

Principal Agricultural, Dairying and Pastoral Features of the various Districts of the State of Victoria, Season 1951-52

District.	Area Occupied.	Number of Holdings.	CULTIVATION.							DAIRYING AND PASTORAL.					PRODUCE.				
			Wheat (Grain).	Oats (Grain).	Barley (Grain).	Potatoes.	Onions.	Maize for Grain.	Vines.	Orchards Growing Fruit for Sale.	Dairy Cattle.	Other Cattle.	Horses.	Pigs.	Sheep.	Wheat.	Butter.	Wool.	Honey.
	Acres.		Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	No.	No.	No.	No.	No.	Bushels.	lb.	lb.	lb.
Central .. .. .	2,717,945	14,908	11,030	7,546	2,041	18,029	1,559	66	45	2,987	41,057	126,399	47,295	41,180	1,985,189	180,428	13,821,143	19,770,189	690,393
North Central .. .. .	2,125,197	4,501	10,678	8,790	1,281	7,446	..	4	45	2,987	41,057	50,829	9,978	7,743	1,705,202	182,139	3,413,896	18,666,309	552,884
Western .. .. .	6,584,899	12,249	26,885	30,937	6,022	7,408	2,901	2	..	981	354,063	182,251	29,421	25,684	6,633,572	534,090	32,884,074	68,980,609	343,861
Wimmera .. .. .	6,229,668	6,145	838,405	166,275	52,086	162	15	..	650	3,351	29,145	12,624	10,699	6,168	3,219,684	20,245,300	1,751,607	36,620,555	1,118,293
Mallee .. .. .	7,311,220	6,203	1,168,055	298,252	81,796	25	3	..	40,172	4,618	27,535	9,088	8,879	9,228	1,340,466	17,925,146	3,321,569	13,219,366	147,002
Northern .. .. .	5,505,301	11,384	377,039	148,796	21,455	134	67	2	907	27,098	201,960	67,334	26,403	54,854	3,702,061	6,344,265	22,035,970	38,620,113	1,628,786
North-Eastern .. .. .	3,785,572	5,159	29,813	15,325	808	1,294	5	707	3,489	1,767	142,206	166,896	15,288	25,276	1,630,504	557,150	16,467,201	17,011,011	563,526
Gippsland .. .. .	3,675,757	8,749	1,669	582	2,735	7,610	195	3,334	..	456	371,456	160,586	21,283	43,537	1,320,551	26,234	41,471,326	12,070,486	163,227
<b>Total for State .. .. .</b>	<b>37,935,559</b>	<b>69,298</b>	<b>2,463,574</b>	<b>676,503</b>	<b>186,224</b>	<b>42,108</b>	<b>4,745</b>	<b>4,115</b>	<b>45,267</b>	<b>68,715</b>	<b>1,438,523</b>	<b>776,007</b>	<b>169,246</b>	<b>213,670</b>	<b>21,537,229</b>	<b>45,994,752</b>	<b>135,166,786</b>	<b>224,958,638</b>	<b>5,207,972</b>

Minor Crops of Special Interest:—Acreage: Canary Seed, 195; Chicory, 260; Hops, 347; Tobacco, 1,500; Millet (Broom), 250; Sunflowers, 35; Grass Seed, 11,083; Mustard, 265; Japanese Millet for Seed, 1,171; Flax, 2,821; Linseed, 4,431.



**TOTALS.**

SEASON.	AVERAGE RAINFALL.	WHEAT.		LIVE STOCK.	
		Area.	Wool, Total Production.	Cattle.	Sheep.
1949-50 .. .	25-05	2,828,273	20-31	225,242,564	2,230,948
1950-51 .. .	26-52	2,735,473	18-73	218,266,009	2,216,253
1951-52 .. .	27-91	2,463,574	18-67	224,958,638	2,214,530
1952-53 .. .	32-75	2,232,097	22-55	252,195,365	2,297,208
1953-54 .. .	25-38	2,389,304	22-47	223,481,036	2,370,184

# VICTORIA

Showing Location of Butter Factories in operation, e.g., Orbest; also Rainfall and Statistics of Wheat, Wool and Live Stock, in each District for 5 years; and Agricultural, Dairying and Pastoral Statistics in detail, for the Season 1951-52.



Drawn at the Department of Lands & Survey, Melbourne.

## PART II.

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### LAND SETTLEMENT ; AGRICULTURE ; PASTORAL AND DAIRYING ; FORESTRY.

#### LAND AND SETTLEMENT.

The total area of the State is 56,245,760 acres. On 31st December, 1951, this comprised :—

	Acres.
Lands alienated in fee-simple .. .. .	30,179,235
Lands in process of alienation .. .. .	2,695,859
Crown lands .. .. .	23,370,666
Total .. .. .	56,245,760

The Crown lands comprise :—

Permanent forests (under Forests Act) .. .. .	4,453,808
Timber reserves (under Forests Act) .. .. .	717,378
State Forests and timber reserves (under Land Act)	176,135
Water reserves .. .. .	318,545
Reserves in the Mallee .. .. .	410,000
Other reserves .. .. .	550,937
Roads .. .. .	1,794,218
Water frontages, beds of rivers, lakes, &c., unsold land in cities, towns, and boroughs ..	4,254,968
Land in occupation under—	
Perpetual leases .. .. .	78,862
Leases of former Agricultural College lands ..	42,524
Other leases and licences .. .. .	19,908
Temporary grazing licences .. .. .	8,567,461
Unoccupied .. .. .	1,985,922
Total .. .. .	23,370,666

**Allienation of land.** In the following table are shown the area of Crown lands sold absolutely and conditionally, and the area of lands alienated in fee-simple during the six years 1946-51. A portion of the area conditionally sold reverts to the Crown each year in consequence of the non-fulfilment of conditions by the selectors. The lands alienated each year include areas selected in previous years :—

VICTORIA—ALIENATION OF CROWN LANDS, 1946  
TO 1951.

Year Ended 31st December.	Area of Crown Lands Sold.			Crown Lands Alienated in Fee-simple.	
	Absolutely, at Auction, &c.	Conditionally to Selectors.	Total.	Area.	Purchase Money.
	Acres.	Acres.	Acres.	Acres.	£
1946 .. ..	1,789	49	1,838	264,316	126,625
1947 .. ..	2,974	..	2,974	247,189	161,135
1948 .. ..	3,450	..	3,450	169,258	197,367
1949 .. ..	2,596	..	2,596	128,699	237,476
1950 .. ..	2,557	..	2,557	108,142	278,913
1951 .. ..	3,976	..	3,976	174,347	374,214

**Amount realized by sale of Crown lands.** From the period of the first settlement of the State to the end of 1951 the amount realized by the sale of Crown lands was £38,951,302. Payment of a considerable portion of this amount extended over a series of years without interest, upon very easy terms.

**Transfer of Land Act.** The "Torrens System", whereby a person becomes registered as the proprietor of land by means of a Certificate of Title, indefeasible and guaranteed by the State, was introduced into Victoria in 1862. The system has been the means of simplifying procedure in, and reducing the cost of, dealing in real estate, and gives a title to the registered owner free of any latent defect. The original Crown grant or subsequent Certificate of Title in lieu thereof issues through the Titles Offices.

In order to bring under the Transfer of Land Act land that was alienated by the Crown prior to 1862 (5,142,321 acres), application must be made accompanied by the deeds in the claim of title or, if adverse possession is relied on, strict proofs of the applicant's interest in the property. During 1951 there were submitted 128 such applications

in respect of land amounting in area to 1,082 acres, and in value to £281,591 ; while the land actually brought under the Act as a result of applications was 810 acres valued at £273,915. Up to the end of 1951 there had been brought under the Act 3,318,441 acres valued at £76,128,224. The area of land still under the Old Law System at the end of 1951 was 1,823,880 acres. A summary of dealings under the Transfer of Land Acts will be found in part "Accumulation" of the *Year-Book*.

**Assurance Fund.** In granting an application to have land brought under the *Transfer of Land Act* 1928, the Commissioner of Titles is required to issue a perfect Title save as to any circumstances of which he has had notice. To assure and indemnify the Government in a case where the Supreme Court or some higher Tribunal has decided that some person other than the applicant has an interest in the property, and it has consequently been found necessary to compensate such other person, there has been constituted an Assurance Fund which is built up of contributions of  $\frac{1}{2}$ d. in the £ on the value of the land covered by the application. During 1951-52 receipts of the Fund comprised contributions, £2,780, and interest on stock, £3,269. Claims during the year amounted to £843, and the sum of £5,095 was paid out in accordance with section 3 of the *Special Funds Act* 1920 to provide for the interest on loan moneys expended on University buildings. The balance at the credit of the Assurance Fund on 30th June, 1952, was £124,517. The amount paid up to 30th June, 1952, as compensation and for judgments recovered, including costs, was £12,315.

#### DISCHARGED SOLDIERS' SETTLEMENT.

**Soldier Settlement Commission.** The *Soldier Settlement Act* 1945, No. 5107, *inter alia*, (a) authorized the ratification of an agreement between the State of Victoria and the Commonwealth of Australia relating to the settlement on land of discharged members of the forces ; (b) provided for the constitution of a Soldier Settlement Commission consisting of three members to administer soldier settlement and the appointment of the necessary officers and employees of the Commission and local advisory committees ; (c) provided for the raising of £15,000,000 towards soldier settlement and the application thereof ; (d) prescribed the powers and functions of the Commission relating to the acquisition and setting apart of land for purposes of soldier settlement ; (e) provided for the valuation of land and the determination of disputed claims for compensation ; and (f) set out the general duties of the Commission as to the settlement of discharged soldiers on the land and the advances to such soldiers.

The *Soldier Settlement (Amendment) Act* 1946, No. 5133, (a) extended the powers of the Commission to subdivide land by enabling the setting aside of portions of the land for public purposes and the disposal of unsuitable positions; (b) provided for the appointment of assessors, two of whom will sit with the judge during hearings of disputed claims for compensation; and (c) extended the power of the Commission to make advances to discharged soldiers to include the making of "advances in kind" of stock, implements, and equipment.

Section 41 of the principal Act imposed the duty on the Commission to recommend such other legislation considered to be necessary or expedient in order to give effect to the War Service Land Settlement Agreement. The performance of this duty resulted in the *Soldier Settlement Act* 1946, No. 5179, which (a) legislated in detail for the subdivision of lands acquired for soldier settlement and the settling of discharged soldiers thereon; (b) authorized the making of advances to discharged soldiers in connexion with single-unit farms and for "carrying-on" expenses and for the purchase of stock, plant, equipment, &c.; and (c) contained miscellaneous administrative provisions and made consequential amendments to the Soldier Settlement Acts.

In October, 1951, the Soldier Settlement Acts were amended by Parliament. The amendment, in brief, increased the Loan Raising Authority for Soldier Settlement purposes, authorized the Registrar-General and the Registrar of Titles to make notations on memorials and titles that land has been vested in the Crown, and increased the rate of interest to be credited to amounts paid to Settlers' and Mortgagors' Credit accounts, from 2 per cent. per annum to a rate equal to that payable on Commonwealth Government Bonds of the longest term appertaining to the last Commonwealth Loan raised before the 30th June in each financial year.

To 30th June, 1952, the Commission has acquired by  
**Land Acquired.** voluntary negotiation land as follows:—

	Acres.	Price Paid. £
Land acquired prior to 1st July, 1951 ..	817,978	9,162,458
Land acquired 1st July, 1951, to 30th June, 1952 .. .. .	72,042	1,234,616
	890,020	10,397,074

In addition to the land acquired, 27,706 acres of Crown Land have been set apart for settlement purposes.

In order to maintain production from acquired properties, it is the policy of the Commission to lease the land back to the vendors or to other suitable tenants pending sub-division and allocation to Settlers.

To 30th June, 1952, 16,116 ex-servicemen had lodged applications for classification as to eligibility and suitability. Of this number, 14,429 have appeared before Classification Boards with the following results :—

Suitable for farm ownership	.. .. .	10,682
Suitable for further training	.. .. .	1,600
Unsuitable, withdrawn, deferred, and ineligible	.. .. .	2,147
		14,429

**Land Allocated.** Of the land acquired and set apart, 771,386 acres have been sub-divided into 1,885 holdings. These holdings were made available for application and to 30th June, 1952, 1,830 holdings, comprising 745,000 acres, have been allocated.

**Development of Holdings.** The War Settlement Land Agreement provides that the State shall, *inter alia*, develop and improve land to a stage when it can be brought into production within a reasonable time. This work envisaged the erection of residences, fencing, and improvements, clearing, provision of water points, pasture improvement, planting of orchards, vineyards, &c., construction of roads, and arrangements for electricity supply if available. During 1951-52, 288 new houses were built and 10 existing ones removed. A total of 1,157 new houses has now been handed over for occupation by settlers and 46 existing houses have been renovated.

Close co-operation exists between the Commission, the Country Roads Board, and the State Rivers and Water Supply Commission in connexion with the construction of necessary roads and the lay-out of irrigation farms, &c.

**Single Unit Farms.** Financial assistance afforded to ex-servicemen to enable them to purchase farms of their own choosing is solely a State responsibility and is outside the terms of the War Service Land Settlement Agreement. The evidence to date shows that this form of re-habilitation is less costly to the State and more satisfactory to the ex-serviceman than that provided under the Agreement mentioned.

Financial assistance amounting to £9,253,736 has been approved for 2,482 ex-servicemen. As advances of up to 90 per cent. of the Commission's valuations of the farms are provided for under the Act it is expected that some losses must be incurred.

**Commonwealth Agricultural Loans and Allowances.** The Commission as agent for the Commonwealth Government administers the *Re-Establishment and Employment Act* 1945 as far as it relates to the granting of agricultural loans and allowances. Loans are limited to £1,000 in each case and all capital is provided and administrative expenses are borne by the Commonwealth Government.

For the year ended 30th June, 1952, loans totalling £1,789,504 were made to 2,965 ex-servicemen and re-establishment allowances, which are not repayable, totalling £295,334 were made to 2,309 applicants. Of the £1,789,504 granted for loans £1,050,587 has been repaid.

### WATERWORKS.

All Victorian waterworks are controlled by official State bodies, either State or local. The following table shows State expenditure (all of which was from loan funds) on works under the control of the State Rivers and Water Supply Commission, as well as grants and loans to local bodies. In addition to free grants to local bodies, large sums have been written off their liabilities. The following information has been taken from the Annual Report of the State Rivers and Water Supply Commission :—

#### VICTORIA—STATE EXPENDITURE AND LOAN LIABILITY ON WATERWORKS\* TO 30TH JUNE, 1952.

Description of Works.	Capital Expenditure to 30th June, 1952.	Loan Redemption Paid.	Loan Liability at 30th June, 1952.
	£	£	£
Free Headworks .. .. .	1,258,783	3,234	1,255,549
Capital Works and Charges not apportionable to Districts .. .. .	5,812,634	404,315	5,408,319
Headworks Costs apportioned to Districts .. .. .	26,269,838	151,087	26,118,751
Irrigation and Water Supply Districts (exclusive of Headworks Costs) .. .. .	10,115,707	111,999	10,003,708
Urban Divisions of Irrigation Districts .. .. .	102,904	2,458	100,446
Waterworks Districts (exclusive of Headworks Costs) .. .. .	3,148,055	64,943	3,083,112
Urban Districts of Waterworks Districts (exclusive of Headworks Costs) .. .. .	3,820,539	62,041	3,758,498
Flood Protection and Drainage Districts .. .. .	554,247	9,414	544,833
Waterworks Trusts and Local Governing Bodies .. .. .	7,346,006	1,012,545	6,333,461
River Improvement Trusts .. .. .	33,434	63	33,371
Latrobe Valley Drainage .. .. .	9,369	..	9,369
<b>TOTAL .. .. .</b>	<b>58,471,516</b>	<b>1,822,099</b>	<b>56,649,417</b>

\* Excluding Melbourne and Metropolitan Board of Works, Geelong Waterworks and Sewerage Trust, and the Ballarat Water Commission, particulars of which appear in Part "Local Government" of this issue.

## IRRIGATION AND WATER SUPPLY DEVELOPMENT.

**Progress of Irrigation.** Prior to 1905 the management of irrigation in Victoria was in the hands of various Irrigation Trusts, which were financed by the State. These Trusts drifted into financial difficulties and the State was compelled to assume control. In the year mentioned, the State Rivers and Water Supply Commission was constituted and entrusted with the management of all irrigation works except those controlled by the First Mildura Trust. This authority is embodied in the *Water Act* 1928, which consolidates the Water Acts of 1915, 1916, and 1918, and the *Ballarat Water Commissioners Act* 1921.

The particulars in the following statement, while not covering the whole of the activities of the State Rivers and Water Supply Commission, furnish a general idea of the development of water conservation and distribution, and of drainage and flood protection in districts under its administration :—

VICTORIA—WATER CONSERVATION AND DISTRIBUTION :  
DRAINAGE AND FLOOD PROTECTION DISTRICTS.

	At 30th June—	
	1907.	1951.
Area of State artificially supplied with water (acres)	10,800,000	15,227,600
Capacity of reservoirs .. .. (acre feet)	474,000	1,977,320
<b>Irrigation Districts—</b>		
Number of Districts administered .. ..	10	28
Number of Districts having Water Rights .. ..	Nil	26
Total of such Water Rights .. .. (acre feet)	Nil	577,692
Area classified as irrigable .. .. (acres)	..	1,089,902
Area under Irrigated Culture .. .. (acres)	108,000	723,797
<b>Rural Waterworks Districts (Domestic and Stock Supply)—</b>		
Number of Districts administered .. ..	3	29
Annual Value for Rating purposes .. .. (£)	125,000	1,705,429
<b>Urban Districts—</b>		
Number of Districts administered .. ..	1	91
Annual Value for Rating purposes .. .. (£)	5,600	1,533,424
<b>Coliban System (Urban, Rural, Irrigation, and Mining Supplies)—</b>		
Annual Value for Urban Rating purposes .. .. (£)	317,750	582,474
<b>Flood Protection Districts—</b>		
Number of Districts administered .. ..	..	4
<b>Drainage Districts—</b>		
Number of Districts administered .. ..	..	1
Number of Assessments .. ..	..	4,985



## PROGRESS IN IRRIGATION DEVELOPMENT.

The area under irrigated culture for all kinds of crops has increased from 129,771 acres in 1909-10 to 723,797 acres in 1951-52.

## VICTORIA—LANDS UNDER IRRIGATED CULTURE, 1951-52.

District.	Area Irrigated.
	Acres.
Katandra .. .. .	6,175
North Shepparton .. .. .	17,049
Shepparton .. .. .	17,963
South Shepparton .. .. .	8,336
Rodney .. .. .	95,016
Tongala-Stanhope .. .. .	43,811
Rochester .. .. .	67,147
Dingee .. .. .	4,318
Calivil .. .. .	11,920
Tragowel Plains .. .. .	44,501
Deakin .. .. .	7,392
Boort .. .. .	16,556
Cohuna .. .. .	58,996
Koondrook .. .. .	36,025
Swan Hill .. .. .	24,440
Third Lake .. .. .	2,926
Mystic Park .. .. .	3,057
Tresco .. .. .	1,670
Fish Point .. .. .	2,699
Kerang .. .. .	38,930
Murray Valley .. .. .	46,455
Kerang North-West Lakes .. .. .	3,987
Nyah .. .. .	3,042
Red Cliffs .. .. .	11,561
Merbein .. .. .	8,432
Robinvale .. .. .	2,530
East Loddon .. .. .	379
Loddon .. .. .	15
West Loddon .. .. .	4,618
Coliban .. .. .	7,539
Campaspe .. .. .	303
Western Wimmera .. .. .	2,733
Wimmera United .. .. .	101
Bacchus Marsh .. .. .	3,390
Werribee .. .. .	8,015
Maffra-Sale .. .. .	24,637
Mornington Peninsula .. .. .	1,544
Bellarine Peninsula .. .. .	104
Lands outside constituted Districts .. .. .	85,485
Total .. .. .	723,797

**Total area irrigated.**

The subjoined table shows the total extent of irrigated land in the State in each of the five years, 1948 to 1952, and the purposes for which the land was utilized. The area irrigated in 1951-52 (723,797 acres) was a record, being 829 acres in excess of the 1948-49 total. Areas of sown pastures irrigated have increased in latter years and in 1951-52 reached 442,368 acres. This tends to add stability to production and to provide a more productive use for the water available:—

### VICTORIA—IRRIGATED AREAS: HOW UTILIZED.

Crop.	Year ended 30th June—				
	1948.	1949.	1950.	1951.	1952.
	Acres.	Acres.	Acres.	Acres.	Acres.
Cereals .. .. .	33,889	62,123	35,305	25,264	20,634
Lucerne .. .. .	65,211	62,071	60,095	54,472	48,546
Sorghum and other annual fodders .. .. .	8,685	9,937	7,903	5,097	9,758
Pastures .. .. .	478,576	483,867	453,349	522,188	533,006
Vineyards, Orchards, and Market Gardens .. .. .	88,539	90,028	93,034	93,698	95,985
Fallow and Miscellaneous .. .. .	11,948	14,942	12,604	15,332	15,868
Total .. .. .	686,848	722,968	662,290	716,051	723,797

Of the total area irrigated in 1951-52 (723,797 acres) the percentages devoted to different purposes were as follows:—Pastures 74; lucerne, 7; vineyards, orchards, and gardens, 13; cereals, 3; sorghum and other annual fodder crops, 1; fallows and miscellaneous, 2.

**Progress in Irrigation Areas 1951-52.** Dairying and fat lamb production are two of the principal industries in irrigation districts. Dairy herds grazed on irrigated pastures obtained prominent positions in the 1951-52 Standard Herd Test conducted by the Department of Agriculture.

