



VICTORIA

Crops, Pastures and Fruit Victoria 1992-93

Catalogue No. 7330.2

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CORRIGENDUM

CROPS, PASTURES AND FRUIT, VICTORIA, 1992-93 CATALOGUE NO. 7330.2 (Issued June 1994)

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.

An output error has been detected that led to a considerable overstatement of figures in Table 14 of the above publication.

The corrected figures are included in the attached replacement table.

**TABLE 14. NUMBER OF ESTABLISHMENTS BY SIZE OF POTATO AREA PLANTED,
BY STATISTICAL DIVISION, VICTORIA, SEASON 1993**

Statistical division	Area of potatoes planted (hectares)							Total number of establishments
	< 5	5-9.9	10-14.9	15-19.9	20-39.9	40-59.9	60 and over	
Melbourne	22	14	13	14	33	18	4	118
Barwon	5	11	8	4	12	11	5	56
Western District	13	7	4	2	15	-	4	45
Central Highlands	26	34	27	20	37	12	4	160
Wimmera	-	-	-	-	-	-	1	1
Mallee	1	-	-	-	-	1	2	4
Loddon-Campaspe	6	3	2	1	2	1	-	15
Goulburn	6	8	4	1	1	1	1	22
Ovens-Murray	2	-	-	1	-	-	-	3
East Gippsland	3	1	-	2	1	1	1	9
Gippsland	18	23	19	15	41	6	10	132
Total Victoria	102	101	77	60	142	51	32	565

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JUNE 1994

Crops, Pastures and Fruit Victoria, 1992-93

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Deputy Commonwealth Statistician



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SUMMARY OF FINDINGS

Cereals for grain

■ The 1992-93 season was generally better than the previous season. The area sown to cereals for grain increased from 1.4 million hectares in 1991-92 to 1.6 million in 1992-93. There was also a 50 per cent increase in the production of cereals for grain, from 2.4 million to 3.6 million tonnes.

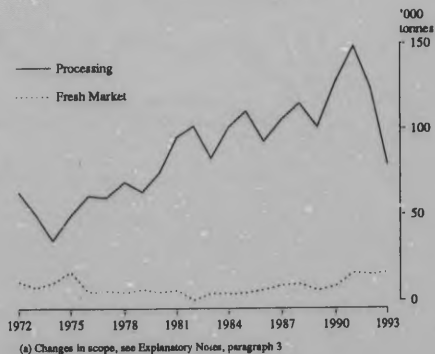
The gross value of cereals for grain increased by 85 per cent from \$413 million in 1991-92 to \$763 million in 1992-93.

■ Area sown to wheat increased from 664,000 hectares in 1991-92 to 821,000 in 1992-93. Production increased from 1,150,000 to 2,015,000 tonnes in 1992-93.

In 1992-93, the value of wheat production increased by 104 per cent to \$447 million upon the previous year. The average unit price of wheat per tonne increased from \$190 to \$222.

Wheat accounted for 59 per cent of the total value of cereals for grain production.

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



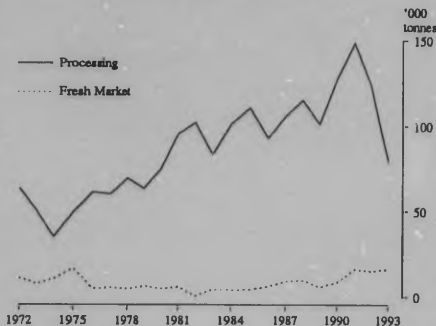
■ The area sown to barley continued to rise, increasing by 3 per cent to 551,000 hectares in 1992-93. Production increased by 25 per cent to 1,116,000 tonnes in the same period.

The gross value of barley produced was \$253 million, 74 per cent higher than the previous season.

Vegetables

■ The area sown to potatoes decreased from 13,600 to 12,000 hectares in 1992-93. Production also decreased from 369,000 to 309,000 tonnes. The number of establishments engaged in growing potatoes decreased from 644 to 565. The gross value of potato production increased 11 per cent to \$99 million.

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



(a) Changes in scope, see Explanatory Notes, paragraph 3

■ Tomato production was 96,000 tonnes, 31 per cent less than the 1991-92 season. The area planted fell from 2,900 hectares to 2,600 hectares.

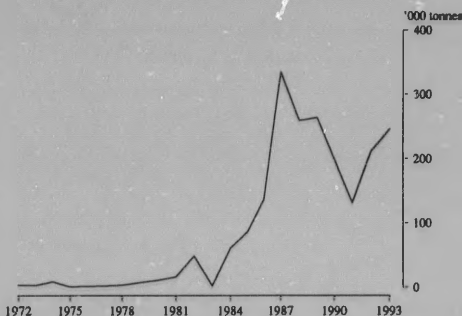
■ Both area and production of green peas for processing decreased significantly. The area decreased by 81 per cent to 162 hectares and production decreased by 86 per cent to 527 tonnes.

■ The production of processing tomatoes and green peas has decreased due to the reduction of contracts to growers from some processing centres. Also to a lesser extent, storm damage affected production of tomatoes in north-central Victoria in late 1992.

Legumes for grain

■ Production of legumes for grain continued its upward trend - increasing 28 per cent from 438,000 to 558,000 tonnes. The crops mainly contributing to this increase were field peas (from 212,000 to 246,000 tonnes), lupins (from 41,000 to 82,000 tonnes) and chick peas (from 113,000 to 127,000 tonnes).

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



(a) Changes in scope, see Explanatory Notes, paragraph 3

Vetch production continued to increase, from 10,000 tonnes and 136 growers, to 26,000 tonnes and 435 growers. The interest in vetches is largely attributed to the export market opportunities in the Middle East.

The gross value of legumes for grain was \$134 million in 1992-93, an increase of 28 per cent on the previous year.

Industrial Crops

■ The total area of oilseeds decreased by 20 per cent in 1992-93 to 37,000 hectares. Production was also down 7 per cent to 41,000 tonnes. As was the situation in 1991-92, Canola/rapeseed and safflower combined represented 91 per cent of the total area, and contributed 87 per cent to the total oilseed production in 1992-93.

■ In 1992-93, hops production decreased 26 per cent to 566 tonnes. The area sown to hops decreased by 5 per cent.

■ Production of tobacco increased 12 per cent to 4,700 tonnes. The area sown to tobacco increased by 7 per cent.

Fodder Crops and Pastures

■ The area of lucerne was 74,000 hectares, a rise of less than 3 per cent on 1991-92. Of the total area, 47 per cent was used for hay production, and 2 per cent for green feed or silage. Lucerne hay production increased by 9 per cent to 190,000 tonnes.

■ Total area and production of hay increased to 586,000 hectares, and 2.4 million tonnes. Grasses and clovers accounted for almost 80 per cent of both area and production.

The gross value of hay produced from fodder crops and pastures was \$278 million. This was 3 per cent lower than in the 1991-92 season.

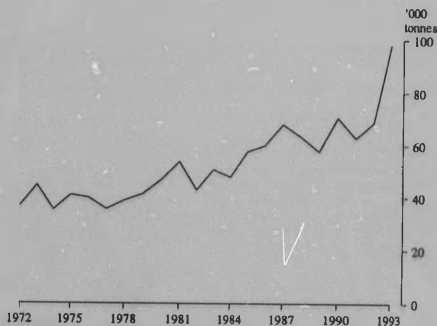
Pome Fruit

- Apple production increased by 4 per cent to 109,000 tonnes.
- Production of pears (excluding nashi) decreased by 9 per cent, from 155,000 tonnes in 1991-92 to 141,000 tonnes in the 1992-93 season.
- Nashi production increased from 3,700 tonnes in 1991-92 to 5,600 tonnes in 1992-93. During the same period, the number of growers increased from 111 to 114.

Citrus Fruit

- In 1992-93, production of oranges increased by 43 per cent to 98,000 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 32 per cent and 67 per cent respectively. The same relativities applied in the 1991-92 season.

ORANGE PRODUCTION, VICTORIA
SEASON 1971-72 TO 1992-93 (a)



(a) Changes in scope, see Explanatory Notes, paragraph 3

- There were movements in production in the following citrus crops: mandarins up 11 per cent to 4,200 tonnes, tangelos up 159 per cent to 274 tonnes, lemon and lime up 6 per cent to 6,200 tonnes and grapefruit down 11 per cent to 5,900 tonnes.

Stone and other Orchard Fruit

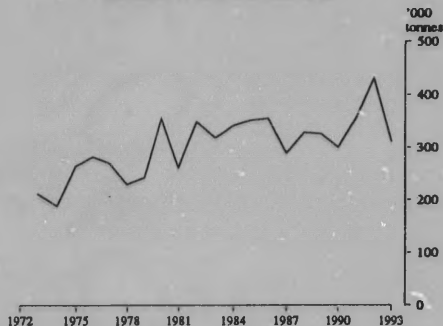
- Production of stone fruit increased from 58,000 tonnes in 1991-92 to 60,000 tonnes in 1992-93. The good growing conditions experienced in 1991-92 were also evident in 1992-93.

Viticulture

■ Production of grapes decreased by 28 per cent from 432,000 tonnes in 1991-92 to 311,000 tonnes in 1992-93. The area of grapevines increased by 3 per cent to 20,100 hectares.

Production of white cultivar grapes decreased by 29 per cent to 277,000 tonnes. Red grape production declined by 16 per cent to 34,000 tonnes. As in season 1991-92, the majority of grapes produced in 1992-93 were white cultivars (89 per cent).

**GRAPE PRODUCTION, VICTORIA,
SEASONS 1972-73 TO 1992-93 (a)**



(a) Changes in scope, see Explanatory Notes, paragraph 3

Of total production, 38 per cent were used for wine making, 51 per cent for drying, and 11 per cent for fresh consumption. Only 36 per cent of white grapes were used for wine making, compared to 54 per cent of red grapes.

The value of grapes produced in Victoria totalled \$162 million in 1992-93, 10 per cent lower than the previous season. Grapes accounted for 36 per cent of the total value of all fruits.

