>	<b>794</b>	<b>2,830</b>	<b>138,967</b>

(a) Refer to Explanatory Notes paragraph 5. (b) Includes Nashi. (c) Includes 3,281 'other pome' trees (573 under 6 years and 2,708 6 years and over).



## CITRUS FRUIT

TABLE 27. CITRUS FRUIT, TREES BY AGE AND PRODUCTION BY STATISTICAL DIVISION, SEASON 1994

Statistical division	Oranges - Navel			Oranges - Valencia			Oranges - other			Oranges - total		
	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes)	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes)	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes)	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes)
Melbourne	-	1	1	-	-	-	-	-	-	-	-	1
Mallee	215	391	26,757	33	627	60,163	3	6	511	251	1,024	87,430
Goulburn	21	31	1,389	14	40	2,858	-	-	12	36	71	4,260
Ovens-Murray	-	7	349	-	7	320	-	1	11	-	15	679
<b>Total Victoria</b>	<b>236</b>	<b>431</b>	<b>28,495</b>	<b>47</b>	<b>674</b>	<b>63,341</b>	<b>3</b>	<b>7</b>	<b>533</b>	<b>287</b>	<b>1,112</b>	<b>92,369</b>

Statistical division	Grapefruit			Lemons and limes			Mandarins			Other citrus			Total citrus		
	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes)	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes)	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes)	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes)	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes)
Melbourne	-	-	4	4	11	660	-	-	-	-	-	-	4	12	665
Barwon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mallee	2	44	5,202	2	43	3,621	44	76	4,597	4	10	303	303	1,197	101,434
Goulburn	2	5	343	13	13	1,390	-	-	36	-	-	47	47	89	6,033
Ovens-Murray	-	1	20	-	5	222	-	-	11	-	-	1	1	22	931
East Gippsland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gippsland	-	-	-	-	-	20	-	-	-	-	-	1	1	-	20
<b>Total Victoria</b>	<b>4</b>	<b>49</b>	<b>5,570</b>	<b>17</b>	<b>72</b>	<b>5,913</b>	<b>44</b>	<b>77</b>	<b>4,643</b>	<b>4</b>	<b>10</b>	<b>356</b>	<b>356</b>	<b>1,321</b>	<b>109,084</b>

TABLE 28. STONE FRUIT, TREES BY AGE AND PRODUCTION BY STATISTICAL DIVISION, SEASON 1994

Statistical division	Apricots				Avocados				Cherries			
	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes)	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes)	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes)	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes)
Melbourne	-	1	2	-	-	-	29	49	-	-	-	1,006
Barwon	-	-	30	-	-	-	-	-	-	-	-	-
Western District	-	-	-	-	-	-	-	-	-	-	-	-
Central Highlands	1	3	126	-	-	-	2	11	-	-	19	-
Wimmera	-	1	20	-	-	-	-	-	-	-	-	-
Mallee	18	44	1,029	7	30	936	-	-	-	-	5	-
Loddon-Campaspe	-	-	3	-	-	-	3	1	-	-	15	-
Goulburn	82	147	4,766	-	-	-	65	39	-	-	499	-
Ovens-Murray	-	1	1	-	-	-	10	25	-	-	398	-
East Gippsland	-	-	-	-	-	-	-	-	-	-	-	-
Gippsland	-	-	-	-	-	-	-	-	-	-	1	-
<b>Total Victoria</b>	<b>102</b>	<b>197</b>	<b>5,976</b>	<b>7</b>	<b>30</b>	<b>936</b>	<b>110</b>	<b>126</b>	<b>936</b>	<b>110</b>	<b>126</b>	<b>1,943</b>

Statistical division	Nectarines				Olives				Peaches			
	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes)	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes)	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes)	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes)
Melbourne	21	19	506	-	-	1	52	56	1	-	-	1,712
Barwon	-	-	50	-	-	-	-	-	-	-	-	105
Western District	-	-	-	-	-	-	-	-	-	-	-	-
Central Highlands	2	3	156	-	1	-	2	3	-	2	3	88
Wimmera	1	1	14	-	39	161	1	2	161	1	2	34
Mallee	104	94	4,216	3	13	243	65	46	243	65	46	2,259
Loddon-Campaspe	-	-	-	1	-	-	-	-	-	-	-	2
Goulburn	61	23	1,120	1	-	2	412	433	2	412	433	29,450
Ovens-Murray	2	1	25	-	-	-	4	3	-	4	3	131
East Gippsland	-	-	15	-	-	-	1	1	-	1	1	62
Gippsland	1	2	23	-	1	2	2	3	-	2	3	32
<b>Total Victoria</b>	<b>193</b>	<b>143</b>	<b>6,126</b>	<b>5</b>	<b>54</b>	<b>410</b>	<b>538</b>	<b>547</b>	<b>410</b>	<b>538</b>	<b>547</b>	<b>33,875</b>

TABLE 28. STONE FRUIT, TREES BY AGE, AND PRODUCTION BY STATISTICAL DIVISION, SEASON 1994—continued

Statistical division	Plums and prunes			Other stone and other orchard fruit			Production (tonnes)	Total stone and other orchard fruit		
	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes)	Trees under 6 years ('000)	Trees 6 years and over ('000)	Trees under 6 years ('000)		Trees 6 years and over ('000)	Production (tonnes)	
Melbourne	6	8	183	8	3	116	136	3,515		
Barwon	-	-	500	-	-	-	1	685		
Western District	-	-	-	-	-	-	-	-		
Central Highlands	1	1	22	-	-	8	21	412		
Wimmera	-	-	15	-	-	2	42	245		
Mallee	57	63	1,629	6	5	261	296	10,404		
Loddon-Campaspe	-	-	2	-	-	5	1	22		
Goulburn	58	64	2,121	5	1	684	707	37,980		
Ovens-Murray	-	1	2	1	-	17	31	561		
East Gippsland	-	-	-	-	-	2	2	77		
Gippsland	1	2	26	-	-	4	8	85		
<b>Total Victoria</b>	<b>123</b>	<b>138</b>	<b>4,500</b>	<b>20</b>	<b>9</b>	<b>1,099</b>	<b>1,245</b>	<b>53,986</b>		