The production of dried vine and tree fruits, of citrus, and of fruits for canning are established features in these districts. There has also been considerable expansion in vegetable growing and a development



EXISTING STORAGES—*continued.*

	Capacities in Acre Feet.
<i>Murray-Loddon System—</i>	
Hume Reservoir (half share of 1,250,000 acre feet) ..	625,000
Yarrowonga Weir (half share of 95,120 acre feet) ..	47,560
Torrumbarry (half share of 28,900 acre feet) ..	14,450
Mildura (half share of 29,360 acre feet) ..	14,680
Wentworth (half share of 38,140 acre feet) ..	19,070
Euston (half share of 31,320 acre feet) ..	15,660
Kow Swamp .. .. .	40,860
Laanecoorie .. .. .	6,300
Kerang North-west Lakes .. .. .	69,400
Lake Boga .. .. .	29,650
Lake Cullulleraine .. .. .	2,000
	884,630
<i>Wimmera-Mallee System—</i>	
Fyans Lake .. .. .	17,100
Lake Lonsdale .. .. .	53,300
Wartook .. .. .	23,800
Taylor's Lake .. .. .	30,000
Pine Lake .. .. .	52,000
Green Lake .. .. .	6,600
Dock Lake .. .. .	4,800
Moora .. .. .	5,100
Lower Wimmera Weirs .. .. .	2,870
Batyo Catyo (Avon Regulator) .. .. .	5,000
Lake Whitton .. .. .	1,300
Township Reservoirs, and Mallee Tanks .. .. .	4,990
	206,860
<i>Maffra-Sale System—</i>	
Glenmaggie Reservoir (part of 154,000 acre feet) ..	106,000
Stratford Service Basin .. .. .	20
Heyfield Service Basin .. .. .	20
	106,040
<i>Coliban System—</i>	
Upper Coliban .. .. .	25,700
Malmsbury .. .. .	14,400
Lauriston .. .. .	16,000
Spring Gully .. .. .	2,000
Subsidiary Reservoirs .. .. .	4,630
	62,730
<i>Werribee System—</i>	
Pykes Creek .. .. .	19,400
Melton .. .. .	15,500
	34,900
<i>Bellarine Peninsula System—</i>	
Wurdee Boluc .. .. .	10,000
Service Basins .. .. .	850
	10,850

## EXISTING STORAGES—continued.

	Capacities in Acre Feet.
<i>Mornington Peninsula System—</i>	
Lysterfield .. .. .	3,400
Beaconsfield .. .. .	740
Frankston .. .. .	660
Mornington .. .. .	260
Bittern .. .. .	480
Service Basins .. .. .	260
	5,800
<i>Otway System—</i>	
Service Reservoirs .. .. .	1,080
<i>Miscellaneous—</i>	
Eppalock .. .. .	1,200
Wonthaggi .. .. .	1,550
Wonthaggi Service Basins .. .. .	10
Newstead .. .. .	30
Hepburn's Lagoon .. .. .	1,370
Little River Weir .. .. .	100
Moorabool River Weirs .. .. .	70
	4,330
Total capacity of existing Storages .. .. .	1,977,320

ADDITIONAL STORAGE BEING PROVIDED BY WORKS IN COURSE OF  
CONSTRUCTION.

<i>Goulburn System—</i>	
Eildon (enlargement to 2,750,000 acre feet) .. .. .	2,444,000
<i>Wimmera-Mallee System—</i>	
Rocklands .. .. .	272,000
<i>Murray-Loddon System—</i>	
Cairn Curran .. .. .	120,000

FURTHER STORAGE WHICH COULD BE PROVIDED BY COMPLETION OF  
EXISTING WORKS.

<i>Maffra-Sale System—</i>	
Glenmaggie Reservoir (balance of 154,000 acre feet) .. .. .	48,000
<i>Murray System—</i>	
Hume Reservoir, at junction with Mitta River (half share of balance of 2,000,000 acre feet) .. .. .	375,000
	423,000
Total capacity of storages when works are completed .. .. .	5,236,320

Detailed descriptions of the various systems which have been instituted for irrigation and for supplying water for domestic and stock purposes appear in the *Year-Book* for 1928-29 (pp. 526 to 534).

METEOROLOGY.

**Meteorological  
Records.**

Particulars in regard to climate and weather conditions have been furnished by the Meteorological Bureau, and are given in the following tables. In the first are shown the rainfall for each district and for the whole State for each of the years 1901 to 1953, together with the average rainfall covering a period of 30 years:—

VICTORIA—RAINFALL IN DISTRICTS.

Year Ended 31st December.	Districts.							Whole State.	
	Mallee.	Wimmera.	North-ern.	North-Central.	North-Eastern.	Western.	Central.		Gipps-land.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	
1901	9.39	16.61	13.58	24.78	28.08	27.90	28.98	33.66	22.05
1902	7.64	11.94	11.26	18.41	20.10	23.54	24.88	33.35	18.55
1903	16.34	22.76	22.22	32.07	33.13	33.43	32.86	33.68	27.44
1904	10.75	17.22	17.32	28.00	33.56	28.54	31.29	30.02	23.49
1905	12.01	18.40	16.39	25.36	31.72	28.79	29.61	37.84	24.53
1906	15.22	23.42	24.16	32.00	42.11	32.53	30.13	34.81	28.49
1907	9.25	17.07	14.74	22.42	26.19	26.16	25.36	27.20	20.40
1908	12.33	17.72	14.38	19.98	26.40	25.81	20.08	24.29	20.02
1909	14.35	22.38	20.04	29.77	35.62	31.37	30.57	34.09	26.52
1910	15.96	22.36	20.13	29.13	32.10	32.45	28.28	30.80	25.96
1911	17.84	19.89	19.87	29.79	33.24	31.13	36.88	39.71	28.08
1912	12.50	17.52	18.12	23.00	30.93	25.94	24.92	26.60	21.86
1913	12.66	16.38	16.76	24.22	29.60	25.85	27.64	34.65	22.96
1914	7.29	9.76	9.73	14.95	19.94	18.56	20.05	23.81	14.66
1915	12.42	18.98	16.75	25.65	34.17	27.44	24.67	27.63	22.35
1916	17.72	22.54	25.60	34.44	44.01	30.72	38.78	37.78	30.27
1917	19.55	21.96	26.34	35.86	56.09	31.70	32.41	34.63	30.77
1918	13.59	16.44	21.96	28.30	36.96	25.70	30.11	33.39	24.70
1919	11.46	13.86	15.06	21.21	27.27	26.47	25.48	37.03	22.77
1920	14.93	16.04	20.15	28.37	34.42	25.99	31.38	33.37	25.43
1921	16.29	19.99	23.69	31.75	39.57	27.36	31.13	31.73	25.35
1922	10.44	17.15	13.15	20.85	26.10	28.09	27.82	32.92	21.35
1923	15.07	20.21	17.60	27.30	34.80	33.51	30.11	33.88	26.12
1924	16.08	22.17	23.29	34.74	40.70	31.13	40.30	37.37	28.10
1925	9.87	14.20	14.09	20.28	27.42	22.43	23.12	29.69	19.74
1926	12.64	17.00	16.85	24.25	35.36	26.70	24.20	29.72	22.90
1927	7.66	13.93	11.14	18.67	26.15	23.20	22.16	28.43	18.56
1928	14.04	19.10	21.27	29.56	37.21	30.46	29.86	33.98	26.14
1929	9.10	15.56	13.65	24.20	27.24	29.28	31.13	32.36	22.00
1930	15.32	20.94	19.68	30.59	32.49	29.43	30.85	33.66	25.76
1931	14.86	19.25	21.77	31.20	43.18	28.79	32.88	32.65	26.97
1932	14.96	18.90	20.60	29.63	34.33	31.85	32.91	34.19	26.34
1933	14.13	20.96	20.25	31.09	32.09	26.87	27.56	30.65	24.47
1934	13.21	16.64	21.01	28.57	42.81	29.20	35.60	43.39	27.60
1935	10.84	17.71	19.53	29.14	35.86	30.49	34.23	42.53	26.63
1936	14.39	19.41	19.50	28.47	35.52	26.01	30.24	36.38	25.63
1937	12.69	17.19	13.70	20.08	26.25	26.39	25.20	28.33	21.02
1938	6.30	11.39	8.66	15.62	20.49	22.63	20.47	26.39	16.28
1939	15.32	20.33	27.72	37.83	53.05	32.94	38.10	38.16	31.37
1940	6.82	11.26	9.67	17.13	21.21	21.51	22.81	26.94	16.73
1941	12.23	20.14	17.31	25.39	30.41	29.73	31.53	33.13	24.29
1942	14.31	22.04	19.66	31.91	38.28	30.54	29.68	31.59	26.28
1943	8.25	13.48	10.98	20.22	26.76	25.86	22.46	30.05	19.44
1944	6.59	10.46	9.24	17.10	20.72	24.30	23.97	27.54	17.09
1945	9.63	15.20	14.84	21.72	29.97	25.21	22.25	28.60	20.50
1946	14.07	22.07	17.76	29.86	39.85	40.20	33.04	41.19	29.37
1947	15.16	22.71	20.35	32.93	40.91	33.80	33.00	36.10	28.46
1948	11.29	19.15	16.46	24.82	31.98	28.37	25.93	34.37	23.61
1949	11.80	16.67	20.45	31.35	33.72	26.91	32.62	36.72	25.05
1950	17.57	20.04	23.67	31.63	35.03	24.01	30.82	36.65	26.52
1951	12.09	19.61	20.26	31.87	37.45	33.32	34.71	41.78	27.91
1952	15.22	21.87	21.86	35.56	46.24	39.30	40.66	48.71	32.75
1953	12.27	19.62	16.81	28.69	35.57	30.40	30.75	35.29	25.38
1954	13.41	17.68	21.22	29.88	35.58	25.92	30.93	34.02	25.02
Averages*	12.49	17.52	18.09	27.06	34.81	27.58	29.64	33.47	24.28

\* Averages for a standard 30 years' period 1911-1940.

The heaviest rainfall in the State occurs in the Eastern highlands (from the Yarra watershed to the Upper Murray), in the Cape Otway Forest in the Western District, and in the South Gippsland, Latrobe and Thomson Basin sections of the Gippsland District. The lightest rainfall is in the Mallee District, the northern portion of which receives on the average from 10 to 12 inches only per year.

The means of the climatic elements for the seasons in Melbourne deduced from all available official records are given in the following table:—

#### MEANS OF CLIMATIC ELEMENTS IN MELBOURNE.

Meteorological Elements.	Spring.	Summer.	Autumn.	Winter.
Mean pressure of air in inches .. ..	29·974	29·920	30·079	30·077
Monthly range of pressure of air—inches	0·886	0·768	0·816	0·974
Mean temperature of air in shade—° Fahr.	57·8	66·6	59·4	50·4
Mean daily range of temperature of air in shade—° Fahr. .. ..	18·7	21·1	17·4	14·0
Mean relative humidity. Saturation = 100	65	59	69	74
Mean rainfall in inches .. ..	7·15	6·05	6·55	5·80
Mean number of days of rain .. ..	39	25	34	44
Mean amount of spontaneous evaporation in inches .. ..	10·26	17·30	8·03	3·78
Mean daily amount of cloudiness—Scale 0 to 8 .. ..	5·9	5·5	6·5	6·5
Mean number of days of fog .. ..	1	1	7	12

In the subjoined statement are shown the yearly means of the climatic elements in Melbourne for 1951 together with averages and number of years of record for each element as well as the extremes between which the yearly mean values of such elements have oscillated in the latter periods.

YEARLY MEANS AND EXTREMES OF CLIMATIC  
ELEMENTS IN MELBOURNE.

Meteorological Elements.	Mean for Year 1951.	Means Over Period of Years.			
		Number of Years Recorded.	Mean for Period.	Extremes between which the yearly mean values have oscillated during the number of years shown in second column.	
				Highest.	Lowest.
Mean atmospheric pressure (inches)	29.974	94	30.012	30.106	29.945
Highest atmospheric pressure (inches)	30.600	94	30.603	30.770	30.405
Lowest atmospheric pressure (inches)	29.210	94	29.250	29.495	28.942
Range (inches) .. .. .	1.390	94	1.355	1.719	1.074
Mean temperature of air in shade (° Fahr.) .. .. .	59.3	96	58.3	59.9	57.3
Mean daily maximum (° Fahr.) ..	68.3	96	67.4	69.4	65.4
Mean daily minimum (° Fahr.) ..	50.2	96	49.5	51.2	47.2
Absolute maximum (° Fahr.) ..	104.3	96	105.0	114.1	96.6
Absolute minimum (° Fahr.) ..	34.1	96	31.0	34.2	27.0
Mean daily range (° Fahr.) ..	18.1	96	17.8	20.4	15.0
Absolute annual range (° Fahr.) ..	70.2	96	74.0	84.1	66.0
Terrestrial radiation (mean minima) (° Fahr.) .. .. .	46.7	91	44.0	47.1	39.5
Rainfall (in inches) .. .. .	29.85	96	25.55	38.04	15.61
Number of wet days .. .. .	155	96	142	187	102
Year's amount of free evaporation (in inches) .. .. .	41.34	79	39.37	45.66	31.59
Percentage of humidity (saturation = 100) .. .. .	65	95	67	76	58
Cloudiness (scale 8 = overcast, 0 = clear) .. .. .	5.0	94	5.9	6.7	4.8
Number of days of fog .. .. .	9	94	21	50	5



An estimate of the areas of the State, subject to different degrees of rainfall, is contained in the following statement:—

### VICTORIA—DISTRIBUTION OF AVERAGE RAINFALL.

Rainfall.							Area.
Inches.							Square Miles.
Under 10	..	..	..	..	..	..	Nil
10 to 15	..	..	..	..	..	..	19,686
15 to 20	..	..	..	..	..	..	13,358
20 to 25	..	..	..	..	..	..	15,731
25 to 30	..	..	..	..	..	..	15,819
30 to 40	..	..	..	..	..	..	14,150
Over 40	..	..	..	..	..	..	9,140

### AGRICULTURAL RESEARCH AND EDUCATION.

**Department of Agriculture.** This Department is controlled by a Minister of the Crown under whom there is a staff of experts with the Director of Agriculture as Permanent Head. The Department is actively engaged in research, advisory and regulatory activities relating to the agricultural, horticultural, and live stock industries of the State.

**Research Stations.** Research and experimental work is conducted at the State Research Farm, Werribee, the Rutherglen Research Station, the Mallee Research Station, Walpeup, the Horticultural Research Stations at Tatura and Scoresby, the Potato Research Station, Healesville, the Tobacco Research Station, Myrtleford, the School of Dairy Technology and Dairy Research Institute, Werribee, and the Plant Research Laboratory, Burnley. A Pasture Research Station and Plant Breeding Centre are also situated at Burnley. Cereal experimental centres are located at Longerenong and Dookie Agricultural Colleges. The Department is developing a property at Ellinbank, near Warragul, as a Dairy Cattle Research Station, and an Animal Husbandry Research Institute is being established at Werribee. Crop and pasture investigations have been initiated at Glenormiston in the Western District and experimental work and demonstrations are also conducted on numerous selected private farms and orchards throughout the State.

The work in progress at the State Research Farm, Werribee, is directed towards the production of improved varieties of wheat, oats, barley, flax, and other crops. Investigations are also being undertaken into soil fertility problems, irrigated pastures, and the breeding, feeding, and management of dairy cattle, sheep, and poultry. At the School of Dairy Technology, the training of dairy factory operatives and research and investigation into problems arising in the manufacture of dairy products are carried out.

Work at the Rutherglen Research Station which serves as a research centre for the North-East, includes investigations into various aspects of cereal growing, pasture improvement, and fat lamb raising. It was here that the initial experiments were conducted (1911-1918) which resulted in the widespread practice of the top-dressing of pastures with superphosphates. Clover ley farming was developed also from this centre.

The Mallee Research Station was established in 1932. In addition to cereal and fat lamb investigations, an important feature of the work on this Station is the testing of various species of grasses, clovers, and other legumes with a view to developing types especially suitable for Mallee conditions. Special attention is being paid to the problem of sand drift control.

At Longerenong and Dookie experimental work relating to cereal production in these districts is undertaken.

The Horticultural Research Station at Tatura serves as a research centre for investigation of problems associated with fruit growing in the Goulburn Valley district while the Research Station at Scoresby is engaged in experimental work associated with fruit and vegetable production under southern Victorian conditions.

At the Plant Research Laboratory, Burnley, plant pathological and entomological research is undertaken. Also situated at Burnley is the School of Horticulture and Primary Agriculture which provides a two year course for the Certificate of Competency in Horticulture and part-time classes for Home Gardeners and persons engaged in the horticultural industry.

The work being undertaken on the departmental experimental plots on private farms and orchards embraces investigations into pasture improvement and the cultivation of various crops including cereals, flax, linseed, potatoes, tobacco, maize, soya beans, sunflowers, fruit, and vegetables.

**Agricultural Colleges.** The Dookie and Longerenong Agricultural Colleges, which are administered by the Agricultural Education Division of the Department, provide a three-year course for the Diploma of Agriculture. Accommodation is provided at Dookie for 130 and at Longerenong for 70 students. The fee for students in residence at the Agricultural Colleges is £59 5s. per

annum for maintenance. No charge is made for instruction. At Dookie a special annexe which was established for the training of discharged servicemen is now used for farmers' classes, women's classes, and other similar short term instruction.

A property at Glenormiston in the Western District is being developed as an Agricultural College where it is intended that specialized training in dairying will be provided.

**Advisory and Extension Services.** The Department is actively engaged in bringing the results of scientific research and investigation prominently before primary producers with a view to reducing the lag in time between the discovery of new facts and their being put into practice and in this regard, the advisory services of the Department play an important part. A number of officers is engaged full time on advisory duties; these include expert officers in a number of branches of animal and crop husbandry and also District Agricultural officers who are stationed in a number of country districts and undertake general agricultural advisory duties in those districts. In addition to these full time extension officers, approximately 150 officers including Veterinary Officers, Stock Inspectors, Dairy Supervisors, and Orchard Supervisors, undertake advisory work in conjunction with their inspection duties.

Methods adopted by the extension officers of the Department in bringing up to date technical information to primary producers include the holding of farmers' field days, agricultural competitions, lectures, and demonstrations. The Department also has a well equipped film production branch and operates two mobile film units in country districts.

**Melbourne University School of Agriculture.** The School of Agriculture at the University of Melbourne, for the maintenance of which a special grant is provided by the State, provides a four year degree course in Agricultural Science. The first year is devoted to pure science; during the second year students are in residence at the Dookie Agricultural College and receive practical farm training together with lectures on preparatory subjects. The remaining two years at the University are devoted to a more specialized study of agriculture and allied subjects on a scientific basis. A large number of graduates of this School is employed in the Victorian Department of Agriculture on research and advisory work. The School of Agriculture also carries out research on special agricultural projects.

**Commonwealth Scientific and Industrial Research Organization.** The Commonwealth Scientific and Industrial Research Organization was established on 19th May, 1949, when the *Science and Industry Research Act 1949* was proclaimed. Under that Act the Organization took the place of the existing Council for Scientific and Industrial Research, which in turn had in 1926 taken the place of the former Institute of Science and Industry.

The powers and functions of the Organization are similar to those of the Council and include the initiation and carrying out of research in connexion with, or for the promotion of, primary and secondary industries in the Commonwealth or any territory of the Commonwealth, or in connexion with any matter referred to the Organization by the Minister; the training of research workers; the making of grants in aid of pure scientific research; the testing and standardization of scientific apparatus and instruments, and the carrying out of scientific investigations connected with standardization; the collection and dissemination of information relating to scientific and technical matters; the publication of scientific and technical reports and periodicals; and acting as a means of liaison with other countries in matters of scientific research.

**Bureau of Agricultural Economics.** The Commonwealth Bureau of Agricultural Economics was established in August, 1945, in order to meet the need for a Commonwealth research and investigating authority in the fields of agricultural economics and rural policy.

The Bureau was developed from the rural division of the Ministry of Post-War Reconstruction in which Department it was first established. In 1946, it was transferred to the Department of Commerce and Agriculture, and is comprised of the following sections:—(1) General and Statistics; (2) Agricultural Commodities; (3) Land Use; and (4) Wool.

No administrative functions are vested in the Bureau. It is specifically a service institution charged with the duty of undertaking fact-finding researches, studying and interpreting the facts and making the results available to all concerned, including Commonwealth and State Departments, semi-governmental and private institutions and individuals.

Reference to the activities of the wool section of the Bureau appears on page 138 of this issue of the *Year-Book*.

## AGRICULTURE.

**Progress of cultivation.** In all divisions of the State there are areas suitable for cultivation. The area cultivated in 1952-53 was 6,580,661 acres, as compared with 6,297,477 acres in the previous season, and an annual average of 7,346,711 acres for the seasons 1946-50, 5,977,754 acres for the seasons 1941-45, 7,779,443 acres for the seasons 1936-40, 7,739,251 acres for the seasons 1926-35, 6,446,389 acres for the seasons 1916-25, 5,032,359 acres for the seasons 1906-15, and 3,547,111 acres for the seasons 1896-1905.

The following table shows the area under cultivation from period to period during the last 98 years :—

VICTORIA—ACREAGE CULTIVATED ANNUALLY, 1856 TO 1953.

Period or Year (ended March).	Annual average area in each decennium, 1856 to 1925, and actual area each year 1928-1953, under—		
	Crop.	Fallow.	Total Cultivation.
	Acres.	Acres.	Acres.
1856-65 .. .. .	325,676	12,146	337,822
1866-75 .. .. .	624,377	57,274	681,651
1876-85 .. .. .	1,306,920	137,536	1,444,456
1886-95 .. .. .	2,109,326	364,282	2,473,608
1896-1905 .. .. .	3,022,914	524,197	3,547,111
1906-15 .. .. .	3,756,211	1,276,148	5,032,359
1916-25 .. .. .	4,594,244	1,852,145	6,446,389
1928 .. .. .	4,942,258	2,692,044	7,634,302
1929 .. .. .	5,505,651	2,683,462	8,189,113
1930 .. .. .	5,579,258	2,482,662	8,061,920
1931 .. .. .	6,715,660	2,590,629	9,306,289
1932 .. .. .	5,407,109	2,145,819	7,552,928
1933 .. .. .	5,115,745	2,633,287	7,749,032
1934 .. .. .	5,266,913	2,543,043	7,809,956
1935 .. .. .	4,677,683	2,216,464	6,894,147
1936 .. .. .	4,438,761	2,358,777	6,797,538
1937 .. .. .	4,407,312	2,483,163	6,890,475
1938 .. .. .	4,662,354	2,604,556	7,266,910
1939 .. .. .	5,019,299	2,543,225	7,562,524
1940 .. .. .	5,002,362	2,377,405	7,379,767
1941 .. .. .	4,487,191	1,887,418	6,354,609
1942 .. .. .	4,731,712	2,101,360	6,833,072
1943 .. .. .	3,838,415	1,660,171	5,498,586
1944 .. .. .	3,478,889	1,719,363	5,198,252
1945 .. .. .	4,310,152	1,694,097	6,004,249
1946 .. .. .	5,327,122	2,394,032	7,721,154
1947 .. .. .	5,102,980	2,460,350	7,563,330
1948 .. .. .	5,023,149	2,527,306	7,550,455
1949 .. .. .	4,644,841	2,343,685	6,988,526
1950 .. .. .	4,480,202	2,429,888	6,910,090
1951 .. .. .	4,351,220	2,153,611	6,504,831
1952 .. .. .	4,270,512	2,026,965	6,297,477
1953 .. .. .	4,285,770	2,294,891	6,580,661



The following table is a classification of rural holdings in Victoria (including Crown lands held) in which sizes of holdings together with areas under wheat and numbers of stock carried are shown. More detailed information in respect of earlier years appears on pages 436 to 438 of the 1938-39 Year-Book.