SECTION I: SUMMARY

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

TABLE 1. NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY, AREA, AND LAND UTILISATION, VICTORIA, 1991 TO 1993
(¹000 hectares)

<i>Year ended 31 March</i>	<i>Number of establishments</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>
1991	32,620	2,063	5,546	2,340	2,756	12,705
1992	31,358	2,039	5,662	2,208	2,466	12,374
1993	31,251	2,258	5,435	2,280	2,298	12,271

(a) Includes area double-cropped (b) Refer to table 21 for dissection of lucerne, other sown pasture. (c) Land lying idle, fallow, etc.

TABLE 2. SUMMARY OF AREA OF CROPS, PASTURES, AND FRUIT, VICTORIA, 1991 TO 1993
(¹000 hectares)

<i>Item</i>	<i>Year ended 31 March -</i>		
	<i>1991</i>	<i>1992</i>	<i>1993</i>
Crop -			
Cereals for grain	1,583	1,420	1,638
Legumes for grain	291	382	412
Crops for hay	61	86	64
Crops for green feed or silage	24	27	25
Tobacco	2	2	2
Oilseeds	23	47	37
Hops	—	—	—
Orchard fruit	21	22	24
Other fruit	1	1	1
Grapevines	19	19	20
Vegetables	31	29	28
Other	16	16	46
Total crops (a)	2,063	2,039	2,258
Pastures and grasses -			
Cut for hay	425	470	522
Harvested for seed	22	20	22
Cut for green feed or silage	43	36	46
Total area of harvested pastures and grasses	490	526	591
Total	2,553	2,564	2,848

(a) Includes area double-cropped.

TABLE 3. AREA OF PRINCIPAL CROPS BY STATISTICAL DIVISION, YEAR ENDED 31 MARCH 1993
(hectares)

Statistical division	Cereals for grain	Legumes for grain	Crops for hay	Crops for green feed or silage	Oil-seeds	Orchard fruit	Other fruit
Melbourne	4,106	75	771	665	130	2,704	302
Barwon	20,069	1,800	1,771	1,702	2,055	35	3
Western District	29,703	1,049	5,469	5,567	1,688	89	2
Central Highlands	48,985	1,290	5,855	1,469	3,506	320	3
Wimmera	501,448	214,987	5,343	1,595	20,454	709	—
Mallee	778,818	136,560	10,098	4,261	1,229	8,484	2
Loddon-Campaspe	164,506	35,637	11,803	1,840	5,802	611	5
Goulburn	68,360	15,835	15,931	1,895	1,766	9,407	272
Ovens-Murray	20,020	4,111	3,326	953	526	1,001	55
East Gippsland	1,167	213	1,474	1,423	—	28	8
Gippsland	988	174	1,925	3,996	73	187	19
Total	1,638,170	411,730	63,767	25,366	37,231	23,574	672

Statistical division	Grapevines	Vegetables	Other crops (a)	Total crops	Pastures and grasses	Total (b)
Melbourne	457	9,848	80	21,243	15,598	36,841
Barwon	114	1,756	2	30,027	34,969	64,996
Western District	79	987	39	44,886	127,156	172,041
Central Highlands	363	3,306	22	65,819	40,066	105,885
Wimmera	146	124	371	745,714	51,081	796,795
Mallee	16,928	1,816	11	958,333	27,841	986,174
Loddon-Campaspe	203	1,349	10	221,887	61,692	283,579
Goulburn	736	1,824	65	116,244	97,193	213,437
Ovens-Murray	997	51	2,356	33,427	27,639	61,066
East Gippsland	27	3,253	55	7,862	18,030	25,892
Gippsland	13	3,588	6	12,347	89,341	101,688
Total	20,063	27,903	3,018	2,257,790	590,605	2,848,395

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

TABLE 4. GROSS VALUE OF CROPS, PASTURES, AND FRUIT, VICTORIA, SEASONS 1991 TO 1993
(\$'000) (a)

Item	1991	1992r	1993
Cereals for grain -			
Barley	100,044	145,080	252,860
Oats	31,981	39,355	54,990
Wheat	205,496	218,575	446,574
Other	6,446	9,799	8,358
Legumes for grain -			
Field Peas	36,465	51,925	67,847
Other	26,871	53,258	66,357
Other Crops -			
Hops	2,982	3,505	3,633
Oilseeds	6,968	14,095	16,425
Potatoes	95,639	88,718	98,816
Tobacco	32,080	24,685	25,746
Vegetables (excluding potatoes)	224,963	226,153	250,150
Other	129,918	140,917	165,810
Pastures and crops for hay -			
Lucerne	32,417	38,924	33,547
Other crops	30,344	41,556	25,049
Pastures and grasses	225,176	204,648	219,322
Pastures and grasses harvested for seed	18,128	19,136	23,868
Orchard fruit -			
Apples	65,616	98,546	70,661
Pears	75,963	105,887	85,151
Nashi and other pome	6,104	9,209	8,743
Oranges	24,842	31,712	40,134
Other citrus	9,322	11,235	9,593
Stone and other orchard fruit -			
Apricots	5,303	7,471	3,539
Peaches	17,494	19,085	15,622
Other stone and orchard	23,237	24,448	28,342
Almonds	10,614	12,689	11,591
Other nuts	1,046	1,405	2,122
Small and berry fruit -			
Strawberries	8,008	9,210	9,451
Other berries	2,540	3,355	3,357
Grapes -			
For wine	27,713	41,503	44,296
For drying	95,890	94,485	63,819
For table	34,995	42,632	53,837
Total grapes	158,598	178,621	161,953
Total crops, pastures and fruit	1,614,605	1,833,400	2,209,610
Total agriculture (b)	4,689,183	4,822,063	5,410,444

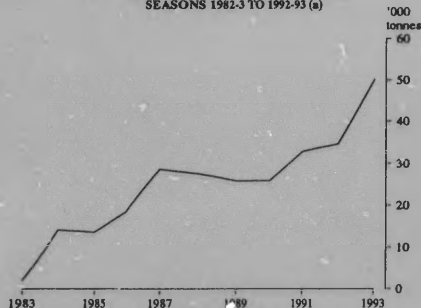
(a) See Explanatory Notes, Paragraph 11. (b) Includes total crops, pastures and grasses, livestock, livestock products, slaughtering and disposals.

SECTION II: CROPS

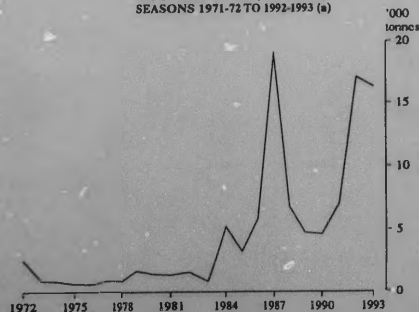
A - CEREALS

TABLE 5. AREA, PRODUCTION, AND YIELD OF CEREAL CROPS FOR GRAIN, VICTORIA, YEAR ENDED 31 MARCH 1991 TO 1993

Item	1991			1992			1993		
	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	463	651	1.4	534	898	1.7	551	1,116	2.0
Maize	—	2	5.8	—	3	8.2	—	3	7.8
Millet	1	2	1.6	1	2	1.9	1	2	2.0
Oats	177	301	1.7	183	300	1.6	223	404	1.8
Rye	11	7	0.6	19	17	0.9	19	16	0.9
Triticale	18	33	1.8	19	35	1.8	23	50	2.2
Wheat	911	1,493	1.6	664	1,150	1.7	821	2,015	2.5
Other	—	1	n.a.	—	—	n.a.	—	—	n.a.
Total	1,583	2,489	1.6	1,420	2,405	1.7	1,638	3,606	2.2

TRITICALE PRODUCTION, VICTORIA,
SEASONS 1982-3 TO 1992-93 (a)

(a) Changes in scope, see Explanatory Notes, paragraph 3

RYE PRODUCTION, VICTORIA,
SEASONS 1971-72 TO 1992-93 (a)

(a) Changes in scope, see Explanatory Notes, paragraph 3

TABLE 6. AREA, PRODUCTION AND YIELD OF CEREAL CROPS FOR GRAIN BY STATISTICAL DIVISION, YEAR ENDED 31 MARCH 1993

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	3,332	9,163	2.8	—	—	—	—	—	—
Barwon	9,628	17,474	1.8	—	—	—	7	12	1.7
Western District	4,712	7,398	1.6	—	—	—	6	10	1.8
Central Highlands	4,917	11,260	2.3	—	—	—	—	—	—
Wimmera	171,542	362,291	2.1	—	—	—	—	—	—
Mallee	307,907	614,365	2.0	37	120	3.2	247	439	1.8
Loddon-Campaspe	39,424	75,464	1.9	104	685	6.6	377	701	1.9
Goulburn	8,846	16,925	1.9	105	900	8.6	101	223	2.2
Ovens-Murray	911	1,414	1.6	—	—	—	46	119	2.6
East Gippsland	132	187	1.4	97	558	5.7	3	16	5.3
Gippsland	108	365	3.4	12	500	41.3	27	111	4.1
Total Victoria	551,458	1,116,306	2.0	355	2,763	7.8	814	1,631	2.0

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	431	813	1.9	—	—	—	8	78	9.3
Barwon	6,586	10,752	1.6	6	—	—	1,551	2,815	1.8
Western District	19,501	26,910	1.4	16	55	3.4	3,048	5,036	1.7
Central Highlands	32,448	69,589	2.1	25	20	0.8	2,787	7,174	2.6
Wimmera	61,884	110,131	1.8	599	942	1.6	2,973	5,895	2.0
Mallee	30,516	43,674	1.4	17,929	15,144	0.8	4,181	10,492	2.5
Loddon-Campaspe	37,838	83,928	2.2	—	—	—	1,536	4,202	2.7
Goulburn	24,996	44,582	1.8	51	47	0.9	5,580	12,320	2.2
Ovens-Murray	7,917	12,343	1.6	5	—	—	921	1,885	2.0
East Gippsland	649	847	1.3	—	—	—	35	40	1.1
Gippsland	163	353	2.2	62	105	1.7	22	93	4.2
Total Victoria	222,929	403,920	1.8	18,693	16,313	0.9	22,641	50,029	2.2