TABLE 29. NUT TREES BY AGE, AND PRODUCTION BY STATISTICAL DIVISION, SEASON 1994

Statistical division	Almonds				Chestnuts				Other				Total edible tree nuts			
	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes/t)	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes)	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes)	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes)	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes/b)	
Melbourne	-	3	236	1	2	28	1	1	3	3	6	3	3	6	503	
Barwon	-	2	27	-	-	-	-	-	-	-	-	-	-	2	54	
Western District	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Central Highlands	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wimmera	-	2	-	-	-	-	25	30	-	25	32	-	-	1	-	
Mallee	19	386	2,632	-	-	-	31	18	-	50	405	-	-	2	5,301	
Loddon-Campaspe	2	1	1	1	-	-	3	1	-	6	2	-	-	2	2	
Goulburn	-	-	2	1	1	38	6	4	-	7	6	5	7	6	44	
Ovens-Murray	-	2	-	5	21	275	4	7	-	49	30	49	8	30	325	
East Gippsland	-	-	-	-	-	1	-	1	-	9	1	9	1	1	10	
Gippsland	-	-	-	-	-	3	1	2	-	1	2	1	1	2	5	
<b>Total Victoria</b>	<b>22</b>	<b>397</b>	<b>2,898</b>	<b>10</b>	<b>25</b>	<b>345</b>	<b>71</b>	<b>65</b>	<b>102</b>	<b>102</b>	<b>486</b>	<b>102</b>	<b>102</b>	<b>486</b>	<b>6,243</b>	

(a) Kernel weight. (b) Shell weight.

## BERRIES AND SMALL FRUITS

TABLE 30. BERRIES AND OTHER SMALL FRUIT BY AGE, AREA AND PRODUCTION BY STATISTICAL DIVISION, SEASON 1994

Statistical division	Blueberries			Kiwi Fruit (Chinese Gooseberries)			Loganberries		
	Not yet bearing area (ha)	Bearing area (ha)	Production (tonnes)	Not yet bearing area (ha)	Bearing area (ha)	Production (tonnes)	Not yet bearing area (ha)	Bearing area (ha)	Production (tonnes)
Melbourne	1	13	42	4	22	276	1	2	2
Barwon	1	4	6	-	1	-	1	-	-
Western District	-	-	-	-	-	-	-	-	-
Central Highlands	-	1	3	1	4	4	-	-	-
Mallee	-	-	-	-	-	-	-	-	-
Loddon-Campaspe	2	2	-	-	-	-	-	-	-
Goulburn	1	6	16	6	205	1,815	-	-	-
Ovens-Murray	2	14	58	1	27	342	-	1	-
East Gippsland	-	-	-	-	8	104	-	-	-
Gippsland	1	7	6	-	7	51	-	1	1
<b>Total Victoria</b>	<b>6</b>	<b>48</b>	<b>131</b>	<b>11</b>	<b>274</b>	<b>2,593</b>	<b>2</b>	<b>4</b>	<b>3</b>

Statistical division	Raspberries			Strawberries			Other berries etc.		
	Not yet bearing area (ha)	Bearing area (ha)	Production (tonnes)	Not yet bearing area (ha)	Bearing area (ha)	Production (tonnes)	Not yet bearing area (ha)	Bearing area (ha)	Production (tonnes)
Melbourne	7	61	145	54	193	2,599	1	11	66
Barwon	1	1	-	1	2	32	-	-	3
Western District	-	-	-	-	2	10	-	-	3
Central Highlands	-	1	4	-	-	5	-	-	6
Mallee	-	-	-	2	2	2	-	-	2
Loddon-Campaspe	-	3	10	-	1	13	-	1	2
Goulburn	2	20	58	24	35	386	-	3	270
Ovens-Murray	4	11	36	-	5	40	1	1	59
East Gippsland	-	2	5	-	2	30	-	-	12
Gippsland	-	3	7	1	4	27	-	2	25
<b>Total Victoria</b>	<b>14</b>	<b>102</b>	<b>266</b>	<b>82</b>	<b>247</b>	<b>3,145</b>	<b>2</b>	<b>19</b>	<b>695</b>

TABLE 31. APPLES, NUMBER OF TREES AND PRODUCTION BY VARIETY, VICTORIA, SEASONS 1993 AND 1994

Variety	1993					1994		
	Trees under 6 years ('000)	Trees 6 years and over ('000)	Total trees ('000)	Fresh fruit production ('000 tonnes)	Trees under 6 years ('000)	Trees 6 years and over ('000)	Total trees ('000)	Fresh fruit production ('000 tonnes)
Abas	3	10	13	1	2	9	11	-
Crofton	1	7	9	1	2	6	8	-
Delicious - Golden	53	153	206	15	68	162	230	14
Red	230	397	627	24	145	449	594	20
Ordinary	1	14	16	1	3	22	24	1
Granny Smith	57	349	406	46	48	371	418	42
Gravenstein	3	6	9	-	2	7	9	-
Jonathan	9	190	199	14	4	174	178	10
Lady Williams	72	53	125	4	20	108	129	3
Other varieties	216	48	264	4	363	59	422	4
<b>Total</b>	<b>647</b>	<b>1,227</b>	<b>1,874</b>	<b>109</b>	<b>655</b>	<b>1,368</b>	<b>2,023</b>	<b>95</b>