VICTORIA—SIZE OF HOLDINGS SHOWING AREAS UNDER WHEAT AND STOCK DEPASTURED, MARCH, 1948.

Size of Holdings (Including Crown Lands Held).	Number of Holdings.	Area Occupied.	Wheat 1947-48.	Sheep.	Dairy Cattle.	Beef-cattle.	Pigs.
Acres.		Acres.	Acres.	No.	No.	No.	No.
1- 19..	9,031	88,300	76	6,111	21,814	1,751	8,622
20- 49..	8,087	254,641	1,476	26,918	53,392	4,395	12,206
50- 99..	7,692	555,551	7,194	94,277	165,765	11,651	29,249
100- 199..	11,521	1,635,705	40,153	413,987	417,074	39,190	70,121
200- 299..	6,356	1,543,814	55,901	641,809	243,915	43,030	40,857
300- 399..	5,251	1,783,528	120,947	932,934	168,517	45,301	30,149
400- 499..	3,233	1,444,597	131,476	849,165	92,899	39,975	18,223
500- 599..	2,635	1,435,835	151,991	832,256	59,185	37,653	11,400
600- 699..	3,252	2,084,106	319,137	1,070,259	52,912	38,042	10,886
700- 799..	1,895	1,416,178	177,530	835,474	33,602	34,932	6,714
800- 899..	1,487	1,252,002	168,006	773,377	21,217	22,491	4,596
900- 999..	1,447	1,376,205	210,929	781,922	17,980	18,290	3,384
1,000- 1,999..	5,995	8,251,645	1,169,743	4,441,713	71,489	123,118	15,789
2,000- 4,999..	2,345	6,711,384	576,066	3,478,018	28,789	105,102	5,559
5,000- 9,999..	445	2,980,900	80,330	1,538,023	6,688	44,553	797
10,000-19,999..	144	2,005,186	13,331	756,703	1,828	30,601	183
20,000-49,999..	70	2,155,521	1,678	352,568	2,749	39,719	88
50,000-99,999..	15	917,872	618	16,690	292	3,659	232
100,000 and over	9	1,451,632	580	34,458	117	6,070	24
Totals ..	70,910	39,344,602	3,227,162	17,876,662	1,460,224	689,523	267,079

The following table shows the annual average area, production, and yield per acre during each decennium, 1855 to 1945, and the actual area, production and yield per acre for the principal crops (excluding vegetables and fruit) during each of the four seasons, 1950-1953:—

**Principal Crops (Area, Production, and Average Yield).**

VICTORIA—ACREAGE, PRODUCTION, AND AVERAGE YIELD OF FIVE PRINCIPAL CROPS, 1855 TO 1954.

Period or Season.	Wheat.*	Oats.*	Barley.*	Potatoes.	Hay.
ANNUAL AREA.					
	Acres.	Acres.	Acres.	Acres.	Acres.
1855-65 ..	119,001	83,296	4,843	24,123	80,117
1865-75 ..	278,077	129,384	19,262	36,744	117,393
1875-85 ..	776,031	147,343	41,188	39,089	226,775
1885-95 ..	1,236,501	210,901	64,310	48,009	437,087
1895-1905 ..	1,898,280	340,957	52,829	45,243	540,472
1905-15 ..	2,190,336	390,642	60,378	56,272	848,587
1915-25 ..	2,633,945	428,372	84,205	61,195	1,122,978
1925-35 ..	3,268,656	445,987	88,358	65,677	1,057,905
1935-45 ..	2,448,954	493,634	141,836	48,060	982,276
1950-51 ..	2,735,473	527,217	217,096	52,482	557,454
1951-52 ..	2,463,574	676,503	186,224	42,108	640,418
1952-53 ..	2,232,097	756,129	234,597	52,851	752,932
1953-54 ..	2,389,304	583,075	374,555	52,745	807,223
ANNUAL PRODUCTION.					
	Bushels.	Bushels.	Bushels.	Tons.	Tons.
1855-65 ..	2,198,874	2,068,648	103,575	62,723	111,806
1865-75 ..	4,385,814	2,636,747	390,337	111,800	153,852
1875-85 ..	8,593,308	3,297,468	799,938	135,614	276,771
1885-95 ..	12,268,905	4,649,393	1,187,007	170,905	547,092
1895-1905 ..	14,032,145	6,649,453	947,580	134,357	672,982
1905-15 ..	22,906,743	7,342,468	1,243,442	158,445	1,084,726
1915-25 ..	39,171,358	7,965,864	1,923,654	169,864	1,511,298
1925-35 ..	38,661,077	5,696,134	1,772,099	167,965	1,242,808
1935-45 ..	31,723,840	5,144,194	2,126,636	165,756	1,145,099
1950-51 ..	51,235,929	9,034,005	4,510,079	139,391	894,585
1951-52 ..	45,994,752	11,151,260	3,619,576	178,399	1,046,764
1952-53 ..	50,334,634	12,599,050	4,734,175	133,148	1,245,217
1953-54 ..	53,697,611	9,851,708	7,932,103	213,714	1,360,662
AVERAGE ANNUAL YIELD PER ACRE.					
	Bushels.	Bushels.	Bushels.	Tons.	Tons.
1855-65 ..	18.48	24.83	21.39	2.60	1.40
1865-75 ..	15.77	20.38	20.27	3.04	1.31
1875-85 ..	11.07	22.38	19.42	3.47	1.22
1885-95 ..	9.92	22.05	18.46	3.56	1.21
1895-1905 ..	7.39	19.50	17.94	2.97	1.25
1905-15 ..	10.46	18.79	20.59	2.82	1.28
1915-25 ..	14.87	18.60	22.84	2.78	1.35
1925-35 ..	11.83	12.77	20.06	2.56	1.17
1935-45 ..	12.95	10.42	14.99	3.45	1.17
1950-51 ..	18.73	17.14	20.77	2.66	1.60
1951-52 ..	18.67	16.48	19.44	4.24	1.63
1952-53 ..	22.55	16.66	20.18	2.52	1.65
1953-54 ..	22.47	16.90	21.18	4.05	1.69

\* For grain.



The following table shows the number of growers of **Certain Crops**, certain primary products, in each statistical district of the State, for the season 1951-52.

The information has no relation to the number of rural holdings in the State, as numbers of occupiers engaged in the cultivation of more than one of the crops enumerated:—

VICTORIA—GROWERS OF CERTAIN CROPS—SEASON  
1951-52.

Crops Grown.	Growers in each Statistical District.								State Total.
	Central.	North-Central.	Western.	Wimmera.	Mallee.	Northern.	North-Eastern.	Gippsland.	
	No.	No.	No.	No.	No.	No.	No.	No.	No.
Grain Crops—									
Wheat ..	216	188	385	3,731	2,927	2,976	425	34	10,882
Oats ..	238	251	786	2,401	2,142	2,359	453	23	8,653
Barley ..	429	55	211	727	806	546	50	67	2,891
Maize ..	12	1	1	..	..	2	62	209	287
Hay—									
All kinds ..	4,607	1,631	5,885	2,958	934	4,283	2,634	4,616	27,548
Green Fodder—									
Maize ..	703	68	218	4	2	20	69	776	1,860
Lucerne ..	87	37	66	15	24	85	17	41	372
Millet ..	344	40	161	6	35	183	172	506	1,447
All other ..	191	99	266	14	9	53	54	121	807
Other—									
Potatoes ..	1,980	619	1,105	29	10	53	233	1,135	5,164
Onions..	379	..	383	14	2	47	6	22	853
Other Vegetables	1,907	39	204	120	305	788	55	173	3,591
Orchards ..	2,221	183	126	204	1,017	1,088	201	77	5,117
Vineyards ..	2	2	..	25	2,206	127	47	..	2,409
Grass and Clover Seed..	20	40	86	17	2	41	24	6	236
Tobacco ..	..	..	..	..	..	5	82	..	*87
Flax ..	2	3	67	..	..	..	23	6	101

\* Excluding Share-farmers.

Growers of  
Certain Crops,  
Season  
1952-53.

The following table shows the numbers of growers of certain primary products, in each statistical district of the State, for the season 1952-53.

The information has no relation to the number of rural holdings in the State, as numbers of occupiers engaged in the cultivation of more than one of the crops enumerated:—

VICTORIA—GROWERS OF CERTAIN CROPS—SEASON  
1952-53.

Crops Grown.	Growers in each Statistical District.								State Total.
	Central.	North-Central.	Western.	Wimmera.	Mallee.	Northern.	North-Eastern.	Gippsland.	
	No.	No.	No.	No.	No.	No.	No.	No.	No.
<b>Grain Crops—</b>									
Wheat ..	309	258	463	3,712	2,932	3,108	361	13	11,156
Oats ..	232	273	574	2,539	2,238	2,523	404	13	8,796
Barley ..	567	79	221	828	1,031	673	35	74	3,508
Maize ..	5	2	..	..	1	..	74	210	292
<b>Hay—</b>									
All kinds ..	5,003	1,988	5,823	3,021	971	5,072	2,821	4,883	29,582
<b>Green Fodder—</b>									
Maize ..	646	45	163	6	2	18	74	823	1,777
Lucerne ..	85	33	37	15	23	103	21	34	351
Millet ..	288	37	131	6	37	167	187	428	1,281
All other ..	178	120	184	12	8	37	61	160	760
<b>Other—</b>									
Potatoes ..	2,117	596	898	36	8	65	225	953	4,898
Onions ..	354	1	303	6	5	30	2	18	719
Other Vegetables	1,605	26	107	108	289	706	53	129	3,023
Orchards ..	2,110	175	112	202	1,037	1,070	196	77	4,979
Vineyards ..	2	2	..	24	2,238	133	42	..	2,441
Grass and Clover Seed ..	11	26	58	9	3	20	19	4	150
Tobacco ..	..	..	..	1	..	8	91	..	100*
Flax ..	2	2	52	..	..	..	33	1	90

\* Excluding Share-farmers.

**Area Cultivated 1951-52.** A summary of the area under cultivation in each County  
**VICTORIA—AREA UNDER CULTIVATION**

Districts and Counties.	Grain Crops.					Potatoes.	Onions.	Hay (Wheaten, Oaten, Lucerne Grass, &c.).
	Wheat.	Oats.	Barley.	Maize.	Peas.			
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
<b>Central District—</b>								
Bourke .. .. .	3,408	3,183	4,966	..	163	3,045	556	34,047
Grant .. .. .	7,622	4,305	15,065	..	1,171	6,218	660	35,804
Mornington .. .. .	..	50	8	62	222	6,059	329	36,173
Evelyn .. .. .	..	8	2	4	60	2,707	14	5,411
<b>North-Central District—</b>								
Anglesey .. .. .	162	501	20	4	62	584	..	4,895
Dalhousie .. .. .	167	681	11	..	4	1,936	..	6,744
Talbot .. .. .	10,349	7,608	1,250	..	255	4,926	..	26,637
<b>Western District—</b>								
Grenville .. .. .	2,278	3,147	1,883	..	674	566	1,256	21,813
Polwarth .. .. .	33	370	647	..	778	2,649	754	10,520
Heytesbury .. .. .	..	40	21	..	4	217	8	16,904
Hampden .. .. .	3,773	6,226	791	..	80	199	69	26,287
Ripon .. .. .	19,906	13,124	1,725	..	119	431	1	22,117
Villiers .. .. .	378	2,583	318	2	1,740	2,568	812	26,790
Normanby .. .. .	122	815	458	..	398	546	1	18,018
Dundas .. .. .	338	4,421	179	..	670	34	..	21,016
Follett .. .. .	57	211	..	..	10	198	..	3,221
<b>Wimmera District—</b>								
Lowan .. .. .	175,090	66,382	17,744	..	..	10	3	26,649
Borong .. .. .	523,465	56,557	29,584	..	..	117	12	26,804
Kara Kara .. .. .	139,850	43,336	4,758	..	..	35	..	10,478
<b>Mallee District—</b>								
Millewa .. .. .	42,662	14,369	102	..	1	..	..	2,458
Weeah .. .. .	133,309	40,488	22,919	..	..	..	..	3,365
Karkaroc .. .. .	629,861	142,609	49,895	..	19	22	1	10,723
Tatchera .. .. .	362,223	100,786	8,880	..	5	3	2	7,389
<b>Northern District—</b>								
Gunbower .. .. .	8,903	5,822	5,328	1	..	29	..	13,588
Gladstone .. .. .	86,937	41,719	2,984	..	..	..	2	9,185
Bendigo .. .. .	60,623	21,879	3,118	..	..	9	..	16,240
Rodney .. .. .	26,458	17,930	9,105	..	..	4	14	30,877
Moira .. .. .	194,118	61,446	920	1	50	92	51	31,948
<b>North-Eastern District—</b>								
Delatite .. .. .	3,303	4,370	171	371	100	808	1	26,045
Bogong .. .. .	26,469	10,516	525	283	13	456	4	21,460
Benambra .. .. .	41	433	112	21	40	26	..	5,649
Wonnangatta .. .. .	..	6	..	32	1	4	..	612
<b>Gippsland District—</b>								
Craiggolong .. .. .	..	..	..	610	21	27	..	1,404
Tambo .. .. .	..	20	32	845	42	50	2	1,380
Dargo .. .. .	13	10	86	583	73	131	1	2,058
Tanjil .. .. .	1,598	428	2,487	1,289	79	668	..	23,219
Buln Buln .. .. .	58	124	130	7	163	6,734	192	52,490
<b>Total for State ..</b>	<b>2,463,574</b>	<b>676,503</b>	<b>186,224</b>	<b>4,115</b>	<b>7,017</b>	<b>42,108</b>	<b>4,745</b>	<b>640,418</b>

of the State for the season 1951-52 is given in the following table :—  
**FOR THE SEASON 1951-52.**

Flax.	Green Fodder.	Grass and Clover for Seed.	Tobacco.	Vines.	Area Sown to Vegetables (other than Potatoes and Onions).	Orchards.	All Other Crops.	Total Area under Crops.	Land in Fallow.	Total Area under Cultivation.
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
..	2,176	105	..	..	12,393	9,047	1,153	74,242	19,111	93,353
..	1,227	286	..	..	2,027	1,365	269	76,019	19,594	95,613
35	5,541	172	..	3	7,463	10,658	1,058	67,833	6,181	74,014
..	833	..	..	1	2,887	6,387	600	18,914	2,177	21,091
..	586	5	..	..	73	6	13	6,911	1,328	8,239
..	1,100	278	..	40	13	7	14	10,995	1,022	12,017
38	2,418	1,206	..	5	37	2,974	375	58,168	11,649	69,817
..	..	..	..	..	..	..	..	..	..	..
17	253	664	..	..	70	187	271	33,079	6,059	39,138
..	1,777	2,426	..	..	610	110	168	20,842	1,179	22,021
45	2,272	..	..	..	13	35	199	19,758	5,126	24,884
903	813	282	..	..	34	5	574	40,036	5,501	45,537
468	198	335	..	..	25	4	166	58,619	8,875	67,494
230	972	162	..	..	58	..	805	37,418	3,510	40,928
96	1,476	40	..	..	97	577	1,570	24,214	3,696	27,910
116	285	713	..	..	..	29	1,537	29,338	3,343	32,681
111	561	..	..	..	10	34	610	5,023	374	5,397
..	..	..	..	..	..	..	..	..	..	..
..	397	1,434	..	10	33	655	317	288,724	158,017	446,741
..	193	25	..	598	434	2,553	332	640,674	442,207	1,082,881
..	38	..	..	42	3	143	120	198,803	113,615	312,418
..	..	..	..	..	..	..	..	..	..	..
..	17	..	..	392	95	102	787	60,984	21,200	82,184
..	22	235	..	..	..	..	9,303	209,642	112,414	322,056
..	47	..	..	..	1,159	2,831	6,891	876,477	523,573	1,400,050
..	1,097	..	..	7,361	1,875	1,685	815	492,121	278,223	770,344
..	..	..	..	..	..	..	..	..	..	..
..	2,056	342	40	17	155	1,099	1,769	39,149	13,769	52,918
..	287	..	..	..	38	196	..	141,346	69,627	210,973
..	582	197	..	25	1,224	1,680	73	105,652	42,167	147,819
..	1,013	106	..	196	1,708	10,954	98	98,463	28,298	126,761
..	926	829	10	669	3,270	13,169	324	307,823	98,481	406,304
..	..	..	..	..	..	..	..	..	..	..
344	2,059	901	777	83	90	487	533	40,443	2,439	42,882
341	1,122	202	673	3,406	261	1,261	419	67,411	5,839	73,250
..	606	..	..	..	2	18	30	6,978	44	7,022
..	20	8	..	..	5	1	7	696	65	761
..	..	..	..	..	..	..	..	..	..	..
..	359	..	..	..	161	12	388	2,982	194	3,176
..	825	31	..	..	627	27	383	4,264	544	4,808
..	811	..	..	..	661	76	212	4,715	517	5,232
..	2,039	..	..	..	200	119	156	32,282	4,775	37,057
77	8,657	9	..	..	319	222	292	69,474	12,232	81,706
2,821	45,661	11,083	1,500	45,267	38,130	68,715	32,631	4,270,512	2,026,965	6,297,477

Yields of  
Principal Crops.

The table which follows shows the yields, in Counties,  
VICTORIA—YIELDS OF PRINCIPAL

Districts and Counties.	Grain Crops.					Potatoes.
	Wheat.	Oats.	Barley.	Maize.	Peas.	
	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	
Central District—						
Bourke .. .. .	57,837	68,563	94,182	..	3,230	11,841
Grant .. .. .	122,591	91,349	405,186	..	24,273	21,690
Mornington .. .. .	..	1,517	118	1,955	6,873	32,792
Evelyn .. .. .	..	221	30	18	1,169	13,678
North-Central District—						
Anglesey .. .. .	3,772	9,167	613	60	1,603	2,337
Dalhousie .. .. .	2,900	11,853	95	..	62	6,656
Talbot .. .. .	175,467	158,474	34,942	..	4,455	20,333
Western District—						
Grenville .. .. .	38,433	77,357	66,183	..	18,119	2,054
Poivarth .. .. .	433	8,143	23,004	..	19,084	13,954
Heytesbury .. .. .	..	790	419	..	155	846
Hampden .. .. .	73,793	148,154	19,825	..	1,426	842
Ripon .. .. .	407,159	378,334	40,699	..	2,991	1,417
Villiers .. .. .	7,833	52,443	9,361	50	40,223	11,500
Normanby .. .. .	2,391	17,146	14,557	..	7,452	2,489
Dundas .. .. .	3,321	65,832	4,605	..	11,098	127
Follett .. .. .	727	5,587	..	..	295	839
Wimmera District—						
Lowan .. .. .	3,834,735	1,284,246	359,600	..	..	F
Borong .. .. .	13,181,539	1,092,027	586,247	..	..	381
Kara Kara .. .. .	3,229,026	884,863	106,647	..	..	129
Mallee District—						
Millewa .. .. .	570,052	142,936	1,314	..	..	..
Weeah .. .. .	1,645,775	423,036	359,915	..	F	..
Karkaroc .. .. .	9,075,901	1,551,519	784,504	..	701	33
Tatchera .. .. .	6,633,418	1,469,637	170,932	..	56	7
Northern District—						
Gunbower .. .. .	128,396	105,162	112,809	4	..	62
Gladstone .. .. .	1,490,960	741,971	62,912	..	..	..
Bendigo .. .. .	851,115	331,652	58,103	..	..	30
Rodney .. .. .	401,817	328,921	191,889	..	..	10
Moira .. .. .	3,471,977	1,313,757	14,499	F	899	276
North-Eastern District—						
Delatite .. .. .	65,769	102,033	5,487	8,139	1,271	1,659
Bogong .. .. .	490,657	268,524	10,208	12,476	319	1,124
Benambra .. .. .	724	8,605	1,710	210	1,612	53
Wonnangatta .. .. .	..	107	..	900	19	11
Gippsland District—						
Croajingolong .. .. .	..	284	..	24,220	403	75
Tambo .. .. .	..	158	143	37,127	4,055	179
Dargo .. .. .	121	158	1,778	29,019	3,766	575
Tanjil .. .. .	25,822	6,007	75,452	53,714	3,317	2,878
Buln Buln .. .. .	291	885	1,808	50	5,487	27,522
Total for State .. .. .	45,994,752	11,151,260	3,619,576	167,942	164,413	178,399

NOTE.—The letter "F" signifies that the crop was a failure.

of the principal crops for the season 1951-52 :—

CROPS FOR THE SEASON 1951-52.

Onions.	Hay (Wheat, Oaten, Lucerne, Grass, &c.).	Grass and Clover for Seed.	Tobacco.	Wine Made.	Dried Vine-Fruits.			
					Raisins.	Sultanas.	Currants.	
Tons.	Tons.	Cwt.	Cwt.	Gallons.	Tons.	Tons.	Tons.	
3,675	52,769	187	..	3,472,352	..	..	..	
2,161	56,997	440	..		..	..	..	
1,697	65,113	132	..		..	..	..	
39	9,005	..	..		..	..	..	
..	8,465	3	..		..	..	..	
..	10,404	316	..		..	..	..	
..	43,350	1,855	..		..	..	..	
9,491	34,562	1,100	..		..	..	..	
5,814	18,999	3,905	..		..	..	..	
31	30,140	..	..		..	..	..	
521	48,721	369	..		..	..	..	
6	40,944	256	..		..	..	..	
6,192	47,618	287	..		..	..	..	
6	32,586	54	..		..	..	..	
..	33,688	1,959	..		..	..	..	
..	6,258	..	..		..	..	..	
9	37,858	2,197	..		..	..	..	
60	38,301	28	..		..	..	1	
..	15,002	..	..		..	..	..	
..	1,696	..	..		..	54	308	32
..	3,206	279	..		..	..	..	..
3	9,609	..	..		..	4,803	34,164	3,444
6	9,405	..	..		..	394	5,106	381
..	19,184	355	257		..	..	..	..
..	10,965	..	..		..	..	..	..
7	18,375	483	..		..	..	..	..
35	44,925	132	..		..	3	..	..
169	48,139	907	105		..	2	..	..
4	49,654	712	6,322		..	..	..	..
19	39,794	210	5,645		..	..	..	..
..	11,520	..	..	..	..	..	..	
..	1,049	18	..	..	..	..	..	
..	2,521	..	..	..	..	..	..	
8	2,234	56	..	..	..	..	..	
3	3,792	..	..	..	..	..	..	
..	44,534	..	..	..	..	..	..	
1,194	95,382	13	..	..	..	..	..	
31,150	1,046,764	16,253	12,329	3,472,352	5,256	39,578	3,858	

A summary of the area under cultivation in each County  
**VICTORIA—AREA UNDER CULTIVATION**

Area Cultivated  
 1952-53.