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	335	534	1.6	—	—	—	4,106	10,588	2.6
Barwon	2,291	4,279	1.9	—	—	—	20,069	35,331	1.8
Western District	2,420	3,208	1.3	—	—	—	29,703	42,617	1.4
Central Highlands	8,809	20,067	2.3	—	—	—	48,985	108,110	2.2
Wimmera	264,451	743,704	2.8	—	—	—	501,448	1,222,963	2.4
Mallee	417,976	930,125	2.2	25	12	0.5	778,818	1,614,370	2.1
Loddon-Campaspe	85,215	227,780	2.7	12	—	—	164,506	392,759	2.4
Goulburn	28,681	62,652	2.2	—	—	—	68,360	137,649	2.0
Ovens-Murray	10,220	20,617	2.0	—	—	—	20,020	36,578	1.8
East Gippsland	251	466	1.9	—	—	—	1,167	2,114	1.8
Gippsland	594	1,553	2.6	—	—	—	988	3,080	3.1
Total Victoria	821,243	2,015,185	2.5	37	12	0.3	1,638,170	3,606,159	2.2

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

TABLE 7. NUMBER OF ESTABLISHMENTS BY AREA AND AREA OF WHEAT FOR GRAIN, VICTORIA, 31 MARCH 1993

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	1,500 & over			
Less than 50	4	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	7	(a) 5,001	(a) 5,006
50 - 99	6	9	5	3	1	5	-	-	-	-	-	-	-	-	-	-	29	4,354	4,383
100 - 149	8	11	15	7	8	9	1	4	-	-	-	-	-	-	-	-	63	3,677	3,740
150 - 199	11	16	18	17	15	21	7	8	4	-	-	-	-	-	-	-	117	2,430	2,547
200 - 249	15	20	39	21	24	34	17	9	-	2	-	-	-	-	-	-	278	1,448	1,726
250 - 299	18	36	38	36	32	52	37	23	4	2	-	-	-	-	-	-	247	1,127	1,374
300 - 349	13	20	42	18	31	54	34	28	5	2	-	-	-	-	-	-	252	810	1,062
350 - 399	10	21	24	19	27	63	36	36	11	3	2	-	-	-	-	-	292	763	1,055
400 - 449	5	23	32	13	29	51	49	65	14	8	1	1	1	-	-	-	244	621	865
450 - 499	1	12	28	13	28	44	30	55	24	8	-	-	1	-	-	-	274	480	754
500 - 549	6	13	16	16	12	40	36	79	35	14	6	1	-	-	-	-	233	362	595
550 - 599	1	11	17	8	23	32	29	68	23	19	1	-	1	-	-	-	225	332	557
600 - 649	-	5	14	8	18	21	30	65	38	19	6	1	-	-	-	-	187	253	440
650 - 699	4	9	13	6	5	21	18	55	27	19	5	4	1	-	-	-	190	226	416
700 - 749	2	5	11	5	9	14	24	52	35	19	6	6	1	1	-	-	173	194	367
750 - 799	3	4	8	2	9	13	25	31	29	33	7	5	4	-	-	-	202	198	400
800 - 849	3	5	4	4	7	23	18	44	40	31	12	8	3	-	-	-	143	130	273
850 - 899	2	1	7	2	6	15	13	24	27	23	12	7	2	2	-	-	138	112	250
900 - 949	3	5	5	4	6	7	10	23	20	30	11	9	4	1	-	-	117	107	224
950 - 999	-	-	4	2	1	11	7	29	19	18	12	11	2	1	-	-	1,557	1,021	2,578
1,000 and over	9	11	29	21	47	57	86	156	156	191	164	230	176	182	31	11	5,149	26,102	31,251
Total	124	238	369	226	339	587	507	854	511	441	245	283	196	187	31	11	5,149	26,102	31,251

(a) Includes non-land-based beekeeping establishments.

TABLE 8. NUMBER OF ESTABLISHMENTS BY AREA OF WHEAT FOR GRAIN BY STATISTICAL DIVISION, 31 MARCH 1993

12

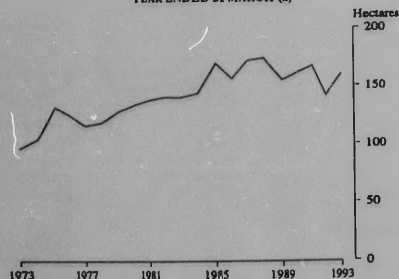
Statistical division	Establishments with wheat for grain	Area of wheat for grain (hectares)																Total area
		<10	10-19	20-29	30-39	40-49	50-74	75-99	100-149	150-199	200-249	250-299	300-399	400-499	500-999	1,000-1,499	1,500 & over	
Melbourne	10	3	3	2	-	-	1	4	-	1	-	-	-	-	-	-	-	335
Barwon	66	6	18	16	6	5	7	4	3	1	-	-	-	-	-	-	-	2,291
Western District	71	11	20	12	5	7	5	8	2	1	-	-	-	-	-	-	-	2,420
Central Highlands	196	30	30	35	22	17	25	11	19	4	1	1	1	-	-	-	-	8,809
Wimmera	1,892	14	44	106	69	128	246	238	400	238	163	90	86	34	31	4	1	264,451
Mallee	1,481	3	13	17	19	34	79	85	210	183	220	123	166	145	147	27	10	417,976
Loddon-Campaspe	774	16	37	69	37	69	119	98	151	58	45	25	28	14	8	-	-	85,215
Goulburn	502	32	54	91	53	59	83	47	49	19	10	3	1	1	-	-	-	28,681
Ovens-Murray	136	7	16	17	11	16	21	16	18	5	2	3	1	2	1	-	-	10,220
East Gippsland	6	1	1	2	1	-	-	-	1	-	-	-	-	-	-	-	-	251
Gippsland	15	1	2	2	3	4	1	-	2	-	-	-	-	-	-	-	-	594
Total Victoria	5,149	124	238	369	226	339	587	507	854	511	441	245	283	196	187	31	11	821,243

TABLE 9. NUMBER OF ESTABLISHMENTS BY AREA OF OATS FOR GRAIN BY STATISTICAL DIVISION, AT 31 MARCH 1993

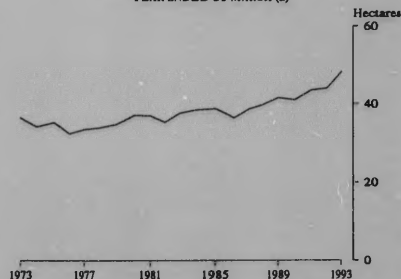
Statistical division	Establishments with oats for grain	Area of oats for grain (hectares)															Total area	
		1-9	10-19	20-29	30-39	40-49	50-74	75-99	100-149	150-199	200-249	250-299	300-399	400-499	500-999	1,000-1,499		1,500 & over
Melbourne	18	4	3	6	3	-	2	-	-	-	-	-	-	-	-	-	-	431
Barwon	190	29	40	39	27	20	14	10	8	1	-	2	-	-	-	-	-	6,586
Western District	527	58	125	109	69	57	54	25	19	-	4	3	-	-	-	-	-	19,501
Central Highlands	649	61	113	100	72	69	90	60	55	17	5	3	2	1	-	1	-	32,448
Wimmera	1,014	48	125	166	115	130	174	92	90	29	21	9	6	7	1	1	-	61,884
Mallee	508	56	78	85	35	54	78	28	45	22	11	2	10	2	2	-	-	30,516
Loddon-Campaspe	779	70	108	135	93	93	117	66	67	15	11	1	2	1	-	-	-	37,838
Goulburn	684	81	149	134	91	74	75	39	25	12	1	1	2	-	-	-	-	24,996
Ovens-Murray	210	20	54	42	19	30	23	8	10	-	2	1	-	1	-	-	-	7,917
East Gippsland	26	10	7	4	-	1	2	1	-	1	-	-	-	-	-	-	-	649
Gippsland	10	4	3	1	-	1	1	-	-	-	-	-	-	-	-	-	-	163
Total Victoria	4,615	441	805	821	524	529	630	329	319	99	55	22	22	13	4	2	-	222,929

TABLE 10. NUMBER OF ESTABLISHMENTS BY AREA OF BARLEY FOR GRAIN BY STATISTICAL DIVISION, AT 31 MARCH 1993

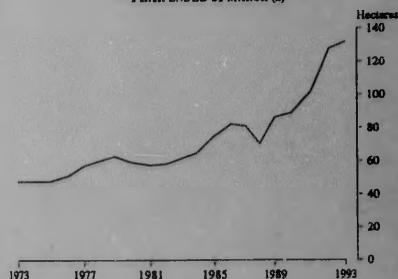
Statistical division	Establishments with barley for grain	Area of barley for grain (hectares)																Total area
		1-9	10-19	20-29	30-39	40-49	50-74	75-99	100-149	150-199	200-249	250-299	300-399	400-499	500-999	1,000-1,499	1,500 & over	
Melbourne	33	1	1	2	6	4	5	4	4	-	2	-	4	-	-	-	-	3,332
Barwon	176	10	31	28	21	21	23	13	16	7	4	-	1	1	-	-	-	9,628
Western District	123	20	30	16	13	16	12	8	5	2	-	-	-	-	1	-	-	4,712
Central Highlands	150	21	48	30	11	13	15	3	4	3	2	-	-	-	-	-	-	4,917
Wimmera	1,503	18	48	89	96	117	262	190	308	157	90	48	48	20	10	2	-	171,542
Mallee	1,446	4	22	32	28	63	130	129	284	189	157	92	119	88	89	17	3	307,907
Loddon-Campaspe	513	20	52	64	44	71	73	47	68	34	21	8	8	1	2	-	-	39,424
Goulburn	220	13	48	36	31	39	30	10	11	1	-	-	-	-	1	-	-	8,846
Ovens-Murray	16	-	2	5	3	2	2	1	-	-	-	-	-	1	-	-	-	911
East Gippsland	8	3	2	1	1	1	-	-	-	-	-	-	-	-	-	-	-	132
Gippsland	5	1	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	108
Total Victoria	4,193	111	285	305	254	348	552	405	700	393	276	148	180	111	103	19	3	551,458