TABLE 32. PEARS, NUMBER OF TREES AND PRODUCTION BY VARIETY, VICTORIA, SEASONS 1993 AND 1994

Variety	1993					1994		
	Trees under 6 years ('000)	Trees 6 years and over ('000)	Total trees ('000)	Fresh fruit production ('000 tonnes)	Trees under 6 years ('000)	Trees 6 years and over ('000)	Total trees ('000)	Fresh fruit production ('000 tonnes)
Beurre Bosc	39	90	130	8	34	98	132	9
Josephine	11	26	37	4	14	27	41	3
Nashi	254	208	461	6	31	385	417	5
Packham	39	397	436	51	46	422	469	51
WBC (Bartlett)	6	478	484	76	8	508	516	69
Other varieties	18	13	31	2	5	18	23	2
<b>Total</b>	<b>366</b>	<b>1,212</b>	<b>1,578</b>	<b>146</b>	<b>138</b>	<b>1,459</b>	<b>1,597</b>	<b>139</b>

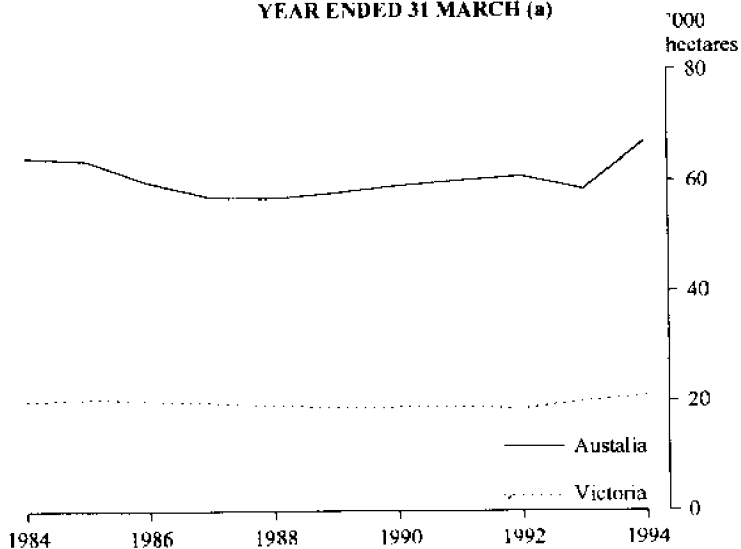
## SECTION V: VITICULTURE

TABLE 33. VITICULTURE SUMMARY, VICTORIA, SEASONS 1992 TO 1994

Item	1992	1993	1994
Number of establishments (a)	1,765	1,833	1,940
Area of grapevines (b) -		'000 hectares	
Red grapes			
Not yet bearing	0.4	0.4	0.5
Bearing	3.4	3.6	3.9
Total red grapes	3.8	3.9	4.4
White grapes			
Not yet bearing	0.6	0.6	1.0
Bearing	15.1	15.5	15.7
Total white grapes	15.7	16.1	16.7
Total area of grapevines	19.5	20.1	21.0
Grape production -		'000 tonnes	
For wine	104.4	118.5	167.1
For drying (c)	294.5	158.7	164.1
For table	32.9	33.7	28.1
Total grape production	431.8	310.9	359.2

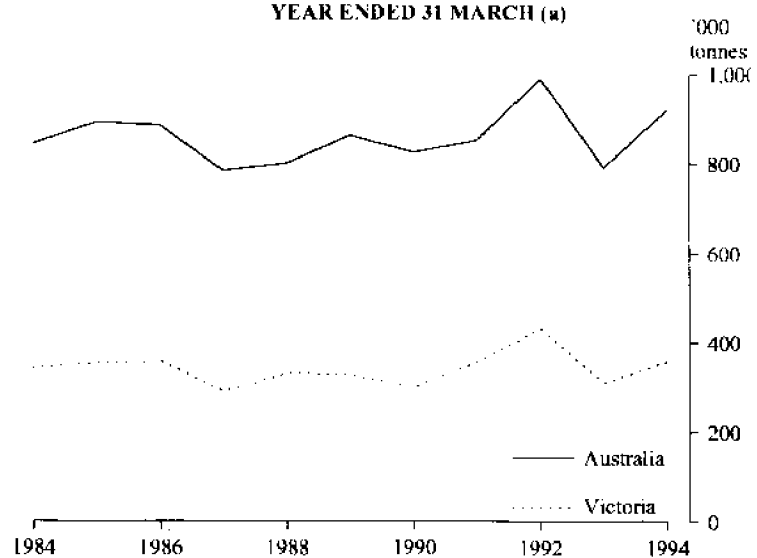
(a) At 31 March. (b) At harvest. (c) Fresh weight.