Districts and Counties.	Grain Crops.					Potatoes.	Onions.	Hay (Wheaten, Oaten, Lucerne, Grass, &c.).
	Wheat.	Oats.	Barley.	Maize.	Peas.			
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
<b>Central District—</b>								
Bourke .. .. .	4,962	3,517	5,137	..	144	4,063	379	39,441
Grant .. .. .	6,506	6,523	20,104	..	1,975	8,294	588	47,825
Mornington .. .. .	11	5	2	45	150	7,895	273	37,867
Evelyn .. .. .	..	21	105	2	30	3,678	5	7,387
<b>North-Central District—</b>								
Anglesey .. .. .	318	522	74	2	172	798	15	5,953
Dalhousie .. .. .	501	886	32	..	4	2,549	..	10,137
Talbot .. .. .	10,674	6,804	1,912	..	274	6,686	..	39,785
<b>Western District—</b>								
Grenville .. .. .	2,662	3,148	1,901	..	716	593	1,141	27,272
Polwarth .. .. .	12	184	673	..	495	3,298	593	10,725
Heytesbury .. .. .	..	1	4	..	..	163	1	15,857
Hampden .. .. .	3,604	4,471	970	..	4	147	60	27,579
Ripon .. .. .	21,061	13,433	1,387	..	58	405	..	29,153
Villiers .. .. .	780	1,606	183	..	995	2,752	594	25,180
Normanby .. .. .	446	327	602	..	259	714	..	18,155
Dundas .. .. .	762	2,919	158	..	281	17	..	18,304
Follett .. .. .	433	215	60	..	..	169	..	2,693
<b>Wimmera District—</b>								
Lowan .. .. .	156,067	71,210	20,357	..	30	20	1	25,772
Borong .. .. .	469,718	68,970	31,337	..	30	143	10	31,184
Kara Kara .. .. .	119,716	51,863	5,662	..	..	36	..	13,377
<b>Mallee District—</b>								
Millewa .. .. .	48,090	12,694	382	..	..	3	..	931
Weeah .. .. .	113,827	41,067	29,203	..	..	..	..	3,781
Ka-karooc .. .. .	594,775	159,792	66,986	..	..	15	4	11,845
Tatchera .. .. .	341,494	123,715	15,046	1	1	5	7	9,668
<b>Northern District—</b>								
Gunbower .. .. .	10,633	6,889	8,335	..	4	37	..	17,137
Gladstone .. .. .	82,966	53,640	3,064	..	..	1	..	14,207
Bendigo .. .. .	54,458	28,935	5,405	..	..	5	3	22,656
Rodney .. .. .	33,731	20,768	11,634	..	2	33	5	44,222
Moira .. .. .	135,192	59,116	589	..	13	113	27	41,984
<b>North-Eastern District—</b>								
Delatite .. .. .	2,595	4,238	142	582	56	882	1	29,601
Bogong .. .. .	15,664	8,236	192	338	33	388	1	24,531
Benambra .. .. .	108	236	91	24	4	7	..	6,187
Wonnangatta .. .. .	21	..	..	21	..	1	..	701
<b>Gippsland District—</b>								
Croajingolong .. .. .	..	..	15	721	30	35	..	1,239
Tambo .. .. .	..	46	24	1,143	72	36	..	1,903
Dargo .. .. .	10	..	13	882	22	147	..	2,478
Tanjil .. .. .	286	108	2,603	1,412	71	765	4	26,312
Buln Buln .. .. .	14	24	213	2	115	7,958	154	59,903
<b>Total for State ..</b>	<b>2,232,097</b>	<b>756,129</b>	<b>234,597</b>	<b>5,175</b>	<b>6,040</b>	<b>52,851</b>	<b>3,866</b>	<b>752,932</b>

of the State for the season 1952-53 is given in the following table:—  
FOR THE SEASON 1952-53.

Flax.	Green Fodder.	Grass and Clover for Seed.	Tobacco.	Vines.	Area Sown to Vegetables (other than Potatoes and Onions).	Orchards.	All Other Crops.	Total Area under Crops.	Land in Fallow.	Total Area under Cultivation.
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
43	1,995	88	..	..	12,188	8,231	1,207	81,395	21,897	103,292
..	1,320	140	..	..	1,812	1,017	190	96,294	21,556	117,850
..	4,379	96	..	..	5,645	10,152	877	67,397	8,908	76,305
..	723	..	..	2	2,650	5,736	540	20,879	3,301	24,180
..	531	27	..	..	36	9	18	8,475	1,836	10,311
25	1,092	143	..	40	12	4	3	15,428	1,383	16,811
2	2,137	717	..	3	37	2,759	279	72,069	16,447	88,516
..	..	1,008	..	..	62	131	139	39,150	5,602	44,752
29	348	1,494	..	..	630	77	40	19,505	1,463	20,968
28	1,256	..	..	..	..	..	..	..	..	..
25	797	..	..	..	5	28	205	17,086	5,786	22,872
525	430	613	..	..	30	4	195	38,632	10,786	49,418
542	162	464	..	..	19	4	216	66,904	7,149	74,053
8	539	81	..	..	14	..	265	32,997	5,164	38,161
301	1,338	33	..	..	28	552	654	23,409	5,220	28,629
197	816	612	..	..	..	23	422	24,511	9,257	33,768
112	319	..	..	..	..	33	78	4,112	1,230	5,342
..	249	629	..	8	24	945	386	275,698	161,670	437,368
..	304	..	3	653	423	3,235	350	606,360	452,456	1,058,816
..	103	20	..	40	..	155	65	191,037	131,136	322,173
..	35	..	..	422	119	139	758	63,573	27,320	90,893
..	17	230	..	..	..	..	15,719	203,844	120,292	324,136
..	476	..	..	33,282	1,357	3,227	12,722	884,481	534,567	1,419,048
..	815	..	..	7,302	1,846	1,591	1,594	503,085	307,236	810,321
..	1,906	55	57	14	244	971	1,071	47,853	17,974	65,327
..	553	..	..	..	29	152	14	154,626	94,576	249,202
..	383	115	..	20	1,095	1,531	67	114,673	77,720	192,393
..	1,962	8	..	196	2,283	10,746	75	125,665	39,883	165,548
..	1,224	479	19	646	3,773	13,583	92	256,850	164,697	421,547
433	2,197	509	757	111	74	568	531	43,367	3,725	47,092
459	1,015	227	777	3,229	254	1,250	182	56,776	9,707	66,483
..	460	..	..	..	2	8	76	7,203	514	7,717
..	31	60	..	..	..	1	..	836	47	883
..	300	..	..	..	118	14	181	2,653	162	2,815
..	757	1	..	..	511	15	206	4,714	1,619	6,333
..	617	..	..	..	542	59	143	4,913	1,804	6,717
..	2,073	..	..	..	53	68	118	33,873	5,457	39,330
111	6,044	3	..	..	228	216	362	75,947	15,344	91,291
2,840	40,303	7,942	1,613	45,968	36,143	67,234	40,040	4,285,770	2,294,891	6,580,661



Yields of  
Principal Crops.

The table which follows shows the yields, in Counties,  
VICTORIA—YIELDS OF PRINCIPAL

Districts and Counties.	Grain Crops.					Potatoes.
	Wheat.	Oats.	Barley.	Maize.	Peas.	
	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Tons.
Central District—						
Bourke .. .. .	73,499	63,604	89,828	..	4,718	13,852
Grant .. .. .	132,848	141,859	629,117	..	55,626	20,037
Mornington .. .. .	194	F	22	700	9,644	20,667
Evelyn .. .. .	..	414	1,336	65	1,625	11,848
North-Central District—						
Anglesey .. .. .	7,149	15,544	1,468	104	5,056	2,111
Dalhousie .. .. .	12,629	22,739	362	..	112	5,416
Talbot .. .. .	224,307	170,277	63,606	..	9,247	16,567
Western District—						
Grenville .. .. .	27,041	35,522	37,161	..	17,977	1,136
Polwarth .. .. .	158	1,226	11,519	..	9,359	8,979
Heytesbury .. .. .	..	6	38	..	31	211
Hampden .. .. .	36,258	51,916	15,307	..	..	231
Ripon .. .. .	381,312	270,436	39,286	..	1,317	789
Villiers .. .. .	14,080	7,881	4,660	..	34,550	3,817
Normanby .. .. .	6,940	4,291	17,926	..	5,332	1,614
Dundas .. .. .	6,848	22,272	2,668	..	4,634	28
Follett .. .. .	220	2,054	87	..	..	346
Wimmera District—						
Lowan .. .. .	3,910,809	1,280,735	398,340	..	115	8
Borong .. .. .	13,791,741	1,245,343	633,384	..	1,457	206
Kara Kara .. .. .	3,487,917	1,058,670	122,926	..	..	74
Mallee District—						
Millewa .. .. .	526,697	132,850	6,178	..	..	10
Weeah .. .. .	1,827,557	510,934	501,469	..	..	..
Karkaroc .. .. .	11,364,769	2,118,356	1,144,115	..	..	47
Tatchera .. .. .	7,534,188	1,911,004	261,427	30	3	19
Northern District—						
Gunbower .. .. .	202,953	136,736	180,052	..	465	121
Gladstone .. .. .	1,874,715	1,119,632	66,811	..	..	F
Bendigo .. .. .	1,119,044	602,103	123,120	..	..	42
Rodney .. .. .	794,906	443,715	293,529	..	93	101
Moira .. .. .	2,663,840	1,004,071	11,071	..	1,435	317
North-Eastern District—						
Delatite .. .. .	49,236	71,805	3,264	16,270	1,349	1,288
Bogong .. .. .	252,978	148,807	3,449	9,121	3,342	812
Benambra .. .. .	1,794	2,677	2,699	1,110	9	13
Wonnangatta .. .. .	372	..	..	400	..	1
Gippsland District—						
Croajingolong .. .. .	..	..	238	33,144	211	93
Tambo .. .. .	..	752	247	45,044	4,278	116
Dargo .. .. .	143	..	247	28,914	2,712	390
Tanjil .. .. .	7,218	569	65,040	68,515	1,705	1,839
Bulu Bulu .. .. .	74	250	2,178	10	12,307	20,002
Total for State .. .. .	50,334,634	12,599,050	4,734,175	203,427	188,709	133,148

NOTE.—The letter "F" signifies that the crop was a failure.

of the principal crops for the season 1952-53 :—

CROPS FOR THE SEASON 1952-53.

Onions.	Hay (Wheaten, Oaten, Lucerne, Grass, &c.).	Grass and Clover for Seed.	Tobacco.	Wine Made.	Dried Vine-Fruits.		
					Raisins.	Sultanas.	Currants.
Tons.	Tons.	Cwt.	Cwt.	Gallons.	Tons.	Tons.	Tons.
2,412	66,624	212	..	2,266,446	..	..	..
2,657	80,936	255	..		..	..	..
1,309	65,382	62	..		..	..	..
21	12,277	..	..		..	..	..
64	10,958	18	..		..	..	..
..	18,240	216	..		..	..	..
..	74,354	909	..		..	..	..
7,314	45,170	1,117	..		..	..	..
4,528	17,487	2,226	..		..	..	..
3	26,813	..	..		..	..	..
315	48,478	1,239	..		..	..	..
..	52,422	475	..		..	..	..
3,774	40,212	206	..		..	..	..
..	27,875	31	..		..	..	..
..	26,676	680	..		..	..	..
..	4,617	..	..	..	..	..	
2	35,266	980	..	..	..	..	
47	45,059	..	4	..	..	..	
..	19,706	1	..	..	..	..	
..	826	..	..	..	75	349	47
..	3,501	268	..	..	..	..	..
2	11,110	..	..	..	6,168	41,289	6,196
28	13,428	..	..	..	794	6,408	345
..	24,954	70	549	..	..	..	..
..	20,134	..	..	..	..	..	..
10	32,699	160	..	..	..	..	..
19	69,641	6	..	..	13	..	..
77	67,662	740	126	..	2	..	1
2	57,419	600	6,482	..	..	..	..
6	44,148	319	5,981	..	..	..	..
..	12,100	..	..	..	..	..	..
..	1,350	71	..	..	..	..	..
..	1,891	..	..	..	..	..	..
..	3,224	4	..	..	..	..	..
..	4,785	..	..	..	..	..	..
4	47,392	..	..	..	..	..	..
1,096	110,401	5	..	..	..	..	..
23,690	1,245,217	10,870	13,142	2,266,446	7,052	48,046	6,589

The following tables show the area under, the yield from, and the gross value of each of the principal crops in Victoria for the seasons 1951-52 and 1952-53 :—

VICTORIA—AREA, YIELD, AND GROSS VALUE OF CROPS, 1951-52.

Crop.	Area.	Yield.	Gross Value.(a)
Cereals for Grain—	Acres.		£
Barley—			
2 row .. .. .	160,702	3,146,415 bushels .. .. .	2,428,929
6 row .. .. .	25,522	473,161 bushels .. .. .	324,562
Maize .. .. .	4,115	167,942 bushels .. .. .	172,601
Oats .. .. .	676,503	11,151,260 bushels .. .. .	5,791,686
Rye .. .. .	18,556	123,324 bushels .. .. .	141,823
Wheat .. .. .	2,463,574	45,994,752 bushels .. .. .	34,090,025
Hay—			
Barley and Rye .. .. .	1,670	2,078 tons .. .. .	21,653
Lucerne .. .. .	40,851	76,057 tons .. .. .	984,852
Meadow .. .. .	348,506	605,110 tons .. .. .	6,486,204
Oaten .. .. .	214,427	311,759 tons .. .. .	3,376,976
Wheat .. .. .	34,964	51,760 tons .. .. .	537,330
Green Fodder .. .. .	45,661	.. .. .	194,028
Straw .. .. .	..	30,000 tons .. .. .	287,850
Grass and Clover Seed .. .. .	11,083	16,253 cwt. .. .. .	195,331
Industrial Crops—			
Broom Millet .. .. .	250	1,216 cwt., fibre .. .. .	11,076
Canary Seed .. .. .	195	965 cwt., seed .. .. .	1,247
Flax .. .. .	2,821	260 cwt. .. .. .	1,047
Linseed .. .. .	4,431	4,065 tons of straw .. .. .	61,141
Hops .. .. .	347	28,200 bushels .. .. .	63,662
Mustard .. .. .	265	2,590 cwt. .. .. .	88,233
Tobacco .. .. .	1,500	975 cwt. .. .. .	5,506
.. .. .	..	12,329 cwt. .. .. .	463,159
Vegetables—			
Onions .. .. .	4,745	31,150 tons .. .. .	946,181
Potatoes .. .. .	42,103	178,399 tons .. .. .	5,512,002
Other .. .. .	38,130	215,548 tons .. .. .	10,822,041
Stock Fodder—			
Grey and Other Field Peas .. .. .	7,017	164,413 bushels .. .. .	238,428
Pumpkins .. .. .	326	1,621 tons .. .. .	17,831
Turnips, Beet, &c. .. .. .	2,789	14,695 tons .. .. .	220,425
Vineyards—			
Grapes—			
Table .. .. .	1,319	4,697 tons .. .. .	197,274
Wine .. .. .	6,860	17,252 tons .. .. .	404,158
Drying .. .. .	34,633	Wine made 3,472,352 gallons 197,601 tons producing—	
.. .. .	..	39,578 tons of sultanas .. .. .	4,774,261
.. .. .	..	5,256 tons of raisins .. .. .	675,418
.. .. .	..	3,858 tons of currants .. .. .	424,332
Vines, unproductive .. .. .	2,455	.. .. .	..
Orchards—			
Productive .. .. .	55,376	.. .. .	8,041,625
Unproductive .. .. .	13,339	.. .. .	..
All Other Crops .. .. .	5,472	.. .. .	625,585
Total Crops .. .. .	4,270,512	.. .. .	88,629,082

(a) The gross value is based on the wholesale price realized in the principal markets. The places where primary products are absorbed locally or where they become raw materials for a secondary industry are presumed to be the principal markets.

VICTORIA—AREA, YIELD, AND GROSS VALUE OF CROPS,  
1952-53.

Crop.	Area.	Yield.	Gross Value.(a)
	Acres.		£
<b>Cereals for Grain—</b>			
Barley—			
2 row .. .. .	205,960	4,202,643 bushels .. .. .	3,233,406
6 row .. .. .	28,637	531,532 bushels .. .. .	324,747
Maize .. .. .	5,175	203,427 bushels .. .. .	169,687
Oats .. .. .	756,129	12,599,050 bushels .. .. .	3,931,954
Rye .. .. .	31,690	257,409 bushels .. .. .	183,404
Wheat .. .. .	2,232,097	50,334,634 bushels .. .. .	39,269,902
<b>Hay—</b>			
Barley and Rye .. .. .	1,137	1,486 tons .. .. .	13,704
Lucerne .. .. .	44,907	91,354 tons .. .. .	1,111,663
Meadow .. .. .	454,888	786,418 tons .. .. .	7,806,465
Oaten .. .. .	219,448	315,193 tons .. .. .	3,212,361
Wheaten .. .. .	32,552	50,766 tons .. .. .	489,908
<b>Green Fodder .. .. .</b>	40,303		198,458
<b>Straw .. .. .</b>		30,000 tons .. .. .	287,850
<b>Grass and Clover Seed .. .. .</b>	7,942	10,870 cwt. .. .. .	138,120
<b>Industrial Crops—</b>			
Broom Millet .. .. .	285	1,441 cwt., fibre .. .. .	10,347
Flax .. .. .	2,840	796 cwt., seed .. .. .	758
Linseed .. .. .	1,063	4,379 tons of straw .. .. .	70,301
Hops .. .. .	367	7,036 bushels .. .. .	11,082
Mustard .. .. .	160	5,202 cwt. .. .. .	191,736
Tobacco .. .. .	1,613	529 cwt. .. .. .	3,532
		13,142 cwt. .. .. .	613,293
<b>Vegetables—</b>			
Onions .. .. .	3,866	23,690 tons .. .. .	598,173
Potatoes .. .. .	52,851	133,148 tons .. .. .	4,641,187
Other .. .. .	36,143	197,980 tons .. .. .	9,713,718
<b>Stock Fodder—</b>			
Grey and Other Field Peas .. .. .	6,040	188,709 bushels .. .. .	183,048
Pumpkins .. .. .	321	1,711 tons .. .. .	20,052
Turnips, Beet, &c. .. .. .	1,538	8,883 tons .. .. .	146,570
<b>Vineyards—</b>			
Grapes—			
Table .. .. .	1,569	5,835 tons .. .. .	326,760
Wine .. .. .	5,435	11,403 tons .. .. .	244,544
Drying .. .. .	35,706	Wine made 2,266,446 gallons 238,735 tons producing—	
		48,046 tons of sultanas .. .. .	5,648,808
		7,052 tons of raisins .. .. .	812,714
		6,589 tons of currants .. .. .	707,219
Vines, unproductive .. .. .	3,258		
<b>Orchards—</b>			
Productive .. .. .	52,729		8,482,854
Unproductive .. .. .	14,505		
<b>All Other Crops .. .. .</b>	4,616		551,296
<b>Total Crops .. .. .</b>	4,285,770		93,349,731

(a) The gross value is based on the wholesale price realized in the principal markets. The places where primary products are absorbed locally or where they become raw materials for a secondary industry are presumed to be the principal markets.

## THE GRAIN ELEVATOR SYSTEM FOR THE BULK HANDLING OF WHEAT IN VICTORIA.

The *Grain Elevator Act* 1934 provided for the handling of grain in bulk, for wheat within defined areas to be delivered to elevators, and for the constitution of the Grain Elevators Board. It also empowered the Board to borrow money to the extent that the money owing at any one time shall not exceed £2,000,000 (increased to £2,500,000 by legislation passed in 1940).

Except for the Williamstown Terminal, the construction of elevators has been completed. The scheme comprises 138 country elevators, with a total storage capacity of 14,951,000 bushels serving terminals at Geelong and Williamstown. These terminals, which have storage capacities of 4,050,000 bushels and 2,600,000 bushels respectively, are designed to receive wheat from railway trucks at the rate of 20,000 bushels per hour and to load into ships at 64,000 bushels per hour.

In addition to the elevators within the scheme nine mill silos were leased by the Board as from 1942-43 and these provided a further storage capacity of 1,688,000 bushels. The total country storage capacity was, therefore, increased to 16,639,000 bushels.

The Geelong section, which embraces the western portion of the State bounded on the east by the Melbourne-Mildura railway line, came into operation at the beginning of the 1939-40 season.

Receipts for the seasons 1951-52 and 1952-53 amounted to 41,849,046 and 46,349,479 bushels respectively.