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

(a) Changes in scope, see Explanatory Notes, paragraph 3

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

(a) Changes in scope, see Explanatory Notes, paragraph 3

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

(a) Changes in scope, see Explanatory Notes, paragraph 3

B - VEGETABLES FOR HUMAN CONSUMPTION

TABLE 11. AREA, PRODUCTION, AND YIELD OF VEGETABLES FOR HUMAN CONSUMPTION,
VICTORIA, YEAR ENDED 31 MARCH 1991 TO 1993

Crop	1991			1992			1993		
	Area	Production	Yield	Area	Production	Yield	Area	Production	Yield
	ha	tonnes	tonnes/ha	ha	tonnes	tonnes/ha	ha	tonnes	tonnes/ha
Asparagus	870	4,289	4.9	905	3,534	3.9	957	3,597	3.8
Beans, french, runner - Processing	396	2,586	6.5	474	3,607	7.6	152	889	5.8
- Fresh market	342	1,239	3.6	345	1,508	4.4	440	1,879	4.3
Beetroot	28	319	11.4	25	251	10.0	42	575	13.7
Broccoli (excl. Chinese broccoli)	1,724	8,924	5.2	1,952	10,646	5.5	2,829	16,639	5.9
Brussels sprouts	109	2,297	21.0	105	2,270	21.6	117	2,273	19.4
Cabbages (excl. Chinese cabbage)	817	32,455	39.7	785	32,118	40.9	737	27,616	37.5
Capsicum, chillies and peppers	126	2,239	17.8	122	2,051	16.8	166	2,997	18.1
Carrots	1,352	57,393	42.5	1,393	54,299	39.0	1,507	48,548	32.2
Cauliflowers	1,277	31,508	24.7	1,182	26,155	22.1	1,300	28,620	22.0
Celery	457	20,339	44.5	516	19,282	37.4	462	18,732	40.5
Cucumbers	31	740	24.1	40	900	22.5	41	843	20.6
Lettuces	1,375	35,188	25.6	1,286	34,640	26.9	1,432	33,912	23.7
Marrows and squashes	17	34	2.0	14	71	5.0	22	83	3.7
Melons - Rock and cantaloupe	235	3,790	16.1	234	4,868	20.8	209	4,092	19.6
- Water	80	2,371	29.7	38	756	19.7	27	595	22.0
Mushrooms	16	8,805	568.1	9	9,685	1,064.2	43	11,504	267.5
Onions, brown and white	467	11,357	24.3	414	10,386	25.1	342	9,590	28.0
Parsnips	121	1,818	15.0	144	2,099	14.6	175	3,159	18.1
Peas, green - Processing	1,610	4,493	2.8	852	3,688	4.3	162	527	3.3
- Fresh market	93	170	1.8	101	159	1.5	139	209	1.5
Potatoes	14,058	376,739	26.8	13,602	368,777	27.1	11,955	309,192	25.9
Pumpkins	446	7,504	16.8	398	6,770	17.0	386	5,414	14.0
Radishes	46	385	8.3	61	517	8.5	76	632	8.3
Rhubarb	14	115	8.4	16	223	14.0	15	276	18.4
Silverbeet and spinach	147	1,622	11.0	128	1,290	10.1	171	1,481	8.7
Spring onions and leeks	155	1,408	9.1	161	1,680	10.4	149	907	6.1
Sweet Corn	675	8,269	12.3	724	9,913	13.7	486	5,486	11.3
Tomatoes - Processing	3,280	148,650	45.3	2,541	123,994	48.8	2,145	79,386	37.0
- Fresh market	314	15,909	50.6	381	15,054	39.5	435	16,489	37.9
Turnips, swede and white	42	466	11.1	41	577	14.1	69	770	11.2
Zucchini	61	476	7.8	56	489	8.8	95	721	7.6
Other	355	n.c.	n.c.	381	n.c.	n.c.	590	4,974	n.c.
Total	31,135	n.c.	n.c.	29,425	n.c.	n.c.	27,873	642,607	n.c.

**TABLE 12. AREA, PRODUCTION, AND YIELD OF MUSHROOMS, VICTORIA,
YEAR ENDED 31 MARCH, 1991 TO 1993**

Item	1991	1992	1993
Total area of beds used during year (counted each time cropped) (hectares)	48r	38r	43
Production -			
For processing (tonnes)	586	1,419	1,574
For fresh market (tonnes)	8,219	8,266	9,930
Total (tonnes)	8,805	9,685	11,504
Yield (tonnes/ha)	184r	256r	266
Total quantity of spawn used during year (tonnes)	92	230	281

**TABLE 13. AREA, PRODUCTION, AND YIELD OF POTATOES, VICTORIA,
SEASONS 1991 TO 1993 (a)**

Item	1991	1992	1993
Number of establishments	675	644	565
Area planted (hectares)	14,058	13,602	14,143
Area harvested (hectares)	13,162	12,849	13,615
Production for all purposes	376,739	368,777	359,483
Yield - Area planted (tonnes/ha)	26.8	27.1	25.4
- Area harvested (tonnes/ha)	28.6	28.7	26.4

(a) Includes potatoes grown for seed.

**TABLE 14. NUMBER OF ESTABLISHMENTS BY SIZE OF POTATO AREA PLANTED,
BY STATISTICAL DIVISION, VICTORIA, SEASON 1993**

Statistical division	Area of potatoes planted (hectares)							Total number of establishments
	< 4.9	5-9.9	10-14.9	15-19.9	20-39.9	40-59.9	60 and over	
Melbourne	3	1	2	1	9	+	2	18
Barwon	8	22	17	22	66	29	26	190
Western District	10	48	74	51	178	77	89	527
Central Highlands	16	45	64	49	172	110	193	649
Wimmera	16	32	62	63	281	199	361	1,014
Mallee	21	35	54	24	120	87	167	508
Loddon-Campaspe	22	48	64	44	228	143	230	779
Goulburn	30	51	83	66	225	112	117	684
Ovens-Murray	2	18	32	22	61	43	32	210
East Gippsland	2	8	7	-	4	2	3	26
Gippsland	3	1	2	1	1	2	+	10
Total Victoria	133	309	461	343	1,345	804	1,220	4,615

**TABLE 15. AREA AND PRODUCTION OF VEGETABLES FOR HUMAN CONSUMPTION
BY STATISTICAL DIVISION, YEAR ENDED 31 MARCH 1993**

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	710	2,886	1	2	24	113	25	115	1,025	6,449
Barwon	—	—	—	—	1	1	1	1	89	486
Central Highlands	5	80	—	—	—	—	—	—	52	293
Mallee	112	269	—	1	33	170	33	171	158	1,019
Loddon-Campaspe	51	124	—	—	—	—	—	—	1	2
Goulburn	—	—	—	—	1	3	1	3	7	24
Ovens-Murray	—	—	—	—	—	—	—	—	13	70
East Gippsland	59	208	140	862	364	1,552	504	2,413	1,400	7,957
Gippsland	20	30	11	5	17	41	28	66	83	338
Total Victoria	957	3,597	152	889	440	1,879	592	2,769	2,829	16,639

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	114	2,250	396	15,466	808	29,276	907	22,870	453	18,628
Barwon	—	—	25	341	2	8	28	560	—	—
Western District	—	—	—	—	38	871	—	—	—	—
Central Highlands	—	1	39	1,285	42	1,702	83	1,665	—	—
Wimmera	—	—	—	—	—	2	—	—	—	—
Mallee	—	—	10	125	379	8,554	5	62	—	—
Loddon-Campaspe	—	—	3	200	—	—	5	400	—	—
Goulburn	2	12	11	618	17	541	2	12	—	—
Ovens-Murray	—	—	9	239	—	—	—	—	—	—
East Gippsland	1	10	179	7,006	26	625	259	2,879	1	—
Gippsland	—	—	65	2,336	226	7,570	13	172	9	104
Total Victoria	117	2,273	736	27,615	1,537	49,148	1,300	28,620	462	18,732

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	1,131	27,063	—	—	—	—	202	5,870	172	3,141
Barwon	26	649	—	—	—	—	18	590	—	—
Western District	—	—	—	—	—	—	57	1,763	—	—
Central Highlands	82	2,439	—	—	—	—	15	500	—	—
Wimmera	—	—	—	—	—	1	—	5	—	—
Mallee	163	3,264	209	4,078	26	594	30	452	2	—
Loddon-Campaspe	6	146	—	—	—	—	3	60	—	—
Goulburn	1	152	—	—	—	—	—	—	—	—
Ovens-Murray	—	—	1	13	—	—	—	—	—	—
East Gippsland	19	192	—	—	—	—	9	26	1	18
Gippsland	3	7	—	—	—	—	9	324	—	—
Total Victoria	1,432	33,912	209	4,091	26	595	342	9,590	175	3,159

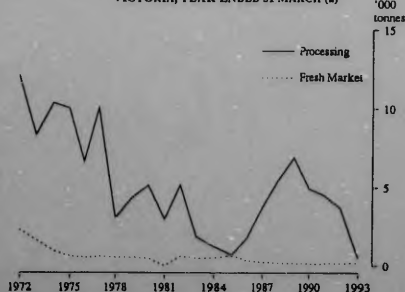
TABLE 15. AREA AND PRODUCTION OF VEGETABLES FOR HUMAN CONSUMPTION BY STATISTICAL DIVISION, YEAR ENDED 31 MARCH 1993—continued

Statistical division	Peas, Green Processing		Peas, Green Fresh market		Total Peas, Green		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	—	—	4	8	4	8	—	—	118	1,763
Barwon	—	—	26	24	26	24	—	—	1	10
Western District	—	—	—	—	—	—	—	—	1	5
Central Highlands	—	—	5	2	5	2	—	—	42	565
Wimmera	—	—	—	—	—	—	—	—	1	7
Mallee	2	6	14	16	16	16	—	—	172	2,589
Loddon-Campaspe	—	—	—	—	—	—	—	—	4	11
Goulburn	—	—	6	7	6	7	—	—	8	134
Ovens-Murray	—	—	—	—	—	—	—	—	1	8
East Gippsland	160	521	16	22	176	543	—	—	35	286
Gippsland	—	—	68	136	68	136	—	—	5	37
Total Victoria	162	527	139	209	301	735	—	—	386	5,414