AREA OF GRAPEVINES,  
YEAR ENDED 31 MARCH (a)



(a) Changes in scope, see Explanatory Notes, paragraph 4

GRAPE PRODUCTION,  
YEAR ENDED 31 MARCH (a)



(a) Changes in scope, see Explanatory Notes, paragraph 4



TABLE 34. AREA OF VINES AT HARVEST 1994, PRODUCTION OF GRAPES BY END USE, BY GRAPE VARIETY, SEASON 1994

Variety	Area of vines at harvest 1994					Production of grapes				
	Bearing vines (ha)	Not yet bearing vines (ha)	Total area of vines (ha)	Wine-making or distillation (a) (tonnes)	Drying (fresh weight) (tonnes)	Other (incl. table) (tonnes)	Total production (tonnes)			
<b>Red grapes -</b>										
Cabernet Sauvignon	765	94	859	6,974	-	-	6,974			
Current (including Carina)	544	74	618	252	10,383	-	10,636			
Grenache	90	2	92	1,205	-	-	1,205			
Mataro	28	3	32	298	-	-	298			
Pinot Noir	305	36	342	2,138	-	-	2,138			
Red Emperor	249	13	262	322	-	2,205	2,527			
Shiraz	576	174	750	5,063	-	-	5,063			
Other red grapes	1,296	124	1,420	7,558	174	5,666	13,398			
<b>Total red grapes</b>	<b>3,853</b>	<b>522</b>	<b>4,375</b>	<b>23,811</b>	<b>10,557</b>	<b>7,871</b>	<b>42,240</b>			
<b>White grapes -</b>										
Chardonnay	1,026	561	1,586	12,491	-	-	12,491			
Chenin Blanc	112	7	119	2,296	-	-	2,296			
Colombard	243	10	253	7,177	-	-	7,177			
Crouchen	30	3	33	757	-	-	757			
Doradillo	57	-	57	1,824	-	-	1,824			
Muscat Blanc (Frontignac)	13	4	18	202	-	-	202			
Muscat Gordo Blanco	1,033	15	1,048	22,346	2,032	-	24,378			
Obenez	107	1	108	132	-	1,000	1,133			
Palomino and Pedro Ximines	15	-	15	131	-	-	131			
Riesling	377	8	385	4,783	-	-	4,783			
Semillon	64	5	69	707	-	-	707			
Sultana - Thompson Seedless	5,628	174	5,802	40,520	65,542	13,556	119,617			
- Other	5,886	133	6,020	42,960	83,972	2,519	129,452			
Trebbiano	32	-	32	229	-	-	229			
Waltham Cross	417	5	422	1,480	1,935	1,227	4,642			
Other white grapes	640	64	704	5,236	19	1,917	7,172			
<b>Total white grapes</b>	<b>15,682</b>	<b>989</b>	<b>16,671</b>	<b>143,272</b>	<b>153,501</b>	<b>20,220</b>	<b>316,996</b>			
<b>TOTAL</b>	<b>19,535</b>	<b>1,511</b>	<b>21,046</b>	<b>167,083</b>	<b>164,058</b>	<b>28,092</b>	<b>359,233</b>			

(a) Includes grapes sold through the 'box trade'.

TABLE 35. AREA OF GRAPEVINES, PRODUCTION AND AVERAGE YIELD BY VARIETY, VICTORIA, SEASONS 1992 TO 1994

Variety	1992			1993			1994		
	Total area of vines (a) ('000 ha)	Production ('000 tonnes)	Average yield (b) (tonnes/ha)	Total area of vines (a) ('000 ha)	Production ('000 tonnes)	Average yield (b) (tonnes/ha)	Total area of vines (a) ('000 ha)	Production ('000 tonnes)	Average yield (b) (tonnes/ha)
<b>Red grapes -</b>									
Cabernet Sauvignon	0.7	5.6	9.4	0.8	5.0	7.4	0.9	7.0	9.1
Current (including Carina)	0.5	11.5	22.5	0.6	6.4	11.8	0.6	10.4	19.1
Grenache	0.1	1.2	14.1	0.1	0.8	9.6	0.1	1.2	13.4
Mataro	-	0.3	11.3	-	0.2	7.1	-	0.3	10.5
Pinot Noir	0.3	1.7	7.2	0.3	1.9	7.4	0.3	2.1	7.0
Red Emperor	0.3	3.2	12.7	0.2	3.0	12.6	0.3	2.5	10.2
Shiraz	0.6	4.7	8.8	0.6	4.5	8.3	0.8	5.1	8.8
Other red grapes	1.3	11.8	9.9	1.3	12.0	9.7	1.4	13.4	10.3
<b>Total red grapes</b>	<b>3.8</b>	<b>40.0</b>	<b>11.6</b>	<b>3.9</b>	<b>33.8</b>	<b>9.4</b>	<b>4.4</b>	<b>42.2</b>	<b>10.9</b>
<b>White grapes -</b>									
Chardonnay	0.9	10.7	13.7	1.1	12.3	13.4	1.6	12.5	12.2
Chenin Blanc	0.1	1.9	20.2	0.1	2.0	17.4	0.1	2.3	20.5
Colombard	0.2	6.7	30.2	0.3	6.8	27.6	0.3	7.2	29.6
Crouchen	-	0.9	20.7	-	0.7	22.9	-	0.8	25.1
Doradillo	0.1	2.1	37.8	0.1	1.4	25.3	0.1	1.8	32.0
Muscat Blanc (Frontignac)	-	0.1	14.1	-	0.2	17.9	-	0.2	15.0
Muscat Gordo Bianco	1.1	29.8	27.7	1.0	23.5	23.3	1.0	24.4	23.6
Ohazez	0.1	1.8	12.9	0.1	1.0	9.5	0.1	1.1	10.6
Palomino and Pedro Ximines	-	0.3	16.3	-	0.2	9.0	-	0.1	8.6
Riesling	0.4	5.0	13.7	0.4	5.0	13.3	0.4	4.8	12.7
Semillon	0.1	0.6	10.7	0.1	0.5	8.7	0.1	0.7	11.0
Sultana - Thompson Seedless	6.2	167.0	27.9	5.5	99.8	18.4	5.8	119.6	21.3
- Other	5.3	148.6	28.9	6.2	112.4	18.6	6.0	129.5	22.0
Trebbiano	-	0.3	8.7	-	0.2	6.4	-	0.2	7.1
Waltham Cross	0.5	8.4	16.5	0.4	4.2	9.7	0.4	4.6	11.1
Other white grapes	0.7	7.5	12.9	0.7	7.0	11.7	0.7	7.2	11.2
<b>Total white grapes</b>	<b>15.7</b>	<b>391.7</b>	<b>25.9</b>	<b>16.1</b>	<b>277.2</b>	<b>17.9</b>	<b>16.7</b>	<b>317.0</b>	<b>20.2</b>
<b>TOTAL</b>	<b>19.5</b>	<b>431.8</b>	<b>23.4</b>	<b>20.1</b>	<b>310.9</b>	<b>16.3</b>	<b>21.0</b>	<b>359.2</b>	<b>18.4</b>