**Wheat growing in counties.** The principal wheat-growing areas are in the Wimmera, Mallee, and Northern districts. In the season 1953-54 these districts were responsible for 95 per cent. of the total wheat production of the State. Although other districts provided only small proportions of the total area, they are not to be regarded as unsuitable for wheat growing, as their average yield per acre is usually greater than in the areas mentioned. The yield in 1953-54 was 53,697,611 bushels, or an average yield per acre of 22·47 bushels in comparison with an average of 22·55 bushels in 1952-53 and an average of 18·67 bushels in 1951-52. The area sown and the production of wheat for grain in different counties for each of the three seasons, 1952-1954, are shown in the following table :—

### VICTORIA—WHEAT AREAS AND YIELDS IN COUNTIES FOR THE THREE SEASONS, 1952-1954.

Districts and Counties.	Year ended March.								
	Area.			Produce.			Average per Acre.		
	1952.	1953.	1954.	1952.	1953.	1954.	1952.	1953.	1954.
	Acres.	Acres.	Acres.	Bushels.	Bushels.	Bushels.	Bus.	Bus.	Bus.
<b>Central—</b>									
Bourke ..	3,408	4,962	5,282	57,837	73,499	152,680	16·97	14·81	28·91
Grant ..	7,622	6,506	10,596	122,591	132,848	281,489	16·08	20·42	26·57
Mornington ..	..	11	7	..	194	121	..	17·64	17·29
Evelyn ..	..	..	2	..	..	29	..	..	14·50
<b>Total ..</b>	<b>11,030</b>	<b>11,479</b>	<b>15,887</b>	<b>180,428</b>	<b>206,541</b>	<b>434,319</b>	<b>16·36</b>	<b>17·99</b>	<b>27·34</b>
<b>North-Central—</b>									
Anglesey ..	162	318	208	3,772	7,149	3,458	23·28	22·48	16·63
Dalhousie ..	167	501	850	2,900	12,629	19,154	17·36	25·21	22·53
Talbot ..	10,349	10,674	14,729	175,467	224,507	425,452	16·95	21·03	28·89
<b>Total ..</b>	<b>10,678</b>	<b>11,493</b>	<b>15,787</b>	<b>182,139</b>	<b>244,285</b>	<b>448,064</b>	<b>17·06</b>	<b>21·26</b>	<b>28·38</b>
<b>Western—</b>									
Grenville ..	2,278	2,662	6,744	38,433	27,041	184,605	16·87	10·16	27·37
Polwarth ..	33	12	202	433	158	6,286	13·12	13·17	31·12
Heytesbury ..	..	..	..	..	..	..	..	..	..
Hampden ..	3,773	3,604	6,151	73,793	36,258	111,557	19·56	10·06	18·14
Ripon ..	19,906	21,061	27,465	407,159	381,312	781,372	20·45	18·11	28·45
Villiers ..	378	780	919	7,833	14,080	17,830	20·72	18·05	19·40
Normanby ..	122	446	372	2,391	6,940	6,770	19·60	15·56	18·20
Dundas ..	338	762	754	3,321	6,848	10,656	9·82	8·99	14·13
Follett ..	57	433	57	727	220	971	12·75	0·51	17·03
<b>Total ..</b>	<b>26,885</b>	<b>29,760</b>	<b>42,664</b>	<b>534,090</b>	<b>472,857</b>	<b>1,120,047</b>	<b>19·87</b>	<b>15·89</b>	<b>26·25</b>
<b>Wimmera—</b>									
Lowan ..	175,090	156,067	146,544	3,834,735	3,910,809	3,702,088	21·90	25·06	25·26
Borong ..	523,465	469,718	456,484	13,181,539	13,791,741	13,123,025	25·18	29·36	28·75
Kara Kara ..	139,850	119,716	136,176	3,229,026	3,487,917	3,553,437	23·09	29·13	26·09
<b>Total ..</b>	<b>838,405</b>	<b>745,501</b>	<b>739,204</b>	<b>20,245,300</b>	<b>21,190,467</b>	<b>20,378,550</b>	<b>24·15</b>	<b>28·42</b>	<b>27·57</b>
<b>Mallee—</b>									
Millewa ..	42,662	48,090	48,529	570,052	526,697	496,057	13·36	10·95	10·22
Weeah ..	133,309	113,827	109,623	1,645,775	1,827,557	1,603,234	12·36	16·06	14·62
Karkaroc ..	629,861	594,775	581,637	9,075,901	11,364,769	10,519,417	14·41	19·11	18·09
Tatchera ..	362,223	341,494	353,687	6,633,418	7,534,188	7,100,157	18·31	22·06	20·07
<b>Total ..</b>	<b>1,168,055</b>	<b>1,098,186</b>	<b>1,093,476</b>	<b>17,925,146</b>	<b>21,253,211</b>	<b>19,718,865</b>	<b>15·35</b>	<b>19·35</b>	<b>18·03</b>

VICTORIA—WHEAT AREAS AND YIELDS IN COUNTIES FOR THE THREE SEASONS, 1952-1954—*continued.*

Districts and Counties.	Year ended March.								
	Area.			Produce.			Average per Acre.		
	1952.	1953.	1954.	1952.	1953.	1954.	1952.	1953.	1954.
	Acres.	Acres.	Acres.	Bushels.	Bushels.	Bushels.	Bus.	Bus.	Bus.
<b>Northern—</b>									
Gunbower ..	8,903	10,633	13,460	128,396	202,953	277,244	14·42	19·09	20·60
Gladstone ..	86,937	82,966	102,758	1,490,960	1,874,715	2,346,255	17·15	22·60	22·83
Bendigo ..	60,623	54,458	79,141	851,115	1,119,044	2,046,501	14·04	20·55	25·86
Rodney ..	26,458	33,731	43,396	401,817	794,906	1,164,566	15·19	23·57	26·84
Moira ..	194,118	135,192	207,421	3,471,977	2,663,840	4,938,085	17·89	19·70	23·81
Total ..	377,039	316,980	446,176	6,344,265	6,655,458	10,772,651	16·83	21·00	24·14
<b>North Eastern—</b>									
Delatite ..	3,303	2,595	4,645	65,769	49,236	96,834	19·91	18·97	20·85
Bogong ..	26,469	15,664	28,982	490,657	252,978	662,800	18·54	16·15	22·87
Benambra ..	41	108	40	724	1,794	1,313	17·66	16·61	32·83
Wonnangatta ..	..	21	..	..	372	..	..	17·71	..
Total ..	29,813	18,388	33,667	557,150	304,380	760,947	18·69	16·55	22·60
<b>Gippsland—</b>									
Croajingolong ..	..	..	14	..	..	425	..	..	30·36
Tambo ..	..	..	8	..	..	327	..	..	40·88
Dargo ..	13	10	28	121	143	681	9·31	14·30	24·32
Tanjil ..	1,598	286	2,282	25,822	7,218	61,151	16·16	25·24	26·80
Buln Buln ..	58	14	111	291	74	1,584	5·02	5·29	14·27
Total ..	1,669	310	2,443	26,234	7,435	64,168	15·72	23·98	26·27
<b>Total (State) ..</b>	<b>2,463,574</b>	<b>2,232,097</b>	<b>2,389,304</b>	<b>45,994,752</b>	<b>50,334,634</b>	<b>53,697,611</b>	<b>18·67</b>	<b>22·55</b>	<b>22·47</b>

The production of wheat in the other Australian States in 1953-54 was as follows:—New South Wales, 63,681,000 bushels; South Australia, 30,409,000 bushels; Western Australia, 39,700,000 bushels; Queensland, 10,180,000 bushels; and Tasmania, 263,000 bushels. The total production for the Commonwealth was 197,960,000 bushels.

In the following table the average yield per acre in each of the main wheat growing counties for the seasons 1942-43 to 1953-54 is shown in conjunction with the approximate mean rainfall recorded each month. The rainfall during the growing season is shown separately to indicate its effect on wheat production. While the table is useful as a general reference in respect of the relationship of wheat yields to rainfall, it should be remembered that temperatures, winds, and other factors such as the extent to which fallowing, rotational cropping, and fertilizing are practised have also considerable effect on average yields, as do also the varieties of wheat used.

**Monthly Rainfall and Average Yields of Wheat 1942-43 to 1953-54.**

## VICTORIA—RAINFALL AND AVERAGE WHEAT YIELD PER ACRE IN WHEAT-GROWING COUNTIES FOR THE SEASONS 1942-43 TO 1953-54.

County and Year.	Approximate Mean Rainfall each Month.											Total for Year.	Total Wheat-growing Period.	Average Wheat Yield per Acre.	
	Jan.	Feb.	Mar.	April.	May.	Wheat-growing Months.									Dec.
						June.	July.	Aug.	Sept.	Oct.	Nov.				
Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Busheis.	
<b>Lowan—</b>															
1942 ..	87	88	38	117	385	306	266	335	282	242	184	59	2,389	1,615	23-76
1943 ..	57	123	18	163	85	206	227	242	256	109	95	52	1,633	1,135	22-60
1944 ..	39	62	26	161	213	45	122	19	66	189	77	139	1,158	518	4-88
1945 ..	74	224	18	11	148	180	124	307	134	199	155	104	1,678	1,099	11-80
1946 ..	293	447	359	57	123	221	421	174	120	90	76	190	2,571	1,102	24-63
1947 ..	28	149	317	117	82	272	408	232	212	304	200	317	2,638	1,628	17-24
1948 ..	17	65	23	425	165	226	151	173	141	368	181	199	2,134	1,240	23-60
1949 ..	74	311	33	14	202	74	138	75	139	314	258	17	1,649	998	25-56
1950 ..	13	175	261	96	329	90	120	165	227	114	81	65	1,736	797	20-82
1951 ..	77	170	16	170	337	224	270	287	79	306	71	161	2,168	1,237	21-90
1952 ..	300	116	50	122	295	354	175	172	179	160	252	87	2,262	1,292	25-06
1953 ..	107	6	18	113	91	358	313	315	234	191	212	142	2,100	1,623	25-26
<b>Borong—</b>															
1942 ..	98	55	44	142	356	262	179	360	222	237	198	51	2,199	1,458	28-26
1943 ..	68	90	16	119	78	150	178	200	184	102	42	38	1,265	856	15-65
1944 ..	53	61	22	143	178	27	142	7	52	142	69	156	1,052	439	1-69
1945 ..	67	227	18	10	87	251	161	268	93	125	134	49	1,490	1,032	10-27
1946 ..	291	359	273	70	134	200	296	139	102	77	81	111	2,133	895	20-09
1947 ..	19	112	300	90	47	215	288	168	169	311	181	228	2,128	1,332	19-38
1948 ..	15	40	10	265	157	233	150	88	127	401	116	189	1,791	1,115	25-86
1949 ..	31	310	67	11	170	65	181	60	160	336	192	21	1,604	994	25-95
1950 ..	6	321	279	146	331	66	156	153	224	148	113	70	2,013	860	22-64
1951 ..	58	219	26	131	240	234	267	245	65	270	45	106	1,906	1,126	25-18
1952 ..	143	99	73	110	306	301	123	192	139	277	286	82	2,131	1,318	29-36
1953 ..	148	16	10	109	72	309	293	273	199	137	243	105	1,914	1,454	28-75
<b>Kara Kara—</b>															
1942 ..	100	50	77	99	373	260	188	371	214	240	181	44	2,197	1,454	24-18
1943 ..	79	96	14	104	81	146	203	193	187	84	52	31	1,270	865	12-87
1944 ..	37	37	52	165	178	26	162	10	63	131	57	135	1,053	449	0-86
1945 ..	49	107	13	8	85	318	182	254	95	133	135	33	1,412	1,117	10-84
1946 ..	330	340	256	87	129	185	261	138	91	110	93	141	2,161	878	19-49
1947 ..	11	118	317	93	48	234	298	176	157	378	169	228	2,227	1,412	18-39
1948 ..	40	64	9	195	148	203	158	94	118	358	103	97	1,587	1,034	21-28
1949 ..	28	316	146	11	159	77	201	58	146	337	258	22	1,759	1,077	24-76
1950 ..	5	340	319	149	323	72	200	192	291	189	135	77	2,292	1,079	22-26
1951 ..	68	323	12	134	269	274	279	259	46	319	45	83	2,111	1,222	23-09
1952 ..	115	89	77	172	354	342	116	216	161	288	328	99	2,357	1,451	29-13
1953 ..	93	22	11	114	88	291	262	288	250	168	226	100	1,913	1,485	26-09

Land Settlement, etc.



VICTORIA—RAINFALL AND AVERAGE WHEAT YIELD PER ACRE IN WHEAT-GROWING COUNTIES FOR THE SEASONS 1942-43 TO 1953-54—*continued.*

County and Year.	Approximate Mean Rainfall each Month.												Total for Year.	Total Wheat-growing Period.	Average Wheat Yield per Acre.	
	Jan.	Feb.	Mar.	April.	Wheat-growing Months.						Nov.	Dec.				
					May.	June.	July.	Aug.	Sept.	Oct.						
Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Bushels.	
Millewa—																
1942	19	43	9	121	174	178	112	179	36	211	45	29	1,156	890	11-16	
1943	7	36	3	38	23	33	43	93	81	52	59	66	534	325	0-01	
1944	35	15	5	18	98	16	58	14	13	65	74	74	485	264	0-04	
1945	4	12	4	1	56	176	82	89	39	142	65	69	739	584	3-97	
1946	125	218	88	48	80	131	153	40	22	38	187	91	1,221	464	3-45	
1947	13	211	250	30	2	107	123	92	106	153	84	135	1,306	583	3-15	
1948	9	2	1	143	60	140	69	76	23	186	62	80	851	554	5-94	
1949	34	103	57	10	262	27	69	20	136	181	47	12	958	695	8-16	
1950	..	494	369	15	113	31	88	72	70	123	109	48	1,472	497	8-47	
1951	29	23	13	76	128	331	102	154	83	104	11	12	1,066	902	13-36	
1952	139	45	72	72	300	63	48	62	58	244	177	17	1,297	775	10-95	
1953	80	47	1	20	19	110	118	159	297	119	98	35	1,103	822	10-22	
Weeah—																
1942	66	32	13	103	186	187	158	220	123	129	139	33	1,389	1,003	13-96	
1943	41	70	8	85	35	101	83	132	107	151	82	62	957	609	7-84	
1944	35	15	22	57	143	8	92	7	35	79	71	101	665	364	2-53	
1945	10	64	6	5	77	198	88	126	77	135	90	86	962	701	6-10	
1946	147	306	154	36	77	127	140	105	51	45	105	70	1,363	545	10-36	
1947	3	180	196	38	35	103	181	139	135	183	132	179	1,504	776	8-68	
1948	4	29	5	195	106	159	104	68	47	313	131	144	1,305	797	11-84	
1949	20	112	28	3	163	29	88	30	167	262	87	12	1,001	739	13-63	
1950	1	382	304	51	249	60	77	86	168	101	109	57	1,645	741	12-31	
1951	66	51	14	47	121	281	152	199	47	155	13	74	1,220	955	12-36	
1952	177	51	82	80	235	162	79	106	76	192	190	31	1,461	850	16-06	
1953	136	22	7	46	53	212	188	190	132	110	141	80	1,317	885	14-62	
Karkaroc—																
1942	40	37	20	110	216	199	140	224	75	165	130	26	1,382	1,019	15-42	
1943	34	42	5	61	38	88	88	133	99	94	56	35	773	540	7-13	
1944	22	15	8	95	121	7	74	7	29	73	71	88	610	311	1-14	
1945	20	51	6	4	55	239	85	136	42	148	74	54	914	705	5-69	
1946	213	275	101	29	134	133	131	92	33	44	115	68	1,368	567	9-18	
1947	6	176	221	55	24	117	168	108	98	195	159	145	1,472	710	10-51	
1948	6	21	2	133	96	155	67	38	42	285	94	91	1,030	683	10-32	
1949	27	181	89	10	251	27	113	30	121	246	90	12	1,197	788	15-58	
1950	1	373	341	33	195	55	106	82	120	139	123	62	1,630	697	15-61	
1951	49	68	5	54	168	244	147	170	42	141	22	36	1,146	912	14-41	
1952	99	42	90	138	295	164	64	98	71	248	228	29	1,566	940	19-11	
1953	120	40	4	41	37	154	154	177	220	112	127	38	1,224	854	18-09	

VICTORIA—RAINFALL AND AVERAGE WHEAT YIELD PER ACRE IN WHEAT-GROWING COUNTIES FOR THE SEASONS 1942-43 TO 1953-54—*continued.*

County and Year.	Approximate Mean Rainfall each Month.												Total for Year.	Total Wheat-growing Period.	Average Wheat Yield per Acre.
	Jan.	Feb.	Mar.	April.	Wheat-growing Months.						Nov.	Dec.			
					May.	June.	July.	Aug.	Sept.	Oct.					
Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Bushels.
<b>Tatchera—</b>															
1942	41	89	48	93	219	213	119	230	59	134	142	32	1,419	974	15-19
1943	15	36	4	63	27	90	88	121	93	107	43	28	715	526	4-42
1944	20	9	11	117	119	10	70	5	26	75	63	106	636	305	0-14
1945	17	28	13	..	54	276	95	162	39	219	112	44	1,059	845	6-44
1946	271	313	99	28	132	145	124	105	27	50	120	75	1,489	583	9-35
1947	15	159	237	49	25	127	174	96	105	228	172	137	1,524	755	11-44
1948	9	55	2	107	118	130	55	29	64	279	79	94	1,021	675	8-38
1949	15	155	253	22	231	46	159	32	106	278	116	9	1,422	852	18-74
1950	1	344	373	63	208	81	137	83	140	178	139	50	1,797	827	19-26
1951	59	132	5	84	240	289	167	190	23	96	34	20	1,339	1,005	18-31
1952	61	21	94	182	306	176	61	96	83	242	187	44	1,553	964	22-06
1953	114	40	6	67	36	144	114	193	159	134	126	31	1,164	780	20-07
<b>Gunbower—</b>															
1942	65	76	142	54	252	191	146	249	96	138	106	35	1,550	1,072	14-72
1943	88	32	7	66	46	78	105	79	94	91	50	34	770	493	3-72
1944	31	13	33	138	156	19	89	4	26	85	66	88	748	379	0-33
1945	54	56	22	2	43	209	124	215	49	175	122	37	1,108	815	7-95
1946	227	338	77	34	109	112	131	85	29	67	148	39	1,396	533	6-95
1947	10	116	205	52	21	89	253	118	130	304	144	232	1,674	915	12-10
1948	13	86	1	149	147	189	71	31	74	259	89	104	1,213	771	9-39
1949	20	233	314	24	120	85	133	49	146	381	196	17	1,768	964	21-32
1950	2	180	543	107	202	89	153	91	191	180	161	70	1,969	906	18-90
1951	110	359	..	58	262	312	170	185	17	94	33	33	1,633	1,040	14-42
1952	50	19	65	216	297	226	78	78	107	268	247	62	1,713	1,054	19-09
1953	114	40	6	109	42	162	129	224	160	180	116	25	1,307	897	20-60
<b>Gladstone—</b>															
1942	74	57	78	68	358	261	168	335	156	173	198	35	1,961	1,451	19-93
1943	88	54	10	89	62	120	190	158	134	87	50	36	1,087	760	10-97
1944	21	26	34	149	154	23	129	9	46	106	48	83	828	467	-1-01
1945	47	110	18	4	100	345	165	250	83	130	132	29	1,413	1,073	11-77
1946	290	305	140	67	129	152	222	111	60	96	116	86	1,774	770	14-30
1947	4	102	292	82	37	190	297	147	150	347	169	200	2,017	1,168	16-55
1948	35	138	4	135	160	194	118	65	90	342	113	130	1,524	969	16-05
1949	20	304	276	9	151	60	165	46	136	349	289	22	1,827	907	21-60
1950	6	372	406	141	297	63	214	176	246	206	140	76	2,348	1,207	19-28
1951	66	325	2	91	281	311	241	252	34	198	51	47	1,899	1,317	17-15
1952	103	55	79	206	348	306	109	177	138	245	303	74	2,143	1,323	22-60
1953	102	34	3	89	48	228	198	231	207	162	170	65	1,537	1,074	22-83

Land Settlement, &c.

VICTORIA—RAINFALL AND AVERAGE WHEAT YIELD PER ACRE IN WHEAT-GROWING COUNTIES FOR THE SEASONS 1942-43 TO 1953-54—*continued.*

County and Year.	Approximate Mean Rainfall each Month.												Total for Year.	Total Wheat-growing Period.	Average Wheat Yield per Acre.	
	Jan.	Feb.	Mar.	April.	Wheat-growing Months.						Nov.	Dec.				
					May.	June.	July.	Aug.	Sept.	Oct.						
Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Bushels.	
<b>Bendigo—</b>																
1942 ..	82	130	133	70	352	242	152	293	116	232	155	25	1,982	1,387	18-32	
1943 ..	150	41	5	76	55	96	167	101	130	119	57	38	1,035	668	9-39	
1944 ..	30	23	29	155	177	15	107	10	31	94	45	78	794	434	1-31	
1945 ..	63	81	19	2	71	267	161	266	66	151	101	32	1,280	982	12-07	
1946 ..	197	294	102	76	114	113	199	88	34	99	131	85	1,532	647	12-20	
1947 ..	5	91	225	53	29	126	263	130	157	331	118	234	1,762	1,036	16-31	
1948 ..	20	209	1	172	174	221	119	40	81	250	97	125	1,609	885	15-26	
1949 ..	21	361	333	14	100	54	180	49	153	438	387	25	2,115	974	19-46	
1950 ..	7	298	517	194	220	76	192	124	264	194	180	88	2,354	1,070	17-79	
1951 ..	81	589	3	87	304	340	199	205	18	138	52	44	2,060	1,204	14-04	
1952 ..	94	21	48	198	330	278	108	122	134	239	272	66	1,910	1,211	20-55	
1953 ..	115	53	1	72	42	183	182	227	213	186	158	38	1,470	1,033	25-86	
<b>Rodney</b>																
1942 ..	87	260	166	70	371	213	180	293	120	208	117	55	2,140	1,385	17-99	
1943 ..	168	34	4	100	73	127	169	136	164	116	64	24	1,179	785	13-58	
1944 ..	13	28	47	165	231	42	126	2	35	114	63	82	948	550	1-80	
1945 ..	146	52	12	4	66	244	173	322	85	217	141	34	1,496	1,107	14-40	
1946 ..	264	372	12	89	94	139	222	114	33	121	188	71	1,828	723	16-32	
1947 ..	14	98	225	72	44	132	305	171	208	357	120	339	2,083	1,215	17-71	
1948 ..	25	252	..	218	180	279	54	64	114	234	126	145	1,774	1,008	19-15	
1949 ..	29	282	354	29	108	79	239	64	177	550	479	36	2,426	1,217	22-42	
1950 ..	6	208	831	199	194	70	170	119	216	190	116	106	2,427	961	19-70	
1951 ..	123	370	2	121	341	391	247	228	28	194	57	57	2,159	1,429	15-19	
1952 ..	72	10	74	220	288	327	142	105	162	298	345	111	2,154	1,322	23-57	
1953 ..	203	50	10	77	70	225	212	301	253	258	134	26	1,819	1,319	26-84	
<b>Moirá—</b>																
1942 ..	108	176	143	82	355	236	143	255	102	177	237	69	2,083	1,268	18-76	
1943 ..	140	32	12	129	72	114	153	154	168	126	58	12	1,170	787	12-72	
1944 ..	5	16	52	163	270	51	129	2	36	100	86	148	1,058	588	2-22	
1945 ..	222	31	4	17	55	264	164	298	92	252	180	34	1,613	1,125	15-97	
1946 ..	216	442	137	91	98	150	267	133	33	113	236	60	1,976	794	14-88	
1947 ..	20	117	263	52	48	155	342	185	155	284	122	348	2,121	1,199	18-39	
1948 ..	18	198	1	173	213	253	106	66	129	243	208	223	1,831	1,010	18-05	
1949 ..	51	175	326	43	171	120	163	52	173	484	352	23	2,133	1,163	20-12	
1950 ..	6	294	691	160	176	92	166	91	188	237	145	80	2,326	950	19-26	
1951 ..	121	288	8	151	302	318	271	229	98	208	65	46	2,075	1,396	17-89	
1952 ..	33	13	81	247	354	362	175	120	133	309	402	154	2,433	1,503	19-70	
1953 ..	133	81	24	79	114	244	184	322	263	288	131	14	1,877	1,415	23-81	

Varieties of  
Wheat.