Statistical division	Sweet Corn		Tomatoes Processing		Tomatoes Fresh market		Total Tomatoes		Other vegetables(a)		Total vegetables
	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	130	820	29	272	35	603	64	874	1,047	9,848	
Barwon	—	—	—	—	—	—	—	—	21	1,756	
Western District	—	—	—	—	—	1	—	1	10	957	
Central Highlands	5	69	—	—	—	—	—	—	13	3,306	
Wimmera	—	—	—	—	—	7	—	7	2	124	
Mallee	5	20	35	1,304	20	358	55	1,662	99	1,816	
Loddon-Campaspe	8	111	1,013	33,152	65	2,454	1,078	35,606	26	1,349	
Goulburn	6	142	1,038	44,107	310	11,504	1,349	55,611	47	1,824	
Ovens-Murray	4	29	—	—	—	—	—	—	8	51	
East Gippsland	267	3,528	9	2	2	55	11	57	134	3,253	
Gippsland	60	768	20	550	1	22	21	572	74	3,588	
Total Victoria	486	5,486	2,145	79,386	435	15,003	2,579	94,389	1,481	27,873	

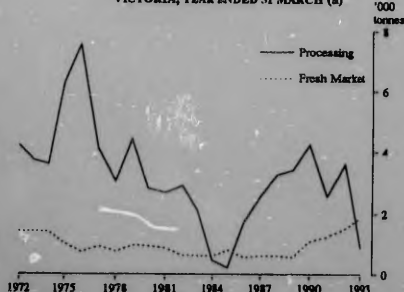
(a) Includes silver beet, spinach, capsicums, chillies, peppers, spring onions, artichokes, etc.

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



(a) Changes in scope, see Explanatory Notes, paragraph 3

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



(a) Changes in scope, see Explanatory Notes, paragraph 3

C - OTHER CROPS

TABLE 16. AREA, PRODUCTION AND YIELD OF LEGUMES FOR GRAIN, BY STATISTICAL DIVISION, YEAR ENDED 31 MARCH 1993

Statistical division	Field Peas			Lupins			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	8	0.8	50	120	2.4	75	136	1.8
Barwon	933	828	0.9	867	983	1.1	1,800	1,811	1.0
Western District	181	168	0.9	573	641	1.1	1,049	975	0.9
Central Highlands	226	114	0.5	764	1,210	1.6	1,290	1,448	1.1
Wimmera	69,661	122,370	1.8	13,734	21,309	1.6	214,987	326,004	1.5
Mallee	89,962	107,941	1.2	8,426	13,038	1.5	136,560	150,870	1.1
Loddon-Campaspe	11,362	12,825	1.1	11,469	20,057	1.7	35,637	48,221	1.4
Goulburn	1,366	1,416	1.0	13,047	19,969	1.5	15,835	22,948	1.4
Ovens-Murray	486	480	1.0	3,582	4,715	1.3	4,111	5,228	1.3
East Gippsland	33	120	3.6	40	86	2.1	213	376	1.8
Gippsland	43	53	1.2	31	340	11.0	174	393	2.3
Total Victoria	174,262	246,323	1.4	52,585	82,468	1.6	411,730	558,410	1.4

(a) Includes chick peas, dried edible beans, etc.

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



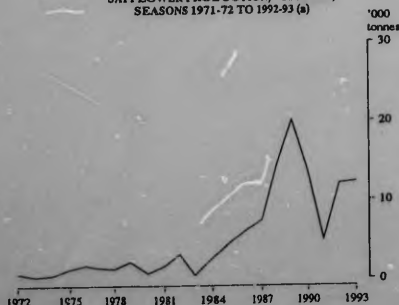
(a) Changes in scope, see Explanatory, paragraph 3.

TABLE 17. AREA, PRODUCTION AND YIELD OF OILSEEDS BY STATISTICAL DIVISION, YEAR ENDED 31 MARCH 1993

Statistical division	Linseed		Yield (tonnes / ha)	Canola		Yield (tonnes / ha)	Safflower		Yield (tonnes / ha)
	Area (ha)	Prod'n (tonnes)		Area (ha)	Prod'n (tonnes)		Area (ha)	Prod'n (tonnes)	
Melbourne	—	—	—	130	142	1.1	—	—	—
Barwon	531	525	1.0	1,214	1,279	1.1	—	—	—
Western District	189	192	1.0	1,152	739	0.6	155	117	0.8
Central Highlands	224	196	0.9	2,916	2,447	0.8	350	77	0.2
Wimmera	82	74	0.9	8,694	13,290	1.5	11,662	10,039	0.9
Mallee	20	15	0.8	768	737	1.0	371	287	0.8
Loddon-Campaspe	10	26	2.6	2,654	3,892	1.5	2,570	1,643	0.6
Goulburn	16	17	1.0	366	330	0.9	268	185	0.7
Ovens-Murray	—	—	—	526	603	1.1	—	—	—
Gippsland	—	—	—	39	85	2.2	—	—	—
Total Victoria	1,073	1,045	1.0	18,458	23,543	1.3	15,375	12,347	0.8

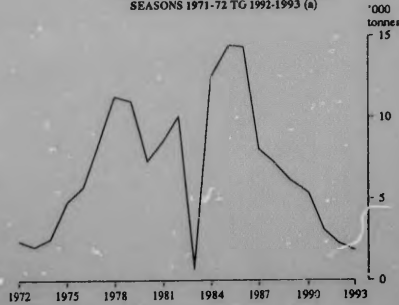
Statistical division	Soybeans		Yield (tonnes / ha)	Sunflower		Yield (tonnes / ha)	Total		Yield (tonnes / ha)
	Area (ha)	Prod'n (tonnes)		Area (ha)	Prod'n (tonnes)		Area (ha)	Prod'n (tonnes)	
Melbourne	—	—	—	—	1	5.0	130	143	1.1
Barwon	—	—	—	310	476	1.5	2,055	2,280	1.1
Western District	—	—	—	193	186	1.0	1,688	1,233	0.7
Central Highlands	—	—	—	16	12	0.8	3,506	2,731	0.8
Wimmera	17	45	2.6	—	—	—	20,454	23,448	1.1
Mallee	—	—	—	70	113	1.6	1,229	1,152	0.9
Loddon-Campaspe	137	232	1.7	431	747	1.7	5,802	6,540	1.1
Goulburn	1,013	2,228	2.2	103	237	2.3	1,766	2,996	1.7
Ovens-Murray	—	—	—	—	—	—	526	603	1.1
Gippsland	—	—	—	34	55	1.6	73	140	1.9
Total Victoria	1,167	2,505	2.1	1,157	1,828	1.6	37,231	41,267	1.1

SAFFLOWER PRODUCTION, VICTORIA, SEASONS 1971-72 TO 1992-93 (a)



(a) Changes in scope, see Explanatory Notes, paragraph 3

SUNFLOWER PRODUCTION, VICTORIA, SEASONS 1971-72 TO 1992-1993 (a)



(a) Changes in scope, see Explanatory Notes, paragraph 3

TABLE 18. AREA AND PRODUCTION OF MISCELLANEOUS CROPS BY STATISTICAL DIVISION, YEAR ENDED 31 MARCH 1993

Statistical division	Fruit		Hops		Nurseries 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	2,704	302	—	—	2,075	—	—	457	—
Barwon	35	3	—	—	476	—	—	114	—
Western District	89	2	—	—	93	—	—	79	38
Central Highlands	320	3	—	—	64	12	18	363	—
Wimmera	709	—	—	—	552	—	—	146	353
Mallee	8,484	2	—	—	108	—	—	16,928	4
Loddon-Campaspe	611	5	—	—	114	6	12	203	—
Goulburn	9,407	272	—	—	92	—	—	736	10
Ovens-Murray	1,001	55	335	566	35	1,965	4,708	997	48
East Gippsland	28	8	—	—	73	—	—	27	55
Gippsland	187	19	—	—	423	—	—	13	5
Total Victoria	23,574	672	335	566	4,104	1,983	4,738	20,063	512

(a) For more detailed statistics refer to Viticulture, Australia (7310.0). (b) Mustard seed etc.

HOP PRODUCTION, VICTORIA,
SEASONS 1971-72 TO 1992-1993 (a)



TOBACCO PRODUCTION, VICTORIA,
SEASONS 1971-72 TO 1992-93 (a)



D. STOCKS OF GRAINS

TABLE 19. CEREAL GRAIN HELD AT 31 MARCH 1993 BY STATISTICAL DIVISION
(^{'000 tonnes})

Statistical division	Barley held	Oats held	Wheat held
Melbourne	2	1	1
Barwon	5	11	3
Western District	8	31	7
Central Highlands	4	56	9
Wimmera	43	71	95
Mallee	80	30	96
Loddon-Campaspe	17	47	34
Goulburn	7	35	18
Ovens-Murray	7	12	17
East Gippsland	—	1	1
Gippsland	2	1	3
Total Victoria	175	297	284

CEREAL GRAINS ON HAND,
VICTORIA, AT 31 MARCH (a)

(a) Changes in scope, see Explanatory Notes, paragraph 3

SECTION III: PASTURES

2

A - PASTURES AND GRASSES

TABLE 20. AREA, PRODUCTION, AND YIELD OF PASTURES AND GRASSES, VICTORIA, YEAR ENDED 31 MARCH 1991 TO 1993

	1991			1992			1993		
	Area	Production	Yield	Area	Production	Yield	Area	Production	Yield
	'000 ha	'000 tonnes	tonnes/ha	'000 ha	'000 tonnes	tonnes/ha	'000 ha	'000 tonnes	tonnes/ha
Cut for hay -									
Lucerne	29.0	151.8	5.2	33.7	173.7	5.2	34.5	189.9	5.5
Other	396.4	1,542.3	3.9	436.1	1,550.4	3.6	487.9	1,986.2	4.1
Cut for green feed or silage -									
Lucerne	1.4	n.c.	n.c.	1.4	n.c.	n.c.	1.7	n.c.	n.c.
Other	41.2	n.c.	n.c.	34.5	n.c.	n.c.	44.2	n.c.	n.c.
		tonnes	kgs/ha		tonnes	kgs/ha		tonnes	kgs/ha
Harvested for seed	21.7	6,592.0	303.8	20.1	7,009.5	348.2	22.3	8,822.5	395.6
Total area of pastures and grasses cropped	489.8	n.c.	n.c.	525.9	n.c.	n.c.	590.6	n.c.	n.c.