(a) At harvest. (b) Yield is production per hectare of bearing vines.

TABLE 36. AREA OF GRAPE VINES AT HARVEST 1994 BY STATISTICAL DIVISION

Statistical division	Red grapes ('000 ha)			White grapes ('000 ha)			Total grapes ('000 ha)					
	Number of establishments	Not yet bearing	Bearing	Total	Number of establishments	Not yet bearing	Bearing	Total	Number of establishments	Not yet bearing	Bearing	Total
Melbourne	67	-	0.3	0.3	64	-	0.2	0.2	70	0.1	0.4	0.5
Barwon	18	-	0.1	0.1	19	-	-	0.1	22	-	0.1	0.1
Western District	9	-	0.1	0.1	10	-	-	-	10	-	0.1	0.1
Central Highlands	21	-	0.2	0.2	20	-	0.2	0.2	24	0.1	0.3	0.4
Wimmera	11	-	0.1	0.1	11	-	0.1	0.1	12	-	0.1	0.1
Mallee	894	0.2	2.0	2.3	1,663	0.8	14.4	15.2	1,682	1.0	16.4	17.5
Loddon-Campaspe	36	-	0.2	0.2	31	-	0.1	0.1	41	-	0.2	0.3
Goulburn	70	0.1	0.4	0.4	59	-	0.3	0.4	79	0.1	0.7	0.8
Ovens-Murray	62	0.1	0.6	0.7	59	-	0.4	0.4	65	0.1	0.9	1.0
East Gippsland	9	-	-	-	9	-	-	-	9	-	-	-
Gippsland	18	-	-	0.1	15	-	-	0.1	19	-	0.1	0.1
<b>Total Victoria</b>	<b>1,215</b>	<b>0.5</b>	<b>3.9</b>	<b>4.4</b>	<b>1,960</b>	<b>1.0</b>	<b>15.7</b>	<b>16.7</b>	<b>2,033</b>	<b>1.5</b>	<b>19.5</b>	<b>21.0</b>

TABLE 37. PRODUCTION OF GRAPES BY STATISTICAL DIVISION, SEASON 1994 ('000 tonnes)

Statistical division	Red grapes			White grapes			Total grapes					
	For wine	For drying(a)	For table	Total	For wine	For drying(a)	For table	Total	For wine	For drying(a)	For table	Total
Melbourne	1.6	-	-	1.6	1.1	-	-	1.1	2.7	-	-	2.7
Barwon	0.4	-	-	0.4	0.3	-	-	0.3	0.6	-	-	0.6
Western District	0.2	-	-	0.2	0.1	-	-	0.1	0.3	-	-	0.3
Central Highlands	0.8	-	-	0.8	0.5	-	-	0.5	1.3	-	-	1.3
Wimmera	0.3	-	-	0.3	0.4	-	-	0.4	0.7	-	-	0.7
Mallee	11.8	10.5	7.8	30.1	133.5	153.2	20.1	306.9	145.4	163.8	27.9	337.0
Loddon-Campaspe	0.5	-	-	0.5	0.3	0.3	-	0.5	0.7	0.3	-	1.0
Goulburn	2.9	-	0.1	3.0	3.3	-	0.1	3.4	6.2	-	0.2	6.4
Ovens-Murray	5.1	-	-	5.1	3.6	-	-	3.6	8.7	-	-	8.7
East Gippsland	-	-	-	-	-	-	-	-	0.1	-	-	0.1
Gippsland	0.2	-	-	0.2	0.1	-	-	0.1	0.3	-	-	0.3
<b>Total Victoria</b>	<b>23.8</b>	<b>10.6</b>	<b>7.9</b>	<b>42.2</b>	<b>143.3</b>	<b>153.5</b>	<b>20.2</b>	<b>317.0</b>	<b>167.1</b>	<b>164.1</b>	<b>28.1</b>	<b>359.2</b>

(a) Fresh weight.

**APPROXIMATE TIMES OF SOWING OR PLANTING AND HARVESTING OF PRINCIPAL CROPS**

Item	Time of sowing or planting	Harvesting period
<b>Cereals -</b>		
Barley	May - July	November - January
Maize	October - December	April - June
Oats	March - June	October - January
Rye	April - June	October - December
Wheat	May - July	November - January
<b>Fruit -</b>		
Almonds	n.a.	February
Apples	n.a.	January - May
Apricots	n.a.	November - February
Cherries	n.a.	November - January
Grapes	n.a.	February - March
Lemons	n.a.	All year
Oranges	n.a.	All year
Peaches	n.a.	December - March
Pears	n.a.	January - March
Raspberries	n.a.	February - March
Strawberries	n.a.	October - March
<b>Other crops -</b>		
Field peas	May - July	November - January
Hops	September - October	February - March
Linseed	April - June	September - December
	August - September in cooler areas	January - March
Lupins	April - May	October - December
Canola/Rapeseed	April - June	November - January
	August - October in cooler areas	January - March
Safflower	May - August	September - January
	September - November in cooler areas	March - April
Sunflower	October - December	February - April
Tobacco	October - November	January - April
<b>Vegetables -</b>		
Beans, french and runner	September - January	January - March
Peas	February - September	July - January
Potatoes	All year	All year
Tomatoes	August - December	January - May

Note: variations from the periods specified above may occur due to varieties of seed, climate, soil, farm schedule, or labour availability.