The following statement shows the areas under the principal varieties of wheat, including wheat for hay, for the seasons 1950-51, 1951-52, and 1952-53. Varieties are tabulated in order of popularity for the last-mentioned season. The percentages shown indicate the fluctuation which has taken place amongst the popular varieties.

Over 60 varieties of wheat were sown. A more extended list showing the area and percentage of each variety, and the ten principal varieties grown in the wheat-growing districts, may be obtained on application to the Government Statist:—

VICTORIA—VARIETIES OF WHEAT SOWN IN EACH OF THE SEASONS, 1950-51, 1951-52, AND 1952-53.

Variety (in order of Popularity, Season 1952-53).	1950-51.		1951-52.		1952-53.	
	Area Sown.	Percentage of Total Area Sown.	Area Snow.	Percentage of Total Area Sown.	Area Sown.	Percentage of Total Area Sown.
	Acres.		Acres.		Acres.	
Insignia .. ..	623,492	22·50	758,886	30·37	866,728	38·27
Quadrat .. ..	1,060,354	38·27	908,529	36·36	725,901	32·05
Pinnacle .. ..	416,657	15·04	394,373	15·79	403,338	17·81
Magnet .. ..	171,990	6·21	99,571	3·99	62,286	2·75
Bencubbin .. ..	195,485	7·06	116,704	4·67	54,786	2·42
Gabo .. ..	18,691	0·68	37,900	1·52	37,408	1·65
Baldmin .. ..	42,956	1·55	44,497	1·78	29,534	1·30
Pindar .. ..	56,122	2·03	34,749	1·39	20,518	0·91
Ghurka .. ..	42,232	1·52	22,109	0·88	13,620	0·60
Diadem .. ..	55,373	2·00	24,368	0·98	9,765	0·43
Koorda .. ..	6,746	0·24	7,160	0·29	7,381	0·33
Ranee .. ..	16,589	0·60	5,499	0·22	2,964	0·13
Javelin .. ..	205	0·01	924	0·04	2,750	0·12
Regalia .. ..	11,520	0·42	4,262	0·17	2,025	0·12
Bungulla .. ..	6,202	0·22	4,596	0·18	2,421	0·11
Celebration .. ..	1,004	0·04	2,581	0·10	1,984	0·09
Kendee .. ..	823	0·03	2,301	0·09	1,974	0·09
Glueclub .. ..	6,417	0·23	3,718	0·15	1,932	0·09
Warigo .. ..	649	0·02	1,880	0·08	1,220	0·05
Blue Stem .. ..	1,168	0·04	814	0·03	998	0·04
Bobin .. ..	4,189	0·15	1,966	0·08	970	0·04
Turvey .. ..	2,416	0·09	1,151	0·05	903	0·04
Scimitar .. ..	547	0·02	470	0·02	797	0·04
Rajah .. ..	5,154	0·19	1,478	0·06	794	0·04
Javelin 48 .. ..	..	..	712	0·03	641	0·03
Glugas .. ..	643	0·02	1,367	0·05	596	0·03
Sepoy .. ..	3,122	0·11	955	0·04	540	0·02
Federation .. ..	502	0·02	465	0·02	520	0·02
Dundee .. ..	2,520	0·09	1,476	0·06	515	0·02
Dirk .. ..	169	..	823	0·03	416	0·02
All other varieties ..	16,612	0·60	12,254	0·48	7,824	0·34
Total .. ..	2,770,549	100·00	2,498,538	100·00	2,264,649	100·00

It will be noted from the foregoing statement that changes have occurred in the leading varieties during the seasons shown. Free Gallipoli became the leading variety in Victoria in 1929-30, and continued as such until the season 1934-35, when it was superseded by Ghurka. This variety continued as the most popular until it was displaced by Quadrats at the 1946 sowing. Quadrats increased in favour until in the season 1948-49, 47.20 per cent. of wheat sown was of that variety. Due to the rapid headway made by the varieties Insignia and Pinnacle, which were only released from the Werribee Research Station in 1946 and 1947, the percentage of area sown with Quadrats has declined and was 32.05 in the 1952-53 season. The varieties Insignia and Pinnacle have increased in popularity to the extent that in 1952-53 their percentages of the area sown were 38.27 and 17.81 respectively.

Many changes have also taken place in the leading varieties of wheat in other Australian wheat-growing States during recent years. In New South Wales, Bencubbin and Gabo are now the leading varieties. In South Australia the area sown with Gabo was only .05 per cent. of the total area sown in 1947-48, but the area now sown with this variety amounts to 23.3 per cent., of the total area sown. In Western Australia, Bungulla, Bencubbin, Kondut, and Gluclub occupy 67 per cent. of the area.

#### PRINCIPAL VARIETIES OF WHEAT SOWN IN AUSTRALIAN STATES, 1952-53.

New South Wales.		Victoria.		South Australia.		Western Australia.	
Variety.	Per-centage of Total Area.	Variety.	Per-centage of Total Area.	Variety.	Per-centage of Total Area.	Variety.	Per-centage of Total Area.
Bencubbin ..	38.4	Insignia ..	38.3	Gabo ..	23.3	Bungulla ..	26.6
Gabo ..	15.8	Quadrat ..	32.1	Bencubbin ..	12.5	Bencubbin ..	22.4
Kendee ..	7.2	Pinnacle ..	17.8	Quadrat ..	4.2	Kondut ..	10.6
Charter ..	5.4	Magnet ..	2.8	Scimitar ..	4.1	Gluclub ..	7.7
Ford ..	5.2	Bencubbin ..	2.4	Insignia ..	3.9	Wongoondy ..	7.4
Celebration ..	4.6	Gabo ..	1.6	Dirk 48 ..	3.8	Eureka 2 ..	3.7
Bordan ..	3.4	Baldmin ..	1.3	Warigo ..	3.8	Gabo ..	3.4
Glen Wari ..	2.2	Pindar ..	0.9	Reldep ..	3.3	Bluclub ..	3.0
Koala ..	2.1	Ghurka ..	0.6	Dirk ..	2.7	Koorda ..	2.7
Quadrat ..	1.8	Diadem ..	0.4	Waratah ..	2.7	Insignia ..	2.5
All others ..	13.9	All others	1.8	All others	35.7	All others ..	10.0
Total ..	100.0		100.0		100.0		100.0

NOTE.—The percentages of the principal varieties of wheat sown in Victoria in 1953-54 were:—Insignia 40.97; Quadrats 26.42; Pinnacle 21.40. In 1954-55 the percentages were Insignia 45.78; Pinnacle 24.81; Quadrats 20.54.

**Wheat Growing in conjunction with Sheep Grazing and Dairying.**

For the season 1947-48, statistics showing the extent to which mixed farming was practised in conjunction with wheat growing were compiled in respect of each State in the Commonwealth. The tabulations were prepared by the Commonwealth Statistician from data prepared by each State.

An analysis of the tables for the State of Victoria for that season discloses that wheat for grain was grown on 13,836 holdings, and the area sown with wheat for grain 3,227,162 acres. On 10,526 holdings, or 76·1 per cent. of the total growing wheat for grain, there were 6,114,977 sheep, or 34·1 per cent. of the State's total of 17,931,173 sheep at 31st March, 1948.

On 10,827 of the holdings growing wheat for grain, or 78·3 per cent. of the total, there were 126,078 dairy cattle at 31st March, 1948. Pigs numbering 42,801 were held on 3,198 holdings which also grew wheat for grain.

The following table shows, the total area of holdings growing wheat for grain with particulars of wheat growing, sheep, dairy cattle, and pigs thereon :—

**VICTORIA—HOLDINGS GROWING WHEAT FOR GRAIN TOGETHER WITH SHEEP, DAIRY CATTLE, AND PIGS THEREON, SEASON 1947-48.**

Area under Wheat for Grain.	Holdings Growing Wheat.		Sheep.		Dairy Cattle.		Pigs.	
	Number.	Total Area under Wheat.	Holdings With.	Total.	Holdings With.	Total.	Holdings With.	Total.
Acres.		Acres.	No.	No.	No.	No.	No.	No.
1- 19	1,133	11,250	767	472,472	1,043	25,620	402	7,109
20- 49	1,295	41,216	966	624,595	1,080	20,547	334	6,187
50- 99	1,750	124,510	1,332	844,231	1,340	18,920	357	6,563
100- 199	3,164	448,128	2,372	1,328,432	2,322	23,459	662	9,084
200- 299	2,314	544,665	1,726	889,242	1,756	14,554	518	5,217
300- 399	1,646	540,886	1,269	621,127	1,238	9,235	366	3,489
400- 499	994	422,612	794	456,467	781	5,074	214	1,624
500- 599	523	276,117	432	252,356	426	2,810	102	813
600- 699	403	251,335	328	173,485	517	2,208	80	1,057
700- 799	216	157,119	185	126,805	182	1,279	53	437
800- 899	150	123,955	133	101,122	131	903	46	498
900- 999	92	85,725	79	67,224	76	465	27	331
1,000-1,999	149	184,429	136	142,637	128	924	36	355
2,000 and over ..	7	15,715	7	9,782	7	80	1	37
<b>Total ..</b>	<b>13,836</b>	<b>3,227,162</b>	<b>10,526</b>	<b>6,114,977</b>	<b>10,827</b>	<b>126,078</b>	<b>3,198</b>	<b>42,801</b>

Seed and Fertilizers used on Wheat Areas \*grain and hay), 1952-53.

The total seed wheat used for grain and hay areas amounted to 2,465,420 bushels, and estimated total fertilizers to 70,229 tons. The average rate of sowing in the principal wheat-growing counties ranged from 44 lb. of seed per acre in the County of Millewa to 90 lb. in Ripon.

### SEED AND FERTILIZERS USED ON WHEAT AREAS SEASON 1952-53.

(GRAIN AND HAY.)

District.	Area Sown.	Seed Used.		Fertilizers Used. (Estimated).
		Per Acre.	Total.	
	Acres.	lb.	Bushels.	Tons.
Central .. .. .	14,665	88	21,509	617
North-Central .. .	13,641	85	19,325	548
Western .. .. .	33,462	86	47,962	1,614
Wimmera .. .. .	759,537	73	924,103	26,582
Mallee .. .. .	1,100,482	57	1,045,458	28,537
Northern .. .. .	322,729	71	381,896	11,509
North-Eastern .. .	19,350	75	24,188	799
Gippsland .. .. .	783	75	979	23
Total State .. ..	2,264,649	66	2,465,420	70,229

**Fallow.** The large area of land fallowed for the next season's cropping operations is a feature of the three wheat-growing districts. Of the 2,026,965 acres in fallow during the season 1951-52, 935,410 were in the Mallee, 713,839 in the Wimmera, and 252,342 in the Northern districts. The total area of fallow in these three districts—1,901,591 acres—represented 94 per cent. of the land fallowed in the State.

The following table shows the acreage in fallow in various years, together with the area sown to wheat in each succeeding season:—

## VICTORIA—LAND IN FALLOW AND WHEAT SOWN.

Season.		Land in Fallow.	Season.		Area Sown to Wheat.
		Acres.			Acres.
1901-02	.. ..	681,778	1902-03	.. ..	2,155,928
1911-12	.. ..	1,469,608	1912-13	.. ..	2,471,586
1921-22	.. ..	2,052,964	1922-23	.. ..	2,857,533
1931-32	.. ..	2,145,819	1932-33	.. ..	3,320,504
1940-41	.. ..	1,887,418	1941-42	.. ..	2,889,853
1941-42	.. ..	2,101,360	1942-43	.. ..	2,212,915
1942-43	.. ..	1,660,171	1943-44	.. ..	1,864,895
1943-44	.. ..	1,719,363	1944-45	.. ..	2,246,217
1944-45	.. ..	1,694,097	1945-46	.. ..	3,365,558
1945-46	.. ..	2,394,032	1946-47	.. ..	3,566,489
1946-47	.. ..	2,460,350	1947-48	.. ..	3,279,182
1947-48	.. ..	2,527,306	1948-49	.. ..	3,033,395
1948-49	.. ..	2,343,685	1949-50	.. ..	2,867,390
1949-50	.. ..	2,429,888	1950-51	.. ..	2,770,549
1950-51	.. ..	2,153,611	1951-52	.. ..	2,498,538
1951-52	.. ..	2,026,965	1952-53	.. ..	2,264,649
1952-53	.. ..	2,294,891	1953-54	.. ..	2,429,097

**Wheat standard.**

The weight of an imperial bushel of wheat is 60 lb., but the actual weight of a bushel of Victorian wheat of fair average quality standard is determined annually by the Chamber of Commerce.



The following table shows the standard determined in Victoria for each of the ten seasons, 1944-45 to 1953-54.

Season.			Weight of Bushel of Wheat, f.a.q.	Season.			Weight of Bushel of Wheat, f.a.q.
			lb.				lb.
1944-45	..	..	63½	1949-50	..	..	64
1945-46	..	..	62½	1950-51	..	..	62½
1946-47	..	..	63½	1951-52	..	..	64
1947-48	..	..	60½	1952-53	..	..	64¾
1948-49	..	..	63	1953-54	..	..	64½

**Farmers Growing  
Wheat for Grain.**

The following statement shows the number of farmers

engaged in the growing of wheat for grain :—

VICTORIA—NUMBER OF HOLDINGS WITH TWENTY OR MORE ACRES OF WHEAT FOR GRAIN, SEASONS 1948-49 TO 1953-54.

1948-49.	1949-50.	1950-51.	1951-52.	1952-53.	1953-54.
12,105	11,491	11,203	10,076	10,049	10,900

**Oats.**

Oats may be cut for hay, stripped for grain or fed off to stock. The proportion of the oat crop used for each of the above purposes varies according to seasonal conditions. Oats as hay or grain form a very suitable fodder reserve on Mallee farms. For many years past, increasing areas of oats have been sown with the object of providing feed for sheep during the winter and early spring months. Some varieties of oats show high powers of recovery, particularly for a grain yield, after such grazing. More than 40 varieties are generally sown, but Algerian, with 51 per cent., Orient, with 19 per cent., and Algeribee, with 12 per cent. of the area predominate. The area harvested (season 1951-52) for hay was 214,427 acres, and for grain 676,503 acres, which produced 311,759 tons of hay, and 11,151,260 bushels of grain respectively. The area of oats sown for grazing purposes amounted to 193,064 acres. The figures for the 1952-53 season were :—Hay, 219,448 acres (315,193 tons), grain, 756,129 acres (12,599,050 bushels), and for grazing, 179,235 acres.

Particulars of areas harvested and production of the several kinds of hay appear in the following table:—

## VICTORIA—HAY PRODUCTION, 1951-52 TO 1953-54.

Kind.		Area.	Production.	Average Yield.
		Acres.	Tons.	Tons.
Wheaten .. ..	{ 1951-52	34,964	51,760	1.48
	{ 1952-53	32,552	50,766	1.56
	{ 1953-54	39,793	61,142	1.54
Oaten .. ..	{ 1951-52	214,427	311,759	1.45
	{ 1952-53	219,448	315,193	1.44
	{ 1953-54	240,031	366,109	1.53
Lucerne .. ..	{ 1951-52	40,851	76,057	1.86
	{ 1952-53	44,907	91,354	2.03
	{ 1953-54	48,674	95,155	1.95
Barley, rye, &c. ..	{ 1951-52	1,670	2,078	1.24
	{ 1952-53	1,137	1,486	1.31
	{ 1953-54	2,137	2,792	1.31
Grasses and clovers ..	{ 1951-52	348,506	605,110	1.74
	{ 1952-53	454,888	786,418	1.73
	{ 1953-54	476,588	835,464	1.75
Totals .. ..	{ 1951-52	640,418	1,046,764	1.63
	{ 1952-53	752,932	1,245,217	1.65
	{ 1953-54	807,223	1,360,662	1.69

The quantities of hay (in districts) held on rural holdings on the 31st March, 1952, 1953, and 1954, are shown in the following table:—

## STOCKS OF HAY HELD ON FARMS.

District.	At 31st March—		
	1952.	1953.	1954.
	Tons.	Tons.	Tons.
Central .. ..	162,365	200,236	203,235
North-Central .. ..	64,963	91,812	93,465
Western .. ..	265,972	266,787	320,905
Wimmera .. ..	135,713	162,046	164,642
Mallee .. ..	44,755	49,403	48,418
Northern .. ..	189,090	264,760	293,804
North-Eastern .. ..	116,977	140,314	159,782
Gippsland .. ..	149,328	172,005	195,048
State .. ..	1,129,163	1,347,363	1,479,299

**Barley.** The area under barley for grain in 1951-52 was 186,224 acres, of which 160,702 were under malting (2 row), and 25,522 under feed (6 row) barley. Although barley is grown generally throughout the State, 135,207 acres, or 73 per cent. of the total area for the season 1951-52, were sown in the counties of Grant, Lowan, Borung, Weeah, and Karkaroc. The figures in the subjoined table show the acreage, production, and yield per acre, for each of the five seasons 1949-50 to 1953-54.

VICTORIA—BARLEY PRODUCTION, 1949-50 TO 1953-54.

Year ended March—	Area under Crop.		Produce.		Average per Acre.		
	Malting (2 row).	Other (6 row).	Malting (2 row).	Other (6 row).	Malting (2 row).	Other (6 row).	Total.
	Acres.	Acres.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.
1950 ..	211,852	24,271	4,406,009	470,171	20·80	19·37	20·65
1951 ..	196,253	20,843	4,080,473	429,606	20·79	20·61	20·77
1952 ..	160,702	25,522	3,146,415	473,161	19·58	18·54	19·44
1953 ..	205,960	28,637	4,202,643	531,532	20·41	18·56	20·18
1954 ..	344,346	30,209	7,360,055	572,048	21·37	18·94	21·18

**Maize.** Maize for grain is cultivated mainly in Gippsland, but one or two thousand acres are regularly grown in the Mornington and the North-Eastern districts. It is grown in Victoria both for grain and for green fodder. The areas for 1951-52 were 4,115 acres for grain, and 7,943 acres for green fodder. The area, production, and average yield for each of the five seasons, 1949-50 to 1953-54, are given in the following table:—

VICTORIA—MAIZE PRODUCTION, 1949-50 TO 1953-54.

Season.	For Green Fodder.	For Grain.		
		Area.	Production.	Yield per Acre.
	Acres.	Acres.	Bushels.	Bushels.
1949-50 .. ..	8,311	5,136	194,121	37·80
1950-51 .. ..	6,753	4,089	186,672	45·65
1951-52 .. ..	7,943	4,115	167,942	40·81
1952-53 .. ..	7,019	5,175	203,427	39·31
1953-54 .. ..	8,621	5,613	298,044	53·10

The annual average yield of the last five seasons was 43·53 bushels per acre, as compared with 45·0 in 1910-15, and 65·4 in 1900-05. The relatively light yield per acre for the latest five-year period was probably due to the cultivation of new areas, which are less fertile than the rich river flats upon which this cereal was grown exclusively in earlier periods.

**Potatoes.** Victoria is the chief potato-producing State in the Commonwealth. Of a total area of 118,145 acres planted in 1951-52 to potatoes, 42,108 acres were grown in this State.

The cultivation of potatoes in Victoria is confined mainly to the central highlands, the South-western district, and the Gippsland district. These districts are favoured with good average rainfall varying from 30 to 50 inches per annum, which is fairly well distributed throughout the year.

The following table shows the area, yield, and value of potatoes for each of the five seasons, 1949-50 to 1953-54:—

#### VICTORIA—POTATO PRODUCTION, 1949-50 TO 1953-54.

Season.			Area.	Production.*	Average Yield.	Gross Value.
			Acres.	Tons.	Tons.	£
1949-50	..	..	50,651	167,881	3·31	3,259,460
1950-51	..	..	52,482	139,391	2·66	3,661,748
1951-52	..	..	42,108	178,399	4·24	5,512,002
1952-53	..	..	52,851	133,148	2·52	4,641,187
1953-54	..	..	52,745	213,714	4·05	4,087,124

\* Includes amounts held on farms for seed, stock feed, &c., as follow:—38,374 tons in 1949-50; 27,102 tons in 1950-51; 30,620 tons in 1951-52; 26,177 tons in 1952-53; and 45,176 tons in 1953-54.

**Onions.** Onions are grown in nearly every county south of the Dividing Range. The returns for the season 1951-52 shows that in Bourke the yield was 3,675 tons from 556 acres; in Grant 2,161 tons from 660 acres; in Grenville 9,491 tons from 1,256 acres; in Polwarth 5,814 tons from 754 acres; in Villiers

6,192 tons from 812 acres; and in Buln Buln 1,194 tons from 192 acres. The following statement shows the area, yield, and value for each of the last five years:—

VICTORIA—ONION PRODUCTION, 1949-50 TO 1953-54.

Season.			Area.	Production.	Average Yield.	Gross Value.
			Acres.	Tons.	Tons.	£
1949-50	..	..	4,093	25,436	6·21	558,886
1950-51	..	..	4,148	18,182	4·38	571,142
1951-52	..	..	4,745	31,150	6·56	946,181
1952-53	..	..	3,866	23,690	6·13	598,173
1953-54	..	..	3,641	22,783	6·26	769,017

**Vine Production.** The production of dried vine-fruits for the season 1951-52 amounted to 48,692 tons, as compared with a production of 34,087 tons for the previous season. This far exceeds the requirements for home consumption. Overseas exports of Victorian produce of the season 1951-52 amounted to 36,330 tons.

Australian production of dried vine-fruits for the season 1951-52 amounted to 71,966 tons, of which the Victorian portion represented nearly 68 per cent.

Particulars of vine production for the five seasons 1949-50 to 1953-54 are given in the following table:—

VICTORIA—VINE-FRUIT PRODUCTION, 1949-50 TO 1953-54.