TABLE 21. AREA OF SOWN PASTURES, BY STATISTICAL DIVISION, AT 31 MARCH 1993
(¹000 hectares)

Statistical division	Pure lucerne	Other sown pastures(a)	Total
Melbourne	1	94	95
Barwon	3	251	253
Western District	4	1,178	1,183
Central Highlands	5	446	451
Wimmera	13	740	754
Mallee	11	611	622
Loddon-Campaspe	22	552	574
Goulburn	9	639	647
Ovens-Murray	1	251	253
East Gippsland	3	203	206
Gippsland	2	396	398
Total Victoria	74	5,361	5,435

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

B. STOCKS OF HAY AND SILAGE

TABLE 22. AREA AND PRODUCTION OF HAY BY STATISTICAL DIVISION, YEAR ENDED 31 MARCH 1993

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	13	58	—	2	1	3	—	—	—	—	14	63
Barwon	28	124	2	9	1	5	—	—	—	1	32	140
Western District	114	480	3	12	4	16	—	2	1	5	122	516
Central Highlands	34	122	3	16	5	26	—	2	—	—	43	165
Wimmera	43	121	3	7	4	13	—	1	1	3	51	146
Mallee	23	76	3	16	7	22	2	4	1	4	36	122
Loddon-Campaspe	45	172	12	71	10	42	1	3	1	2	69	290
Goulburn	80	320	6	33	13	61	2	6	1	3	102	423
Ovens-Murray	21	94	1	5	3	13	—	1	—	—	25	113
East Gippsland	15	62	2	12	1	6	—	—	—	—	18	80
Gippsland	72	357	1	6	1	4	—	1	1	4	75	372
Total Victoria	488	1,986	35	190	50	210	6	21	7	23	586	2,429

TABLE 23. GREEN FEED, SILAGE AND HAY, AREA AND PRODUCTION YEAR ENDED 31 MARCH 1993 AND STOCKS HELD AT 31 MARCH 1993 BY STATISTICAL DIVISION

Statistical division	Area cut for green feed or silage ('000 ha)				Silage		Hay			
	Lucerne	Other pasture	Cereal crops	Other crops	Made Total ('000 tonnes)	Held ('000 tonnes)	Area ('000 ha)	Prod'n ('000 tonnes)	Sold ('000 tonnes)	Held ('000 tonnes)
Melbourne	—	2	—	—	3	8	14	63	3	65
Barwon	—	3	—	1	4	16	32	140	11	156
Western District	—	10	1	5	16	52	122	516	32	494
Central Highlands	—	1	—	1	3	4	43	165	14	208
Wimmera	—	1	—	1	3	3	51	146	22	239
Mallee	—	1	3	2	5	1	36	122	16	133
Loddon-Campaspe	—	2	1	1	4	12	69	290	54	287
Goulburn	—	3	1	1	5	17	102	423	55	398
Ovens-Murray	—	4	—	1	5	20	25	113	11	112
East Gippsland	—	1	—	1	3	5	18	80	6	78
Gippsland	—	16	1	3	20	78	75	372	14	347
Total Victoria	2	44	8	17	71	218	586	2,429	236	2,518

SECTION IV: FRUIT

24

FRUIT SUMMARY

TABLE 24. ORCHARD FRUIT AND BERRIES AREA, NUMBER OF TREES AND PRODUCTION (a), VICTORIA, SEASONS 1991 TO 1993

Item	1991			1992			1993		
	Total estab- lish- -ments	Total trees (¹ 000)	Produc- tion (¹ 000 tonnes)	Total estab- lish- -ments	Total trees (¹ 000)	Produc- tion (¹ 000 tonnes)	Total estab- lish- -ments	Total trees (¹ 000)	Produc- tion (¹ 000 tonnes)
Pome -									
Apples	511	1,811	91	499	1,865	106	513	1,874	109
Pears	401	1,161	138	394	1,251	155	397	1,117	141
Nashi	107	430	2	111	416	4	114	461	6
Quinces	8	—	—	9	1	—	20	3	—
Total	576	3,403	231	567	3,533	264	587	3,454	256
Citrus -									
Oranges - Navel	334	517	20	335	571	22	374	629	31
Valencia	349	711	42	349	718	46	374	747	66
Other	32	5	—	30	4	—	48	12	1
Total oranges	389	1,233	63	394	1,292	69	433	1,388	98
Grapefruit	175	59	6	172	69	7	177	54	6
Lemons and limes	177	91	6	172	94	6	184	93	6
Mandarins	197	95	3	215	104	4	220	107	4
Other citrus	24	9	—	19	8	—	38	12	—
Total	441	1,487	78	451	1,567	85	488	1,654	114
Stone and other orchard fruit -									
Apricots	391	271	8	397	270	10	399	263	10
Avocados	69	36	1	72	34	1	77	35	1
Cherries	124	160	1	127	174	2	142	189	2
Nectarines	324	228	4	310	244	5	333	304	6
Olives	32	50	—	32	93	—	51	59	—
Peaches	424	819	32	426	868	36	440	960	37
Plums and prunes	356	193	4	371	222	4	372	226	4
Other stone and other orchard fruit	36	13	—	33	13	—	66	16	—
Total	941	1,771	50	791	1,918	58	828	2,053	60

TABLE 24. ORCHARD FRUIT AND BERRIES AREA, NUMBER OF TREES AND PRODUCTION (a), VICTORIA—continued

Item	1991			1992			1993		
	Total establish- ments	Total trees ('000)	Produc- tion (tonnes)	Total establish- ments	Total trees ('000)	Produc- tion (tonnes)	Total establish- ments	Total trees ('000)	Produc- tion (tonnes)
Edible tree nuts -									
Almonds	62	402	2,077	59	412	2,454	61	418	2,411
Chestnuts	57	24	148	60	27	231	77	29	208
Hazelnuts	11	1	—	8	1	1	12	2	1
Walnuts	29	13	47	29	12	47	36	22	52
Other nuts	20	66	1	19	78	1	23	113	12
Total	152	506	2,274	155	530	2,733	172	584	2,684

Item	1991			1992			1993		
	Total establish- ments	Total area (ha)	Produc- tion (tonnes)	Total establish- ments	Total area (ha)	Produc- tion (tonnes)	Total establish- ments	Total area (ha)	Produc- tion (tonnes)
Berries and small fruits -									
Blueberries	20	26	73	16	20	107	22	30	131
Chinese Gooseberries (Kiwi Fruit)	27	229	2,271	23	224	2,380	24	241	2,317
Loganberries	8	2	2	4	1	1	12	3	5
Raspberries	45	115	275	39	116	279	47	114	341
Strawberries	96	189	1,725	98	269	1,976	99	265	2,333
Other berries and small fruits	25	17	75	19	17	67	27	19	90
Total	221	577	4,422	199	648	4,811	231	672	5,217
Grapes -									
Red	1,038	3,687	28,552	1,039	3,753	40,047	1,072	3,950	33,777
White	1,709	15,566	326,871	1,719	15,718	391,729	1,788	16,122	277,251
Total	1,758	19,250	355,421	1,765	19,471	431,776	1,833	20,063	311,028

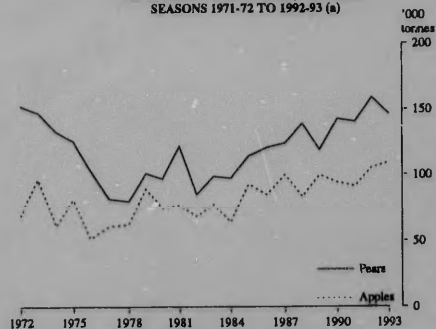
(a) Production year ended 31 March except for apples, pears and almonds, refer to Explanatory Notes paragraph 4.

POME FRUIT

TABLE 25. POME FRUIT, TREES BY AGE AND PRODUCTION BY STATISTICAL DIVISION, SEASON 1993 (a)

Statistical division	Apples			Pears			Total pome (b)	
	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)
Melbourne	222	449	35,739	19	37	3,369	240	487
Rarvon	—	3	89	—	1	18	—	3
Western District	5	6	343	—	—	7	5	6
Central Highlands	12	70	5,436	—	12	321	12	81
Wimmera	—	1	37	—	—	12	1	2
Mallee	—	1	26	—	—	8	—	1
Loddon-Campaspe	207	127	8,329	3	15	933	210	142
Goulburn	157	375	45,354	343	1,127	141,343	500	1,503
Ovens-Murray	26	151	9,646	—	16	39	26	167
East Gippsland	1	2	23	—	—	—	2	2
Gippsland	15	43	4,464	1	4	95	16	47
Total Victoria	647	1,227	109,488	366	1,212	146,145	1,013	2,441

(a) Refer to Explanatory Notes paragraph 5. (b) Includes 465 'other pome' trees (254 under 6 years and 211 6 years and over).