## EXPLANATORY NOTES

\*\*\*\*\*

### Introduction

1. This publication contains for 1993-94 details of area, production, and in some cases yield, of cereal, other field, vegetable, and fruit crops. Tables providing information on the value of crop production are also included.

Most statistics in this publication are derived from the annual Agricultural Census conducted at 31 March which collects commodity data from Victorian establishments with agricultural activity.

### Scope and coverage

2. The 1993-94 Agricultural Census includes those establishments with an Estimated Value of Agricultural Operations (EVAO) of \$5,000 or more. The tables are based on this scope. In both 1991-92 and 1992-93 the scope of the census was those establishments undertaking agricultural activity having an EVAO of \$22,500 or more.

3. The change in scope means that the current census results are not directly comparable with previous census results. To assist users in making comparisons, selected 1993-94 census data have been retabulated on both \$5,000 and \$22,500 EVAO basis (Table 1).

4. Time series graphs presented in this publication do not show breaks in series caused by the changes in scope as outlined above.

5. Owing to the differing climatic conditions which govern the period of the harvesting of crops and fruit it is not possible to define with any degree of precision what period is covered by the term 'season'. As a general rule, however, a season can be taken to cover production of most crops including fruit during the year ended 31 March, with the remainder during the period commencing with the previous November, and ending with the following May. Area of crops, therefore, comprises those crops harvested during the year ended 31 March and those crops planted before 31 March but not harvested by that date.

### Industry Classification

6. The Australian and New Zealand Standard Industrial Classification (ANZSIC) defines the industries of the economy for statistical purposes, thus permitting the scope of the different economic statistical collections to be specified without gaps or overlapping among them. It also sets out standard rules for identifying the economic units referred to in these tables (i.e. establishments and enterprises) and for coding them to the industries of the Classification.

### Definitions

7. An *establishment* covers all operations carried out at a single physical location.

8. Establishments within the agricultural sector have been classified in accordance with the methodology used in the 1993 edition of the *Australian and New Zealand Standard Industrial Classification* (ANZSIC). ANZSIC replaces the Australian Standard Industrial Classification (ASIC).

9. The basic method for determining the industry class of an economic unit is the 'step by step' method of classification as described in Chapter 4 of the *Australian Standard Industrial Classification* (1201.0). Certain departures from this basic method are outlined in the descriptions of individual classes within ASIC *Subdivision 01: Agriculture*. ANZSIC uses the same methodology. The basic method requires that the ANZSIC Division code of the unit be determined first. The ANZSIC Subdivision code within the major ANZSIC Division of the unit is then determined, followed by the ANZSIC Group code and finally the ANZSIC Class code of the unit.

10. The ANZSIC Group and Class codes of agricultural units are determined annually by valuing physical crop and livestock activity undertaken by each unit (as reported in the Agricultural Census), assessing that unit's *PREDOMINANT ACTIVITY* according to the derived estimated value and then attributing the unit to the ANZSIC Group and Class appropriate to that activity. The aggregation of derived values for all crop and livestock activity for each unit is termed the ESTIMATED VALUE OF AGRICULTURAL OPERATIONS (EVAO).

It should be clearly noted that EVAO is applicable only for industry coding and size valuation purposes. It is NOT an indicator of receipts obtained by units nor of the value of agricultural commodities produced by these units.

11. The method of calculating EVAO is by using a weighted average over a three year period.

#### Financial statistics

12. The gross value of commodities shown in Table 5 is the value placed on recorded production at the wholesale prices realised in the market place.

In general, the market places are the metropolitan markets in each State. In cases where commodities are consumed locally, or where they become raw material for a secondary industry, these points are presumed to be the market places.

13. Gross value of agricultural commodities produced involves some duplication, as it includes certain agricultural commodities which are consumed as raw materials to produce other agricultural commodities (e.g. hay consumed by livestock).

14. Values include any relevant subsidy and bounty payments.

#### Related publications

15. Refer to the back cover for other agricultural publications produced by the ABS Victoria. Users may also wish to refer to the following ABS publication which is available on request:

*Agricultural Industries, Financial Statistics, Australia* (7507.0) (annual)

16. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0), which is available from any ABS office.

#### AgStats

17. *AgStats* contains data for all commodities and areas within Australia, at the statistical local area level of aggregation and is available on magnetic tape, microfiche and computer disk. Details are contained in *AgStats, Australia (revised edition)*(7107.0) available free upon request.

18. *AgStats* are available by statistical local area levels of aggregation in Victoria on microfiche from 1976-77 onwards and computer disk from 1982-83 to 1993-94 inclusive.

Unpublished agricultural statistics

19. In some cases the ABS can also provide additional information which is unpublished such as at the parish level of aggregation. In general a charge is made for this service.

Symbols and other usages

n.e.c. not elsewhere classified

r figures or series revised since previous issue

- nil or rounded to zero

n.c. not collected

n.a. not available

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

Acknowledgements

My thanks to farmers in Victoria and the staff of the Agriculture sub-section and the Communications Unit who have made this publication possible.