Season.	Number of Growers.	Area.		Produce.				
		Bearing.	Not Bearing.	Grapes gathered.	Wine made.	Dried Fruits.		
						Raisins.		Currants.
						Lexias.	Sultanas.	
Acres.	Acres.	Cwt.	Gallons.	Cwt.	Cwt.	Cwt.		
1949-50 ..	2,468	42,552	2,834	4,101,620	3,230,129	87,421	756,458	138,600
1950-51 ..	2,467	42,204	3,109	3,097,254	2,357,716	74,194	485,936	121,611
1951-52 ..	2,409	42,812	2,455	4,391,017	3,472,352	105,113	791,552	77,165
1952-53 ..	2,441	42,710	3,258	5,119,464	2,266,446	141,036	960,917	131,787
1953-54 ..	2,420	42,793	2,984	4,808,185	2,327,302	142,222	879,240	93,377

Of the total quantity of grapes gathered in 1951-52, it is estimated that 345,045 cwt. were used for making wine and spirits, 3,952,024 cwt. for raisins and currants, and 93,948 cwt. for table consumption. The figures for 1952-53 were 228,052 cwt., 4,774,709 cwt., and 116,703 cwt. respectively.

**Tobacco.** The imposition of emergency tariff rates about 1931 greatly stimulated the growing of tobacco in Victoria and, as a result, the area planted increased in the 1932-33 season to 13,418 acres. Due, however, to economic circumstances and to disease in the crops, the acreage subsequently declined. The 1951-52 crop amounted to 12,329 cwt., which was obtained from 1,500 acres.

The following table furnishes details of the area, production, and average yield in each of the five seasons, 1949-50 to 1953-54:—

VICTORIA—TOBACCO PRODUCTION, 1949-50 TO 1953-54.

Season.		Area.	Production.	Produce per Acre.	Gross Value.
		Acres.	Cwt. (dry).	Cwt. (dry).	£
1949-50	.. ..	919	5,967	6.49	163,939
1950-51	.. ..	1,021	8,138	7.97	336,099
1951-52	.. ..	1,500	12,329	8.22	463,159
1952-53	.. ..	1,613	13,142	8.08	613,293
1953-54	.. ..	2,246	19,237	8.57	1,062,459

**Flax.** The production of flax is confined mainly to the Central, Western, and Gippsland Districts.

The following table shows the area, the quantity of straw delivered at mills, and the produce obtained therefrom for each of the seasons 1949-50 to 1953-54. Australian imports of certain flax products for each of the years ended 30th June, 1949 to 1954 are also shown:—

**VICTORIAN FLAX PRODUCTION AND AUSTRALIAN IMPORTS  
OF FLAX PRODUCTS, 1949-50 TO 1953-54.**

Season.	Area.	Straw Delivered at Mills.	Produce Obtained.		Australian Imports (Year ended 30th June).		
			Fibre.	Seed.	Fibre.	Linseed.	Linseed Oil.
	Acres.	Tons.	Cwt.	Cwt.	Cwt.	Cwt.	Gallons.
1949-50 ..	5,261	6,925	15,020	17,771	..	388,631	1,498,572
1950-51 ..	3,633	5,071	14,107	11,664	..	274,531	2,104,712
1951-52 ..	2,821	4,065	17,387	9,433	804	40,319	4,598,718
1952-53 ..	2,840	4,379	16,891	13,706	9,932	5,000	1,487,008
1953-54 ..	9,550	12,984	16,900	13,498	5,821	..	3,567,404

**Linseed.** Linseed oil is one of the chief components of paints, varnishes, and linoleum, and has many other industrial uses. The presscake or meal, which remains after the oil has been extracted from the ground and partly-cooked seed, is a valuable stock food.

Several attempts have been made in the past to establish linseed growing in Australia. In general, they have failed because of unsuitable varieties, insect pests, and disease. However, the introduction of disease-resisting varieties and the development of effective means of pest control have combined to make linseed growing a favorable enterprise.

The area sown to linseed in Victoria for the season 1951-52 was 4,431 acres which produced 28,200 bushels (56 lb.) of pure seed valued at £63,662 (gross). The yield per acre was 6.36 bushels and the value to the grower was £86 per ton (43s. per bushel). The 1952-53 figures were 1,052 acres, 7,120 bushels, and value to grower 30s. per bushel.

**Orchards.** The extent of cultivation of each important class of fruit on holdings of one acre and upwards during the seasons 1949-50 and 1952-53 is shown in the following table:—

VICTORIA—FRUIT TREES, PLANTS, ETC., IN ORCHARDS  
AND GARDENS, 1949-50 AND 1952-53.

Fruit.	Number of Trees, Plants, &c.					
	1949-50.			1952-53.		
	Bearing.	Not Bearing.	Total.	Bearing.	Not Bearing.	Total.
Apples .. ..	1,677,923	290,612	1,968,535	1,548,037	355,595	1,903,632
Pears .. ..	1,087,865	178,737	1,266,602	1,119,195	174,878	1,294,073
Quinces .. ..	49,968	21,665	71,633	47,569	15,117	62,686
Plums .. ..	213,366	87,630	300,996	201,660	63,045	264,705
Prunes .. ..	26,735	14,540	41,275	29,912	15,263	45,175
Cherries .. ..	108,696	76,374	185,070	113,649	57,078	170,727
Peaches .. ..	1,123,251	290,123	1,413,374	988,675	214,262	1,202,937
Apricots .. ..	400,453	116,757	517,210	402,902	95,311	498,213
Nectarines .. ..	27,376	7,793	35,169	24,100	3,555	27,655
Oranges .. ..	336,213	118,540	454,753	371,481	102,156	473,637
Mandarins .. ..	7,322	1,272	8,594	6,497	2,249	8,746
Grapefruit .. ..	20,090	11,957	32,047	26,647	3,457	30,104
Lemons .. ..	124,427	51,894	176,321	117,908	27,927	145,835
Figs .. ..	14,906	3,268	18,174	10,102	1,303	11,405
<b>Total Large Fruits</b>	<b>5,218,591</b>	<b>1,271,162</b>	<b>6,489,753</b>	<b>5,008,334</b>	<b>1,131,196</b>	<b>6,139,530</b>
Raspberries .. ..	333,912	44,252	378,164	254,170	26,152	280,322
Loganberries .. ..	114,347	19,931	134,278	97,793	13,586	111,379
Strawberries .. ..	5,208,842	447,550	5,656,392	3,727,540	405,870	4,133,410
Goosberries .. ..	72,172	29,462	101,634	55,818	6,597	62,415
Olives .. ..	3,009	96,197	99,806	14,377	88,451	102,828
Passion-fruit .. ..	18,891	10,588	29,479	15,496	15,023	30,519
Almonds .. ..	42,552	36,688	79,240	41,025	16,681	57,706
Walnuts .. ..	7,966	3,643	11,609	9,250	3,534	12,784
Filberts .. ..	4,584	2,174	6,758	3,777	2,875	6,652
<b>Total Nuts</b> ..	<b>55,102</b>	<b>42,505</b>	<b>97,607</b>	<b>54,052</b>	<b>23,090</b>	<b>77,142</b>



The distribution of the fruit industry over the State is set out fruit and the number of trees of each kind in each county are

Statistical Districts and Counties.	Growers.	Area.	Apples.	Pears.	Peaches.
	No.	Acres.	Trees.	Trees.	Trees.
<b>Central District—</b>					
Bourke .. .. .	572	8,231	256,098	230,592	168,296
Grant .. .. .	126	1,017	47,156	5,346	3,065
Mornington .. .. .	738	10,152	840,378	53,734	20,703
Evelyn .. .. .	674	5,736	203,223	43,731	44,888
<b>North-Central District—</b>					
Anglesey .. .. .	4	9	381	159	13
Dalhousie .. .. .	3	4	230	23	..
Talbot .. .. .	168	2,759	193,521	63,621	1,695
<b>Western District—</b>					
Grenville .. .. .	18	131	4,182	379	23
Polwarth .. .. .	18	77	6,192	404	22
Heytesbury .. .. .	7	28	1,875	116	5
Hampden .. .. .	2	4	162	30	7
Ripon .. .. .	2	4	182	64	16
Villiers .. .. .	..	..	..	..	..
Normanby .. .. .	49	552	51,312	1,022	45
Dundas .. .. .	8	23	429	89	8
Follett .. .. .	8	33	2,649	109	12
<b>Wimmera District—</b>					
Lowan .. .. .	38	945	1,446	293	750
Borong .. .. .	135	3,235	40,119	16,199	31,104
Kara Kara .. .. .	29	155	9,314	971	490
<b>Mallee District—</b>					
Millewa .. .. .	15	139	..	..	..
Weeah .. .. .	..	..	..	..	..
Karkaroc .. .. .	742	3,227	1,095	1,988	5,235
Tatchera .. .. .	280	1,591	7,031	1,380	4,266
<b>Northern District—</b>					
Gunbower .. .. .	75	971	2,665	496	976
Gladstone .. .. .	22	152	10,115	1,753	1,950
Bendigo .. .. .	148	1,531	38,947	29,972	14,186
Rodney .. .. .	338	10,746	33,038	421,092	424,812
Moira .. .. .	487	13,583	49,659	417,969	477,198
<b>North-Eastern District—</b>					
Delatite .. .. .	69	568	15,929	291	1,526
Bogong .. .. .	120	1,250	58,934	973	799
Benambra .. .. .	6	8	444	18	88
Wonnangatta .. .. .	1	1	..	..	..
<b>Gippsland District—</b>					
Croajingolong .. .. .	12	14	189	49	36
Tambo .. .. .	10	15	506	174	138
Dargo .. .. .	22	59	2,809	82	130
Tanjil .. .. .	11	68	5,347	384	93
Buln Buln .. .. .	22	216	18,075	570	362
<b>Total for State .. .. .</b>	<b>4,979</b>	<b>67,234</b>	<b>1,903,632</b>	<b>1,294,073</b>	<b>1,202,937</b>

in the following table, where the number of growers, the area under given for the season 1952-53 :—

Apricots.	Plums.	Cherries.	Quinces.	Oranges.	Mandarins.	Grapefruit.	Lemons and Limes.
Trees.	Trees.	Trees.	Trees.	Trees.	Trees.	Trees.	Trees.
43,487	26,331	28,539	17,785	151	1	70	61,083
35,216	4,470	704	615	2	..	1	840
4,043	29,686	27,165	4,839	72	2	14	17,390
5,920	80,428	91,530	8,032	61	4	70	30,301
8	363	5	69	2	..	..	1
731	20	4,812	2,126	1	..	..	54
4,513	1,004	109	126	..	..	..	..
165	218	3	28	..	..	..	..
8	80	2	9	..	..	..	..
20	25	1	10	2	..	..	3
4	6	1	4	..	..	..	1
112	188	5	25	..	..	..	1
330	40	..	3	..	..	..	1
38	34	..	7	1	..	..	2
7,614	389	49	131	19	..	..	4
25,964	4,067	2,963	3,809	168	3	..	455
487	210	963	37	..	..	..	4
80	..	..	..	10,507	168	1,020	560
10,683	950	57	642	203,984	6,306	15,352	7,980
26,738	2,847	132	379	81,627	217	4,129	3,025
1,790	69	11	43	73,923	498	4,535	1,767
528	161	245	23	61	6	5	28
10,050	13,491	381	4,632	16,386	12	496	3,265
143,956	20,789	146	8,649	11,373	32	120	2,460
174,153	61,942	6,024	10,264	71,861	1,377	4,042	15,334
948	197	2,131	102	1,796	61	164	789
160	4,583	4,024	87	1,554	50	27	267
11	101	3	3	14	4	..	9
..	..	..	..	..	..	..	..
23	59	24	15	18	..	2	9
100	66	54	18	9	1	1	16
121	100	317	29	18	2	6	41
98	145	68	34	20	2	..	36
114	426	259	111	7	..	50	109
498,213	264,705	170,727	62,686	478,637	8,746	30,104	145,835

The following tables show the numbers of growers (in counties) of

Districts and Counties.	Apples.		Pears.		Peaches.	
	100 trees and over.	10 and under 100 trees.	100 trees and over.	10 and under 100 trees.	100 trees and over.	10 and under 100 trees.
<b>Central District—</b>						
Bourke .. .. .	316	75	329	47	327	39
Grant .. .. .	68	53	21	42	14	24
Mornington .. .. .	670	74	175	103	72	26
Evelyn .. .. .	275	91	101	62	136	49
<b>North-Central District—</b>						
Anglesey .. .. .	..	4	..	..	..	.. 1
Dalhousie .. .. .	2	5	..	2	..	..
Talbot .. .. .	167	12	114	35	10	14
<b>Western District—</b>						
Grenville .. .. .	10	7	3	11	..	2
Polwarth .. .. .	13	15	2	6	..	1
Heytesbury .. .. .	3	5	..	1	..	..
Hampden .. .. .	1	..	..	1	..	..
Ripon .. .. .	1	1	..	1	..	1
Villiers .. .. .	..	..	..	..	..	..
Normanby .. .. .	57	13	3	12	..	1
Dundas .. .. .	3	6	..	3	..	2
Follett .. .. .	5	3	1	1	..	..
<b>Wimmera District—</b>						
Lowan .. .. .	8	12	..	10	3	7
Borung .. .. .	53	43	46	52	56	35
Kara Kara .. .. .	24	9	3	15	3	10
<b>Mallee District—</b>						
Millewa .. .. .	..	..	..	1	..	..
Weeah .. .. .	..	..	..	..	..	..
Karkaroc .. .. .	1	12	4	22	11	34
Tatchera .. .. .	4	22	1	17	6	34
<b>Northern District—</b>						
Gunbower .. .. .	5	13	1	11	3	6
Gladstone .. .. .	14	7	2	7	4	6
Bendigo .. .. .	55	41	61	25	37	38
Rodney .. .. .	29	34	263	19	270	8
Moira .. .. .	96	75	294	22	313	34
<b>North-Eastern District—</b>						
Delatite .. .. .	23	35	1	7	4	9
Bogong .. .. .	62	55	4	23	2	18
Benambra .. .. .	2	9	..	3	..	4
Wonnangatta .. .. .	1	3	..	..	..	..
<b>Gippsland District—</b>						
Croajingolong .. .. .	..	18	..	1	..	2
Tambo .. .. .	3	17	..	7	1	2
Dargo .. .. .	7	18	..	6	..	5
Tanjil .. .. .	6	11	2	3	1	3
Buln Buln .. .. .	11	20	2	3	2	..
<b>Total .. .. .</b>	<b>1,995</b>	<b>818</b>	<b>1,433</b>	<b>581</b>	<b>1,275</b>	<b>415</b>

each kind of fruit and nuts grown in the State for the season 1949-50 :—

Apricots.		Plums.		Cherries.		Quinces.		Passion-fruit.		Oranges.	
100 trees and over.	10 and under 100 trees.	100 trees and over.	10 and under 100 trees.	100 trees and over.	10 and under 100 trees.	100 trees and over.	10 and under 100 trees.	100 vines and over.	10 and under 100 vines.	100 trees and over.	10 and under 100 trees.
92	80	131	141	121	70	80	93	..	1	..	2
78	44	18	50	7	6	3	17	1	..	1	..
24	59	149	127	100	33	17	35	7	6	..	4
23	50	273	173	223	45	29	59	7	7	..	1
..	..	..	..	..	..	..	..	..	..	..	..
..	1	..	1	..	1	..	..	..	..	..	..
4	18	48	36	22	17	5	14	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..
17	3	7	7	..	1	..	5	..	..	..	..
1	2	2	11	..	..	..	2	..	..	..	..
..	..	1	2	..	..	..	..	..	..	..	..
..	1	..	1	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..
..	6	..	9	..	..	..	..	..	..	..	..
1	3	..	4	..	1	..	..	..	..	..	..
..	1	..	1	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..
23	9	2	8	..	1	..	4	..	..	1	1
70	42	21	40	9	12	8	33	..	3	1	6
3	6	1	3	3	8	..	1	..	..	..	..
..	..	..	..	..	..	..	..	..	..	7	1
..	1	..	..	..	..	..	..	..	..	..	..
27	62	1	14	..	1	1	5	3	4	288	246
61	74	5	23	..	2	..	10	1	..	90	48
..	..	..	..	..	..	..	..	..	..	..	..
1	7	..	3	..	..	..	..	..	1	63	7
..	4	..	5	1	3	..	..	..	..	1	1
33	38	37	34	3	12	13	22	..	..	32	15
252	20	52	21	1	3	22	6	..	..	26	19
306	29	200	69	9	8	43	47	5	1	96	37
..	..	..	..	..	..	..	..	..	..	..	..
3	6	..	7	4	9	1	2	16	3	3	7
..	7	2	14	6	3	..	2	2	..	8	31
..	1	..	3	..	..	..	1	..	..	..	1
..	..	..	..	..	..	..	..	..	..	..	..
..	1	..	3	..	1	..	..	..	..	..	1
..	3	..	6	1	2	..	..	1	1	..	..
..	5	..	5	1	4	..	2	4	2	..	1
1	1	2	4	..	1	..	..	2	1	..	1
1	1	..	4	1	..	..	..	3	..	..	..
1,021	585	952	829	512	244	222	360	52	30	617	430

Number of Growers—*continued.*

Districts and Counties.	Man-darins.		Grape-fruit.		Lemons.		Almonds.		Walnuts.	
	100 trees and over.	10 and under 100 trees.	100 trees and over.	10 and under 100 trees.	100 trees and over.	10 and under 100 trees.	100 trees and over.	10 and under 100 trees.	100 trees and over.	10 and under 100 trees.
<b>Central District—</b>										
Bourke .. .. .	..	..	1	1	228	100	1	7	1	..
Grant .. .. .	..	..	..	..	1	1	3	16	..	3
Mornington .. .. .	..	..	..	1	66	57	1	11	..	3
Evelyn .. .. .	..	..	..	..	111	101	2	7	3	6
<b>North-Central District—</b>										
Anglesey .. .. .	..	..	..	..	..	..	1	1	..	1
Dalhousie .. .. .	..	..	..	..	..	..	..	..	..	..
Talbot .. .. .	..	..	..	..	..	3	1	3	..	..
<b>Western District—</b>										
Grenville .. .. .	..	..	..	..	..	..	..	..	..	..
Polwarth .. .. .	..	..	..	..	..	..	..	..	..	..
Heytesbury .. .. .	..	..	..	..	..	..	..	..	..	..
Hampden .. .. .	..	..	..	..	..	..	..	..	..	..
Rippon .. .. .	..	..	..	..	..	..	..	..	..	..
Villiers .. .. .	..	..	..	..	..	..	..	..	..	..
Normanby .. .. .	..	..	..	..	..	..	..	..	..	..
Dundas .. .. .	..	..	..	..	..	..	..	..	..	..
Follett .. .. .	..	..	..	..	..	..	..	..	..	..
<b>Wimmera District—</b>										
Lowan .. .. .	..	1	..	..	..	1	4	4	..	..
Borong .. .. .	..	..	..	..	1	16	10	24	..	1
Kara Kara .. .. .	..	..	..	..	..	..	1	1	..	..
<b>Mallee District—</b>										
Millewa .. .. .	..	1	1	5	1	1	..	..	..	..
Weeah .. .. .	..	..	..	..	..	..	..	..	..	..
Karkaroc .. .. .	8	82	34	126	21	76	19	93	..	11
Tatchera .. .. .	3	10	12	24	14	36	39	73	..	3
<b>Northern District—</b>										
Gunbower .. .. .	5	11	24	17	11	17	4	9	..	..
Gladstone .. .. .	..	..	..	..	..	1	..	1	..	..
Bendigo .. .. .	..	1	1	5	14	13	13	13	..	2
Rodney .. .. .	..	1	2	3	7	15	12	16	..	2
Moira .. .. .	5	17	9	31	39	55	16	33	1	6
<b>North-Eastern District—</b>										
Delatite .. .. .	..	..	1	1	..	2	1	10	10	10
Bogong .. .. .	..	1	..	1	2	17	17	16	6	7
Benambra .. .. .	..	..	..	..	..	..	..	..	1	3
Wonnangatta .. .. .	..	..	..	..	..	..	..	..	..	1
<b>Gippsland District—</b>										
Croajingolong .. .. .	..	..	..	..	..	..	..	1	1	2
Tambo .. .. .	..	..	..	..	..	..	..	1	..	..
Dargo .. .. .	..	..	..	1	2	3	1	..	2	2
Tanjil .. .. .	..	..	..	..	..	2	..	4	..	..
Buln Buln .. .. .	..	..	1	..	1	1	..	..	1	3
<b>Total .. .. .</b>	<b>21</b>	<b>125</b>	<b>86</b>	<b>216</b>	<b>519</b>	<b>518</b>	<b>146</b>	<b>344</b>	<b>26</b>	<b>66</b>

**Fruit growing 1947-48 to 1952-53.** The principal fruits grown in the State are apples, pears, peaches, and citrus. The apple and pear crops for the season 1951-52 amounted to 1,579,123 and 2,538,109 bushels respectively.

A considerable quantity of apricots, peaches, and pears is grown, mostly in irrigated areas, for canning purposes. The total output of 2,722,363 cases of canned fruits for the 1952 season comprised apricots, 303,937 cases; peaches (including 165,922 cases of mixed fruits), 1,417,651 cases; and pears, 1,000,775 cases. This output represented 64 per cent. of the total Australian pack of these fruits. In addition to the fruits shown in the subjoined table, large quantities of melons, rhubarb, and tomatoes are produced in orchards. The gross value of all fruit grown in the season 1951-52 was £8,041,625 and in 1952-53, £8,482,854.