POME FRUIT PRODUCTION, VICTORIA,
SEASONS 1971-72 TO 1992-93 (a)

(a) Changes in scope, see Explanatory Notes, paragraph 3

CITRUS FRUIT

TABLE 26. CITRUS FRUIT, TREES BY AGE AND PRODUCTION BY STATISTICAL DIVISION, SEASON 1993

Statistical division	Oranges - Valencia			Oranges - Navel			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	—	—	—	—	—	—	—	—	—	—	—	—
Mallee	42	644	62,272	210	353	29,058	6	6	609	258	1,002	91,939
Goulburn	13	39	3,152	22	38	1,857	1	—	29	36	77	5,038
Ovens-Murray	—	8	457	—	7	312	—	—	—	—	15	769
Gippsland	—	—	—	—	—	—	—	—	—	—	—	—
Total Victoria	56	691	65,882	232	397	31,227	6	6	638	294	1,094	97,746

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)	Trees under 6 years ('000)	Trees 6 years and over ('000)	Production (tonnes)
Melbourne	—	—	—	3	9	431	—	—	—	—	—	3	9	431
Barwon	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mallee	2	44	5,438	3	46	4,144	36	71	4,198	5	6	304	1,170	106,041
Goulburn	2	6	454	9	14	1,397	—	—	13	—	—	47	97	6,910
Ovens-Murray	—	1	40	—	8	230	—	—	—	—	—	—	24	1,039
East Gippsland	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gippsland	—	—	—	1	—	4	—	—	—	—	—	1	—	4
Total Victoria	3	50	5,932	16	77	6,206	36	71	4,211	6	7	355	1,299	114,425

STONE FRUIT AND OTHER ORCHARD FRUIT

TABLE 27. STONE FRUIT, TREES BY AGE AND PRODUCTION BY STATISTICAL DIVISION, SEASON 1993

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)
Melbourne	—	1	3	—	—	—	31	48	841
Barwon	—	1	41	—	—	—	—	—	—
Western District	—	—	—	—	—	—	—	—	—
Central Highlands	—	4	156	—	—	—	—	—	—
Wimmera	—	1	33	—	—	—	1	12	35
Mallee	17	41	1,239	7	27	1,382	1	—	—
Loddon-Campaspe	—	—	2	—	—	—	3	1	10
Goulburn	89	107	8,724	—	—	16	46	16	287
Ovens-Murray	—	1	3	—	—	4	12	18	351
East Gippsland	—	—	—	—	—	—	—	—	—
Gippsland	—	—	1	—	—	—	—	—	2
Total Victoria	108	155	10,203	7	28	1,402	94	94	1,525

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)
Melbourne	20	23	597	—	—	—	—	—	—
Western District	—	—	—	—	—	—	—	—	—
Central Highlands	1	3	195	—	1	—	—	—	—
Wimmera	1	1	52	—	39	99	—	—	—
Mallee	80	91	3,374	4	13	252	—	—	—
Loddon-Campaspe	—	—	—	—	—	—	—	—	—
Goulburn	57	24	1,354	—	2	3	—	—	—
Ovens-Murray	—	1	5	—	—	—	—	—	—
East Gippsland	—	—	15	—	—	—	—	—	—
Gippsland	2	2	26	—	1	2	—	—	—
Total Victoria	160	144	5,618	4	55	356	—	—	—

TABLE 27. STONE FRUIT, TREES BY AGE, AND PRODUCTION BY STATISTICAL DIVISION, SEASON 1993—continued

Statistical division	Plums and prunes			Other stone and orchard fruit		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	5	7	121	2	1	59	78	1,594
Barwon	—	—	—	—	—	—	1	41
Western District	—	—	—	—	—	—	—	—
Central Highlands	1	1	37	—	—	2	20	424
Wimmera	—	—	3	—	—	1	40	187
Mallee	44	55	1,313	5	2	158	229	7,588
Loddon-Campaspe	—	—	2	—	—	3	1	14
Goulburn	51	59	2,709	1	—	245	208	13,102
Ovens-Murray	—	1	6	1	—	14	21	372
East Gippsland	—	—	—	—	—	—	1	15
Gippsland	—	2	44	—	—	2	4	74
Total Victoria	102	124	4,235	9	4	485	604	23,411

TABLE 28. NUT TREES BY AGE, AND PRODUCTION BY STATISTICAL DIVISION, SEASON 1993

Statistical division	Almonds			Chestnuts			Other			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)	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	30	—	—	—	1	2	31
Barwon	—	2	—	—	—	—	—	—	—	—	2	—
Western District	—	—	—	—	—	—	—	—	—	—	—	—
Central Highlands	—	—	—	—	1	5	—	1	1	—	1	6
Wimmera	—	2	—	—	—	—	30	30	—	30	32	—
Mallee	122	290	2,409	—	—	—	35	14	13	157	304	2,423
Loddon-Campaspe	—	—	—	—	—	—	3	—	—	3	1	—
Goulburn	—	—	—	1	1	6	8	3	1	9	4	7
Ovens-Murray	—	2	1	6	16	163	2	7	49	8	25	213
East Gippsland	—	—	—	—	—	—	—	—	—	—	—	—
Gippsland	—	—	—	—	—	4	1	1	—	1	2	4
Total Victoria	122	296	2,411	9	20	208	79	57	66	210	373	2,684

BERRIES AND SMALL FRUITS

TABLE 29. BERRIES AND OTHER SMALL FRUIT BY AGE, AREA AND PRODUCTION BY STATISTICAL DIVISION, SEASON 1993

Statistical division	Blueberries			Chinese Gooseberries (Kiwifruit)			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	—	8	29	1	21	275	—	2	2
Barwon	—	—	1	—	—	—	—	—	—
Western District	—	—	—	—	—	—	—	—	—
Central Highlands	—	—	—	—	—	—	—	—	—
Loddon-Campaspe	—	—	—	—	—	—	—	—	—
Goulburn	—	—	1	6	174	1,554	—	1	—
Ovens-Murray	2	16	94	2	24	317	—	—	1
East Gippsland	—	—	—	—	7	120	—	—	—
Gippsland	2	2	7	—	8	51	—	1	1
Total Victoria	3	27	131	9	232	2,317	—	3	5

Statistical division	Raspberries			Strawberries			Other berries etc.		Total 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)	Not yet bearing area (ha)	Bearing area (ha)
Melbourne	5	47	81	44	163	1,953	—	12	50	252
Barwon	—	1	—	1	1	11	—	—	1	2
Western District	—	—	—	—	2	1	—	—	—	2
Central Highlands	—	2	3	—	1	3	—	1	—	3
Wimmera	—	—	—	—	—	—	—	—	—	—
Mallee	—	—	—	—	2	1	—	—	—	2
Loddon-Campaspe	—	4	3	—	—	—	—	—	—	5
Goulburn	12	34	216	14	29	316	—	3	32	240
Ovens-Murray	1	6	30	—	5	32	—	1	4	51
East Gippsland	—	—	2	—	1	8	—	—	—	8
Gippsland	—	3	5	—	2	9	—	1	2	17
Total Victoria	17	97	341	60	205	2,333	—	18	90	582

TABLE 30. APPLES, NUMBER OF TREES AND PRODUCTION BY VARIETY, VICTORIA, SEASONS 1992 AND 1993

Variety	1992				1993			
	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})
Abes	5	12	17	1	3	10	13	1
Crofton	1	8	9	1	1	7	9	1
Delicious								
Golden	47	150	198	15	53	153	206	15
Red	266	368	633	23	230	397	627	24
Ordinary	1	15	15	1	1	14	16	1
Granny Smith	60	383	443	45	57	349	406	46
Gravenstein	2	5	7	—	3	6	9	—
Jonathan	10	206	216	14	9	190	199	14
Lady Williams	78	49	127	3	72	53	125	4
Other varieties	162	38	200	3	216	48	264	4
Total	631	1,234	1,865	106	647	1,227	1,874	109

TABLE 31. PEARS, NUMBER OF TREES AND PRODUCTION BY VARIETY, VICTORIA, SEASONS 1992 AND 1993

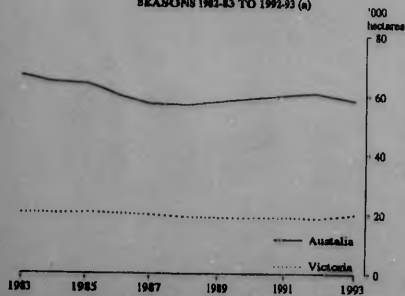
Variety	1992				1993			
	Trees under 6 years (^{'000})	Trees 6 years and over (^{'000})	Total trees (^{'000})	Fresh fruit production (^{'000 tonnes})	Trees under 6 years (^{'000})	Trees 6 years and over (^{'000})	Total trees (^{'000})	Fresh fruit production (^{'000 tonnes})
Beurre Bosc	84	87	171	8	39	90	130	8
Josephine	15	28	43	5	11	26	37	4
Nashi	345	71	416	4	254	208	461	6
Packham	43	424	467	54	39	397	436	51
WBC (Bartlett)	8	531	540	85	6	478	484	76
Other varieties	19	11	31	3	18	13	31	2
Total	514	1,154	1,667	158	366	1,212	1,578	146

SECTION V: VITICULTURE

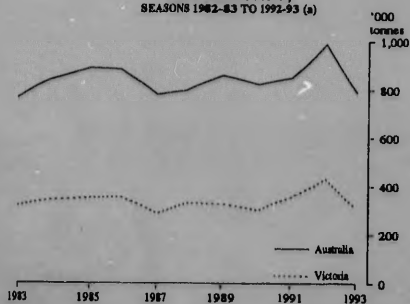
TABLE 32. VITICULTURE SUMMARY, VICTORIA, SEASONS 1991 TO 1993

Item	1991	1992	1993
Number of establishments (a)	1,758	1,765	1,833
Area of grapevines (b) -			
Red grapes		'000 hectares	
Not yet bearing	0.5	0.4	0.4
Bearing	3.2	3.4	3.6
Total red grapes	3.7	3.8	3.9
White grapes			
Not yet bearing	0.6	0.6	0.6
Bearing	14.9	15.1	15.5
Total white grapes	15.6	15.7	16.1
Total area of grapevines	19.2	19.5	20.1
Grape production -			
For wine	78.8	'000 tonnes	118.5
For drying (c)	247.6	294.5	158.7
For table	29.1	32.9	33.7
Total grape production	355.4	431.8	310.9

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

AREA OF GRAPEVINES,
SEASONS 1982-83 TO 1992-93 (a)

(a) Changes in scope, see Explanatory Note, paragraph 3

GRAPE PRODUCTION,
SEASONS 1982-83 TO 1992-93 (a)