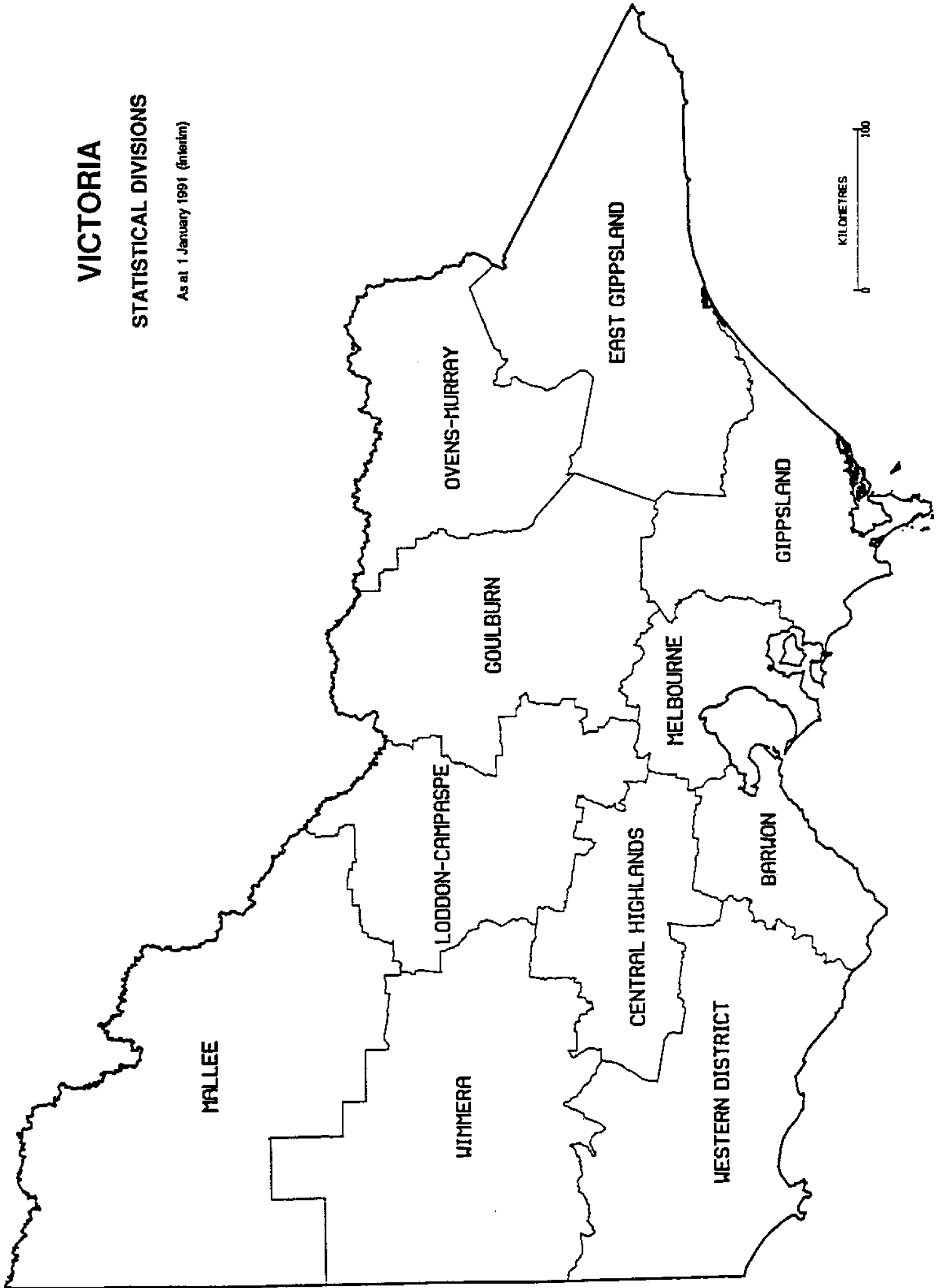
**STUART JACKSON**

*Deputy Commonwealth Statistician*

# VICTORIA

## STATISTICAL DIVISIONS

As at 1 January 1991 (Interim)



KILOMETRES  
100



## AgStats

**AgStats** is a personal-computer package containing the Australian Bureau of Statistics' set of Agricultural Census small area commodity data and a program to interrogate these data.

Over 1,300 individual statistical local areas, covering all of Australia, can be cross-referenced with any or all of over 800 commodity data items. Complete regional profiles of agricultural activity and production can be obtained for any individual area, or aggregates up to State or Australian level.

**AgStats** contains data on a wide range of agricultural activities such as grazing of cattle and sheep, dairying, pigs and poultry, crops and pastures, fruit and vegetables, and fertilizer used. **AgStats** now has the option of including the estimated **Value of Agricultural Commodities Produced (VACP)** data.

Currently available are production data for each of the years from 1982-83 to 1993-94 and VACP for 1991-92 and 1992-93. VACP for 1993-94 will be available by mid year.

To use **AgStats** on your microcomputer, you will need:

- an IBM compatible microcomputer
- DOS version 3 or higher
  
- at least 4 Mb hard disk space for Vic State package, or
- a hard disk with 20 Mb for Total package
- 640 Kb of RAM minimum

### PRICES (per year)

The package includes complete sets of States data, plus Australian summary by State -

Commodity only	\$2,700
VACP only	\$1,200
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Commodity and VACP	\$620

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For further details contact Winton McColl on (03) 615 7000.



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### **Information Consultancy Service**

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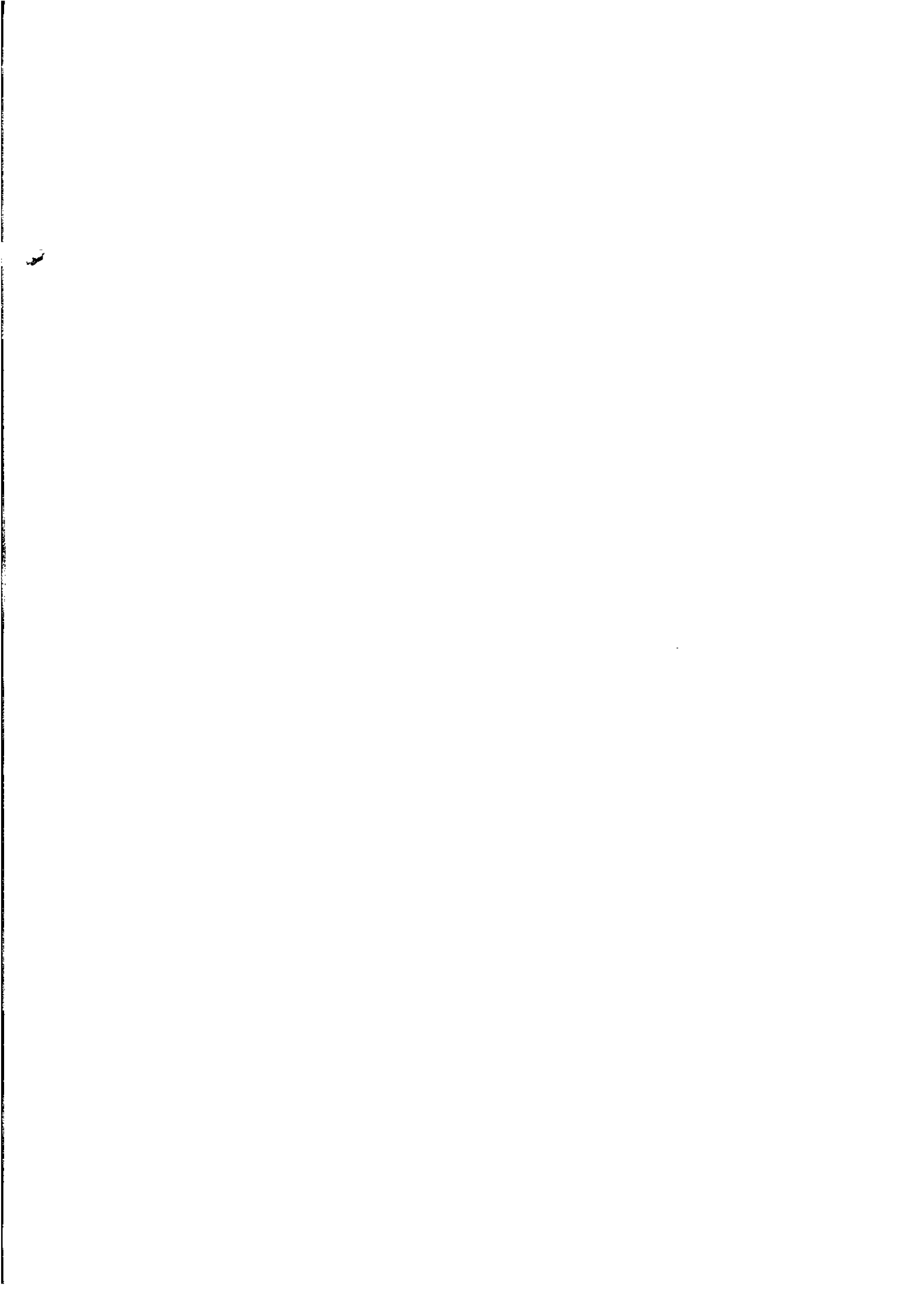
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# ABS data on agricultural activity

PRINTED VICTORIAN PUBLICATIONS FOR 1993-94

## Principal Agricultural Commodities - Preliminary *Cat. no. 7111.2*

- Area and production of principal cereals and legumes for grain
- Area intended to be sown to cereals
- Farm stocks of cereal grains, hay and silage
- Livestock numbers, shearing and wool production, lambing and intended matings

## Agriculture Statistics - Selected Small Area Data *Cat. no. 7120.2*

- Summary of Agricultural Land Use in Statistical Local Areas by Statistical Division
- Summary of Agricultural Activity undertaken in Statistical Local Areas by Statistical Division

## Livestock and Livestock Products *Cat. no. 7221.2*

- Number of cattle, sheep, pigs, poultry, lambing, and livestock products
- Beekeeping, other livestock, wool statistics, value of livestock slaughterings and products
- Numbers and area of establishments by size of meat and milk herd, sheep flock, and pig herd

## Crops, Pastures and Fruit *Cat. no. 7330.2*

- Area and number of agricultural establishments
- Area, production, and yield of: cereals for grain, oilseeds, tobacco, and lupins
- Area and production of vegetables with additional data on pastures, hay, green feed, and silage
- Fruit: Area and type
- For selected citrus, pome, stone, and other fruit: number of trees under 6 years, 6 years and over, and production
- Area and production of berry, vine, and other fruit

## Agricultural Land Use and Selected Inputs *Cat. no. 7411.2*

- Number, area, and land use of establishments with agricultural activity
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- Number of establishments classified by industry of establishment and estimated value of agricultural operations or area of establishment

## Value of Agricultural Commodities Produced *Cat. no. 7503.2*

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- Most of the data presented in the above publications is also available as a special data service at statistical local area and parish levels of aggregation. In general a charge is made. Please contact the Manager, Agriculture, on Melbourne (03) 615 7000 for further information.