(a) Changes in scope, see Explanatory Note, paragraph 3

TABLE 33. AREA OF VINES AT 1993 HARVEST, PRODUCTION OF GRAPES BY END USE, BY GRAPE VARIETY, SEASON 1993

Variety	1993						
	Area of vines at 1993 harvest				Season 1993 Production of grapes for -		
	Bearing vines (a) (ha)	Not yet bearing vines (a) (ha)	Total area of vines (a) (ha)	Wine- making or distillation (b) (tonnes)	Drying (fresh weight) (tonnes)	Other (incl. table) (tonnes)	Total production (tonnes)
Red grapes -							
Cabernet Sauvignon	679	86	765	5,000	—	—	5,000
Current (including Carina)	541	58	599	111	6,258	—	6,369
Grenache	81	1	82	776	—	—	776
Mataro	28	2	30	202	—	—	202
Pinot Noir	264	37	301	1,944	—	—	1,944
Red Emperor	239	4	243	49	—	2,961	3,010
Shiraz	535	82	617	4,459	—	—	4,459
Other red grapes	1,235	101	1,336	5,691	125	6,201	12,017
Total red grapes	3,578	372	3,950	18,233	6,383	9,162	33,777
White grapes -							
Chardonnay	916	217	1,134	12,258	—	—	12,258
Chenin Blanc	116	8	124	2,023	—	—	2,023
Columbard	248	3	251	6,849	—	—	6,849
Gracien	30	—	30	685	—	—	685
Uva di Trovato	54	—	54	1,373	—	—	1,373
Muscat Blanc (Frontignac)	11	4	15	199	—	—	199
Muscat Gordo Bianco	1,008	13	1,021	20,889	2,482	124	23,495
Ohanez	110	—	110	98	—	950	1,048
Palomino and Pedro Ximenes	18	—	18	162	—	—	162
Riesling	376	12	389	4,999	—	—	4,999
Semillon	63	2	65	550	—	—	550
Sultana - Thompson Seedless	5,409	134	5,543	19,835	64,077	15,849	99,762
- Other	6,057	175	6,232	24,293	83,982	4,141	112,416
Trebbiano	29	—	29	187	—	—	187
Waltham Cross	437	5	443	1,303	1,757	1,182	4,242
Other white grapes	596	67	663	4,547	25	2,430	7,002
Total white grapes	15,480	642	16,122	100,248	152,323	24,677	277,248
TOTAL	19,049	1,014	20,063	118,452	158,706	33,742	311,028

(a) Area of vines at harvest 1993. (b) Includes grapes sold through the "box trade."

TABLE 34. AREA OF GRAPEVINES, PRODUCTION, AND AVERAGE YIELD BY VARIETY, VICTORIA, SEASONS 1991 TO 1993

Variety	1991			1992			1993		
	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)
Red grapes -									
Cabernet Sauvignon	0.7	3.7	6.7	0.7	5.6	9.4	0.8	5.0	7.4
Current (including Carina)	0.5	6.7	13.4	0.5	11.5	22.5	0.6	6.4	11.8
Grenache	0.1	1.0	12.5	0.1	1.2	14.1	0.1	0.8	9.6
Malaco	—	0.4	11.4	—	0.3	11.3	—	0.2	7.1
Pinot Noir	0.3	1.4	6.4	0.3	1.7	7.2	0.3	1.9	7.4
Red Emperor	0.2	2.1	9.2	0.3	3.2	12.7	0.2	3.0	12.6
Shiraz	0.6	4.2	8.1	0.6	4.7	8.8	0.6	4.5	8.3
Other red grapes	1.3	9.2	8.5	1.3	11.8	9.9	1.3	12.0	9.7
Total red grapes	3.7	28.6	8.9	3.8	40.0	11.6	4.0	33.8	9.4
White grapes -									
Chardonnay	0.8	7.9	11.3	0.9	10.7	13.7	1.1	12.3	13.4
Chenin Blanc	0.1	1.5	18.2	0.1	1.9	20.2	0.1	2.0	17.4
Colombard	0.2	4.9	25.8	0.2	6.7	30.2	0.3	6.8	27.6
Crouchen	0.1	0.9	18.4	—	0.9	20.7	—	0.7	22.9
Doradillo	0.1	2.1	31.2	0.1	2.1	37.8	0.1	1.4	25.3
Muscat Blanc (Frontignac)	—	0.1	12.9	—	0.1	14.1	—	0.2	17.9
Muscat Gordo Blanco	1.1	24.7	23.3	1.1	29.8	27.7	1.0	23.5	23.3
Ohanez	0.1	1.3	9.1	0.1	1.8	12.9	0.1	1.0	9.5
Palomino and Pedro Ximenes	—	0.4	14.0	—	0.3	16.3	—	0.2	9.0
Riesling	0.4	5.2	14.4	0.4	5.0	13.7	0.4	5.0	13.3
Semillon	0.1	0.6	10.4	0.1	0.6	10.7	0.1	0.5	8.7
Sultana - Thompson Seedless	9.0	206.4	23.8	6.2	167.0	27.9	5.5	99.8	18.4
- Other	2.5	56.6	23.9	5.3	148.6	28.9	6.2	112.4	18.6
Trebbiano	—	0.3	7.4	—	0.3	8.7	—	0.2	6.4
Waltham Cross	0.6	7.9	14.2	0.5	8.4	16.5	0.4	4.2	9.7
Other white grapes	0.6	6.1	11.3	0.7	7.5	12.9	0.7	7.0	11.7
Total white grapes	15.6	326.9	21.9	15.7	391.7	25.9	16.1	277.2	17.9
TOTAL	19.2	355.4	19.6	19.5	431.8	23.4	24.1	310.9	16.3

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

TABLE 35. AREA OF GRAPE VINES AT HARVEST 1993 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	49	—	0.2	0.3	45	—	0.2	0.2	50	0.1	0.4	0.5
Barwon	10	—	0.1	0.1	9	—	—	—	12	—	0.1	0.1
Western District	5	—	—	—	4	—	—	—	5	—	0.1	0.1
Central Highlands	16	—	0.2	0.2	16	—	0.1	0.2	18	—	0.3	0.4
Wimmera	10	—	0.1	0.1	9	—	0.1	0.1	10	—	0.1	0.1
Mallee	841	0.2	1.9	2.1	1,580	0.5	14.3	14.8	1,589	0.7	16.2	16.9
Loddon-Campaspe	28	—	0.1	0.1	23	—	—	0.1	29	—	0.2	0.2
Goulburn	61	—	0.3	0.4	49	—	0.3	0.4	66	0.1	0.7	0.7
Ovens-Murray	42	0.1	0.5	0.6	42	—	0.4	0.4	43	0.1	0.9	1.0
East Gippsland	5	—	—	—	6	—	—	—	6	—	—	—
Gippsland	5	—	—	—	5	—	—	—	5	—	—	—
Total Victoria	1,072	0.4	3.6	3.9	1,788	0.6	15.5	16.1	1,833	1.0	19.0	20.1

TABLE 36. PRODUCTION OF GRAPES BY STATISTICAL DIVISION, SEASON 1993 ('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	1.8	—	—	1.8	1.3	—	—	1.3	3.1	—	—	3.1
Barwon	0.2	—	—	0.2	0.1	—	—	0.1	0.3	—	—	0.3
Western District	0.2	—	—	0.2	0.1	—	—	0.1	0.3	—	—	0.3
Central Highlands	0.7	—	—	0.7	0.7	—	—	0.7	1.4	—	—	1.4
Wimmera	0.3	—	—	0.3	0.4	—	—	0.4	0.7	—	—	0.7
Mallee	9.0	6.4	9.1	24.4	90.8	152.3	24.6	267.7	99.7	158.7	33.6	292.0
Loddon-Campaspe	0.4	—	—	0.4	0.2	—	—	0.2	0.6	—	—	0.6
Goulburn	2.2	—	0.1	2.3	3.4	—	0.1	3.4	5.6	—	0.1	5.7
Ovens-Murray	3.4	—	—	3.4	3.3	—	—	3.3	6.7	—	—	6.7
East Gippsland	—	—	—	—	—	—	—	—	0.1	—	—	0.1
Gippsland	—	—	—	—	—	—	—	—	—	—	—	—
Total Victoria	18.2	6.4	9.2	33.8	100.2	152.3	24.7	277.2	118.5	158.7	33.7	311.0

(a) Fresh weight

APPROXIMATE TIMES OF SOWING OR PLANTING AND HARVESTING OF PRINCIPAL CROPS

Item	Time of sowing or planting	Harvesting period
Cereals -		
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
Fruit -		
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
Other crops -		
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
Vegetables -		
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 1992-93 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 ABS excludes from the Census those establishments which make only a small contribution to overall agricultural production. From 1991-92 the scope of the Census includes establishments undertaking agricultural activity having an Estimated Value of Agricultural Operations (EVAO) of \$22,500 or more. The scope of previous Censuses (from 1986-87) was establishments undertaking agricultural activity having an EVAO of \$20,000 or more.

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

4. 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

5. 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 between 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

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

7. 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).

8. 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.

9. 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.

10. EVAO is calculated by using a weighted average over a three year period.

Financial statistics

11. The gross value of commodities shown in Table 4 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.

12. 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).

13. Values include any relevant subsidy and bounty payments.

Related publications

14. 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) (\$27.50)

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

AgStats

16. *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.

17. *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 1992-93 inclusive.

Unpublished agricultural statistics

18. In some cases the ABS can also provide additional information which is unpublished such as at the parish and statistical local area 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. Percentages given in the Summary of Findings are calculated before rounding.

Acknowledgements

My thanks to farmers in Victoria and the staff of the Agriculture and Publications Sub-sections who have made this publication possible.

STUART JACKSON
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VICTORIA

STATISTICAL DIVISIONS

As at 1 January 1991 (Anterior)



ABS data on agricultural activity

PRINTED VICTORIAN PUBLICATIONS FOR 1992-93

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 grain, 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
- Area and type of crops and pastures artificially fertilised and quantity and type of fertiliser used
- 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*

- Gross values of production of crops, livestock slaughterings, and livestock products
- Average unit gross values for selected commodities
- Regional gross values of agricultural commodities produced

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Special Data Service

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