## VICTORIA—FRUIT GROWING, 1947-48 TO 1952-53.

	1947-48.	1948-49.	1949-50.	1950-51.	1951-52.	1952-53.
Number of Growers ..	5,941	5,943	5,482	5,541	5,117	4,979
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Area .. ..	71,513	71,746	71,046	69,911	68,715	67,234
Kind of Fruit—	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.
Apples .. ..	1,991,297	1,847,793	810,836	1,987,059	1,579,123	1,962,604
Pears .. ..	1,854,909	2,018,682	1,884,012	2,515,219	2,538,109	2,438,616
Quinces .. ..	81,529	56,431	47,005	60,184	72,755	43,231
Apricots .. ..	563,774	480,365	608,515	387,650	519,190	399,813
Cherries .. ..	57,988	63,284	44,059	59,673	69,919	60,753
Nectarines ..	22,463	26,937	17,940	25,531	8,473	13,223
Peaches .. ..	1,619,066	1,192,953	1,236,733	1,359,951	1,590,702	1,419,969
Plums .. ..	248,226	167,552	151,157	206,085	168,535	166,813
Prunes .. ..	32,289	31,295	17,933	26,287	22,057	26,376
Lemons .. ..	170,385	148,466	142,887	150,934	182,682	154,715
Oranges .. ..	720,581	715,579	638,816	744,930	484,235	579,151
Mandarins ..	19,892	16,456	13,852	16,259	15,784	18,014
Grapefruit ..	52,608	45,734	52,953	44,757	48,610	46,133
Figs .. ..	13,139	9,104	12,825	11,330	7,048	7,740
Passion-fruit	7,415	5,883	6,894	5,878	5,637	6,989
Other Large Fruits	1,510	604	1,142	1,764	1,761	1,776
	Cwt.	Cwt.	Cwt.	Cwt.	Cwt.	Cwt.
Gooseberries ..	2,245	2,528	1,469	1,761	1,841	1,643
Loganberries ..	2,502	3,179	2,528	2,386	2,667	2,213
Raspberries ..	3,243	3,193	3,186	2,947	2,569	2,879
Strawberries ..	4,033	5,013	4,077	5,048	4,799	4,162
	lb.	lb.	lb.	lb.	lb.	lb.
Almonds .. ..	151,428	176,341	146,081	134,656	89,329	128,197
Filberts .. ..	6,934	11,057	18,028	19,536	6,955	8,522
Walnuts .. ..	61,622	69,840	59,109	73,580	148,398	81,464

**Dried fruit  
(exclusive of  
Raisins and  
Currants).**

The production of the various kinds of dried tree-fruits for each of the last five seasons is shown in the following statement. Particulars in respect of dried vine-fruits appear on page 96 :—

VICTORIA—DRIED TREE-FRUITS, 1949-50 TO 1953-54.

Year ended June—	Apples.	Apricots.	Figs.	Necta- rines.	Peaches.	Pears.	Prunes.	Total.
	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.
1950 ..	72	230,771	4,112	28	334,194	133,059	301,865	1,004,101
1951 ..	799	56,000	4,862	1,021	257,600	179,200	448,018	947,500
1952 ..	550	46,450	4,147	363	318,686	105,005	381,135	856,336
1953 ..	200	71,756	5,322	21	189,999	94,684	445,191	807,173
1954 ..	66	177,237	6,687	120	124,280	111,809	688,652	1,108,851

**Vegetable  
growing.**

• Prior to the season 1942-43, statistics relating to vegetable growing were collected only from those market gardeners who cropped an area of 1 acre or more. Only the surface area employed for vegetable growing was tabulated and, as a consequence, due to double-cropping, the actual area utilized was understated. Furthermore, vegetables grown between trees and vines in orchards and vineyards were not recorded.

From the season 1942-43, however, particulars were obtained of all vegetables grown on areas of 1 acre and upwards, including those grown in orchards and vineyards, and allowance was made for double cropping. These changes in practice therefore invalidate any comparison with previous years.

Excluding potatoes and onions, which are shown under separate headings in this issue of the *Year-Book*, the area sown to vegetables in Victoria for the season 1951-52 was 38,130 acres and the gross value of the estimated production therefrom was £10,822,041. The relative figures for 1952-53 were 36,143 acres and £9,713,718.

The areas sown to the different kinds of vegetables were :—

	Acres.			Acres.	
	1951-52	1952-53		1951-52	1952-53
Carrots	2,267	1,917	Beans, Broad	62	56
Parsnips	1,120	988	Peas, green	8,608	8,024
Beetroot	1,025	684	Peas, blue	63	80
Cabbage	2,616	2,379	Asparagus	1,509	1,710
Cauli- flower	3,441	3,581	Brussels Sprouts	877	899
Lettuce	2,136	2,217	Silver beet	51	38
Tomatoes	6,107	6,561	Cucumber	250	256
Pump- kins	2,737	2,543	Marrows	227	186
Turnips	533	408	Melons	528	398
Beans, French	3,089	2,662	Other	884	556

**Minor Crops.** There are other crops cultivated in Victoria in addition to those enumerated on pages 70 to 77. The most important of these are:—Nursery products, cut flowers, sweet corn, mustard, sunflowers, garlic, scent plants, and agricultural seeds.

**Fertilizers.** The following table shows the number of holdings upon which fertilizers were applied and the quantities used in the various seasons. The fertilizer mainly used on wheat areas is "Superphosphate 22 per cent." (reduced to 18 per cent. in July, 1941, and then increased to 19 per cent. in October, 1946, 21 per cent. in December, 1947, and 22 per cent. in September, 1948). It is also used on 90 per cent. of the oat areas fertilized:—

### VICTORIA—ARTIFICIAL FERTILIZERS USED.

Season.	Number of Holdings.	Area Fertilized.	Quantity Used.	
		Acres.	Tons.	
1947-48	Crops .. .. .	30,853	3,769,125	157,816
	Pastures .. .. .	29,056	4,461,025	244,826
1948-49	Crops .. .. .	29,634	3,654,753	158,889
	Pastures .. .. .	31,047	5,513,693	308,801
1949-50	Crops .. .. .	35,418	3,839,023	175,559
	Pastures .. .. .	35,444	6,726,723	374,461
1950-51	Crops .. .. .	30,930	3,616,640	168,891
	Pastures .. .. .	34,284	7,185,111	394,195
1951-52	Crops .. .. .	33,098	3,378,601	163,205
	Pastures .. .. .	34,755	7,453,543	415,817
1952-53	Crops .. .. .	39,839	3,702,344	185,285
	Pastures .. .. .	39,200	7,946,709	434,042
1953-54	Crops .. .. .	33,416	3,555,999	170,168
	Pastures .. .. .	36,782	7,554,522	422,236

**Machinery used on Holdings.** Statistics in respect of most kinds of serviceable farming implements for the year 1950 are shown in the table which follows. From 1951 the collection was confined to milking plants, shearing plants, rotary hoes, and tractors.



VICTORIA—MACHINERY AND IMPLEMENTS IN USE ON  
RURAL HOLDINGS AT 31st MARCH, 1950 TO 1954.

	Number.				
	1950.	1951.	1952.	1953.	1954.
Milking machines—Number of units .. .. .	54,180	60,339	63,066	65,932	70,845
Shearing machines—Number of stands .. .. .	20,485	24,755	26,512	27,455	28,688
Tractors—					
Wheeled type .. .. .	23,235	28,132	33,678	37,484	41,953
Crawler or track type .. .. .	884	926	1,187	1,271	1,214
Ploughs—					
Single furrow .. .. .	32,753				
Multiple furrow .. .. .	43,428				
Cultivators (including scarifiers, harrows)—					
Tandem Disc .. .. .	7,607	} Not collected			
Other Disc .. .. .	14,569	}			
Spring tooth .. .. .	13,996	}			
Rigid time .. .. .	5,120	}			
Scarifiers .. .. .	18,988	}			
Harrows—Number of leaves ..	191,776	}			
Rotary Hoes .. .. .	3,345	3,867	5,235	6,054	7,025
Other .. .. .	1,138	}			
Fertilizer distributors and broadcasters .. .. .	18,935				
Grain drills—					
Combine type .. .. .	16,145				
Other types .. .. .	9,781				
Maize planters .. .. .	2,988*				
Harvesting machinery—					
Headers, strippers, and harvesters .. .. .	14,471	} Not collected			
Binders .. .. .	16,979	}			
Mowers .. .. .	22,059	}			
Hay rakes .. .. .	17,133	}			
Hay pressers and balers .. .. .	3,973	}			
Potato diggers .. .. .	914				
Chaff cutters .. .. .	20,324				
Spraying plants .. .. .	3,428				
Fruit graders .. .. .	920				
Motor trucks, utilities or motor lorries .. .. .	27,838				
Stationary engines .. .. .	39,549				
Electric motors ( $\frac{1}{2}$ h.p. and over)	12,827				

\* Seed Planters.

Information is collected annually as to the number of persons ordinarily engaged in farm work on rural holdings of one acre or more. Persons absent from their farms for the greater portion of the year following other occupations, as well as temporary hands engaged in harvesting, &c., are excluded from the tabulation. In respect of female employees, it is evident that numbers of occupiers misinterpret the questions and wrongly include those who, though they may give some assistance out-doors, are primarily engaged in domestic duties. Particulars for the years 1946-47 to 1953-54 are as follows:—

**Persons  
employed on  
Rural  
Holdings.**

VICTORIA—PERSONS PERMANENTLY ENGAGED ON RURAL HOLDINGS, INCLUDING WORKING PROPRIETORS, ETC., BUT EXCLUDING CASUAL AND SEASONAL WORKERS, 1946-47 TO 1953-54.

Year ending March.	Males.	Females.	Total.
	No.	No.	No.
1947 .. .. .	92,533	8,784	101,317
1948 .. .. .	92,178	7,353	99,531
1949 .. .. .	88,728	6,509	95,237
1950 .. .. .	86,943	7,676	94,619
1951 .. .. .	89,917	6,380	96,297
1952 .. .. .	88,663	5,814	94,477
1953 .. .. .	91,376	7,017	98,393
1954 .. .. .	92,323	6,896	99,219

NOTE.—Information relating to wages of males temporarily employed was collected in addition to the numbers of those permanently engaged. Such wages amounted to £5,058,642, £6,943,195, £7,463,662 and £8,114,226 during the seasons 1950-51, 1951-52, 1952-53 and 1953-54 respectively.

In the next table will be found particulars of the rates of wages paid (with rations) upon rural holdings during 1951-52. The information has been furnished by the occupiers of holdings:—

Rates of Wages—Rural Holdings.

VICTORIA—RATES OF WAGES ON RURAL HOLDINGS, 1951-52.

Occupations.	Prevailing Rate.	Range.	
	£ s. d.	£ s. d.	£ s. d.
Ploughmen .. .. . per week	10 0 0	8 0 0 to	12 0 0
Farm labourers .. .. . per week	10 0 0	7 0 0 to	12 0 0
Threshing machine hands .. .. . per hour	5 0	4 0 to	8 0
Harvest hands .. .. . per day	2 10 0	1 15 0 to	3 10 0
Milkers .. .. . per week	9 0 0	8 0 0 to	10 0 0
Maize pickers (without rations) .. .. . per bag of cobs	3 0		..
Married couples .. .. . per week	12 0 0	10 0 0 to	16 0 0
Female servants .. .. . per week	5 10 0	3 10 0 to	7 0 0
Shearers, hand (without rations) per 100	8 0 0	7 10 0 to	11 0 0
„ machine (without rations) per 100	7 10 0	7 10 0 to	10 10 0
Gardeners, market .. .. . per week	9 0 0		..
„ orchard .. .. . per week	10 0 0	9 0 0 to	10 10 0
Vineyard hands .. .. . per week	10 10 0	9 0 0 to	11 0 0

In recent years legislative provision has been made by both the Commonwealth and State Parliaments for granting financial relief to primary producers. These provisions have been described in previous issues of the *Year-Book*.

Financial Assistance to Primary Producers.

**PASTORAL AND DAIRYING INDUSTRIES.**

**Live Stock.** The pastoral and dairying industries have always been important sources of wealth to the State, and the indications are that both pastures and stock are, on the whole, steadily improving. The next table, which shows the number of horses, dairy cows, other cattle, sheep and pigs, illustrates the progress of stock breeding in Victoria:—

**LIVE STOCK IN VICTORIA, 1861 TO 1954.**

At 1st March—	Horses (including Foals).	Cattle—		Sheep.	Pigs.
		Dairy Cows.*	Other.		
	No.	No.	No.	No.	No.
1861 .. ..	76,536	197,332	525,000	5,780,896	61,259
1871 .. ..	167,220	197,814	523,282	10,761,887	130,946
1881 .. ..	275,516	329,198	957,069	10,360,285	241,936
1891 .. ..	436,469	395,192	1,387,689	12,692,843	282,457
1901 .. ..	392,237	521,612	1,080,772	10,841,790	350,370
1911 .. ..	472,080	668,777	878,792	12,882,665	333,281
1921 .. ..	487,503	620,005	955,154	12,171,084	175,275
1931 .. ..	379,872	669,132	760,788	16,477,995	281,245
1941 .. ..	318,441	942,107	980,229	20,412,362	397,945
1950 at 31st March	200,143	1,036,370	1,194,578	19,161,043	212,901
1951 " " ..	186,415	1,021,249	1,195,004	20,011,933	237,127
1952 " " ..	169,246	993,201	1,221,329	21,537,229	213,670
1953 .. ..	153,662	1,024,303	1,272,905	21,368,196	182,824
1954 .. ..	140,818	1,074,573	1,295,611	21,438,007	232,384

\* Includes cows (in milk and dry), and springing heifers.

While the preceding table shows the actual number of live stock each year, it is difficult to determine the progress or otherwise of the pastoral industry unless the total number of live stock is brought to a common denomination. In the table which follows an arbitrary equivalent of ten sheep to each head of the larger kinds of live stock (omitting pigs) has been adopted and the total live stock grazed expressed as sheep:—

**VICTORIA—LIVE STOCK GRAZED, 1861-1954.**

Year.	Equivalent in Sheep of Live Stock Grazed.	Year.	Equivalent in Sheep of Live Stock Grazed.
	No.		No.
1861 .. ..	13,769,576	1931 .. ..	34,575,915
1871 .. ..	20,335,496	1941 .. ..	42,820,132
1881 .. ..	25,978,115	1950 .. ..	43,471,953
1891 .. ..	34,886,343	1951 .. ..	44,038,613
1901 .. ..	30,788,000	1952 .. ..	45,374,989
1911 .. ..	33,079,155	1953 .. ..	45,876,896
1921 .. ..	32,797,704	1954 .. ..	46,548,027

When making comparisons of the figures in the foregoing table, consideration should be given to the varying acreage under cultivation as shown on page 64.

Size of holdings and numbers of live stock.

A table showing the sizes of holdings and the numbers of live stock thereon as at March, 1948, appears on page 66 of this issue of the *Year-Book*.

Live stock in Australia.

In the following statement are given the numbers of horses, cattle, sheep, and pigs in the various Australian States at 31st March, 1952 and 1953:—

LIVE STOCK IN THE COMMONWEALTH.

1952.

State.	Horses.	Cattle.	Sheep.	Pigs.
	No.	No.	No.	No.
Victoria .. .. .	169,000	2,215,000	21,537,000	214,000
New South Wales .. .. .	311,000	3,621,000	53,676,000	293,000
Queensland .. .. .	289,000	6,435,000	16,164,000	316,000
South Australia .. .. .	63,000	437,000	11,470,000	65,000
Western Australia .. .. .	53,000	852,000	12,188,000	86,000
Tasmania .. .. .	19,000	265,000	2,338,000	47,000
Northern Territory .. .. .	32,000	1,058,000	31,000	} 1,000
Australian Capital Territory	1,000	10,000	243,000	
Total .. .. .	937,000	14,893,000	117,647,000	1,022,000

1953.

State.	Horses.	Cattle.	Sheep.	Pigs.
	No.	No.	No.	No.
Victoria .. .. .	154,000	2,297,000	21,368,000	183,000
New South Wales .. .. .	298,000	3,649,000	57,461,000	299,000
Queensland .. .. .	282,000	6,751,000	17,030,000	336,000
South Australia .. .. .	57,000	483,000	12,037,000	59,000
Western Australia .. .. .	50,000	846,000	12,474,000	76,000
Tasmania .. .. .	18,000	275,000	2,421,000	39,000
Northern Territory .. .. .	35,000	936,000	34,000	} 1,000
Australian Capital Territory	1,000	10,000	247,000	
Total .. .. .	895,000	15,247,000	123,072,000	993,000

Distribution  
of Live Stock.

The next table contains particulars of Live Stock

VICTORIA—DISTRIBUTION

Statistical Districts and Counties.	Dairy Cattle.						
	Horses.	Cows.		Springing Heifers.	Other Heifers for Dairying.	Calves.	Bulls.
		Milking.	Dry.				
	No.	No.	No.	No.	No.	No.	No.
Central District—							
Bourke .. .. .	24,129	25,036	12,103	3,233	3,780	7,008	1,158
Grant .. .. .	7,483	15,360	7,672	2,026	5,485	5,760	1,041
Mornington .. .. .	11,621	80,292	23,244	6,635	20,518	19,536	3,869
Evelyn .. .. .	4,062	8,801	4,316	918	3,917	3,724	579
North-Central District—							
Anglesey .. .. .	2,396	3,117	3,604	865	1,720	1,680	264
Dalhousey .. .. .	2,801	3,145	1,670	468	1,263	1,443	203
Talbot .. .. .	4,781	9,152	3,912	941	3,305	3,637	668
Western District—							
Grenville .. .. .	3,915	9,991	9,225	2,784	4,043	3,298	805
Polwarth .. .. .	2,676	22,193	8,155	3,095	6,657	6,140	1,213
Heytesbury .. .. .	3,196	39,174	14,222	3,302	10,656	9,697	2,043
Hampden .. .. .	4,034	26,523	16,736	3,665	10,045	8,039	1,690
Ripon .. .. .	2,443	3,451	1,997	523	1,412	1,645	385
Villiers .. .. .	4,669	25,264	13,974	4,087	9,034	6,918	1,459
Normanby .. .. .	4,210	14,601	11,506	3,025	5,235	5,990	1,059
Dundas .. .. .	3,106	4,520	4,074	1,481	1,336	2,211	452
Follett .. .. .	1,172	1,671	1,542	494	441	775	110
Wimmera District—							
Lowan .. .. .	3,882	3,896	2,442	723	1,164	1,859	444
Borong .. .. .	4,451	5,432	2,541	701	1,482	2,461	598
Kara Kara .. .. .	2,366	2,114	1,138	202	724	1,031	193
Mallee District—							
Millewa .. .. .	566	379	195	58	61	132	36
Weeah .. .. .	598	769	408	103	137	339	112
Karkaroc .. .. .	3,742	3,249	1,212	332	765	1,355	283
Tatchera .. .. .	3,973	7,770	2,595	1,070	2,509	3,096	570
Northern District—							
Gunbower .. .. .	3,497	24,792	5,527	2,294	7,210	7,925	1,204
Gladstone .. .. .	2,527	2,054	1,074	188	614	1,068	169
Bendigo .. .. .	5,443	12,867	3,866	1,241	3,630	4,624	725
Rodney .. .. .	5,858	39,038	7,264	3,025	11,198	12,273	1,900
Moira .. .. .	9,078	18,505	8,475	3,213	6,543	7,985	1,469
North-Eastern District							
Delatite .. .. .	5,354	12,521	11,993	3,821	5,691	7,934	1,162
Bogong .. .. .	6,291	23,028	18,273	6,016	6,952	11,636	1,555
Benambra .. .. .	3,328	12,101	7,371	1,921	3,535	4,723	629
Wonnangatta .. .. .	315	666	291	89	78	180	35
Gippsland District—							
Croajingolong .. .. .	1,069	6,627	1,546	334	1,989	2,485	347
Tambo .. .. .	1,516	5,114	1,610	423	1,511	2,036	265
Dargo .. .. .	1,295	5,077	1,517	568	2,028	1,886	261
Tanjil .. .. .	4,166	36,661	11,725	4,151	11,204	10,572	1,554
Buln Buln .. .. .	13,237	140,086	30,667	10,377	34,723	37,652	6,460
Total for State .. .. .	169,246	655,127	259,682	78,392	197,595	210,758	36,960

in each County of the State as at March, 1952 :—

OF LIVE STOCK, 1952.

Beef Cattle.				Total Cattle (Dairy and Beef).	Pigs.	Sheep.		
Cows.	Calves (under Twelve Months).	Bulls.	Other Cattle.			Sheep.	Lambs.	Total.
No.	No.	No.	No.	No.	No.	No.	No.	No.
12,659	6,256	381	9,591	86,205	15,360	515,487	108,450	621,937
13,168	7,478	808	8,621	67,419	4,743	712,574	202,485	915,059
25,725	11,385	647	17,260	209,111	14,809	275,709	98,650	374,359
5,093	3,126	216	3,985	34,765	6,268	55,824	18,010	73,834
9,339	5,421	354	9,649	36,013	3,073	448,526	78,726	527,252
4,059	3,026	180	4,383	20,440	1,297	438,094	96,341	534,435
4,512	3,673	242	5,391	35,433	3,373	486,630	156,885	643,515
3,677	2,109	145	5,474	41,551	3,914	683,200	166,216	849,416
5,540	2,924	146	4,937	61,000	8,641	158,838	53,369	212,207
3,405	1,765	159	2,462	86,885	4,231	89,459	33,492	122,951
15,369	8,506	577	13,861	105,011	2,501	837,300	253,794	1,091,094
3,675	2,474	172	2,743	18,477	607	901,840	224,352	1,126,192
20,642	10,730	645	10,937	103,690	1,112	814,975	215,186	1,030,161
11,737	7,795	473	6,701	68,122	3,441	647,578	175,664	823,242
8,455	5,208	374	7,155	35,266	1,080	887,192	207,941	1,095,133
5,772	3,434	239	1,834	16,312	157	228,730	54,446	283,176
2,258	1,850	109	1,182	15,927	1,144	1,217,179	295,235	1,512,414
727	1,242	72	1,806	17,062	3,944	817,191	221,541	1,038,732
1,205	916	60	1,197	8,780	1,080	526,106	142,432	668,538
150	93	10	193	1,307	140	98,079	23,206	121,285
121	171	11	65	2,236	424	115,269	30,297	145,566
621	549	41	701	9,108	2,925	398,952	123,961	522,913
1,869	1,567	67	2,859	23,972	5,739	405,944	144,758	550,702
5,058	4,435	171	6,598	65,214	14,557	339,826	117,265	457,091
528	663	37	922	7,317	1,177	403,324	129,127	532,451
2,754	2,682	93	2,794	35,276	8,584	470,069	170,633	640,702
5,271	4,706	206	5,292	90,173	18,517	535,746	215,585	751,331
8,365	6,949	431	9,379	71,314	12,019	1,007,765	312,721	1,320,486
18,239	11,590	808	22,999	96,758	7,148	655,027	179,440	834,467
21,110	13,251	585	15,897	118,303	12,559	365,363	97,685	463,048
25,355	17,210	1,009	13,816	87,675	5,411	217,718	57,852	275,570
1,931	1,365	88	1,643	6,366	158	45,941	11,478	57,419
4,010	2,658	119	2,198	22,313	3,903	41,966	11,052	53,018
10,060	6,008	283	2,861	30,171	2,319	102,412	29,844	132,256
6,620	3,759	175	4,084	25,975	2,315	81,852	25,547	107,399
17,803	11,501	557	15,570	121,298	4,692	307,546	89,529	397,075
25,222	15,925	849	30,324	332,285	30,308	480,814	149,989	630,803
312,704	194,400	11,539	257,364	2,214,530	213,670	16,816,045	4,721,184	21,537,229

The next table contains particulars of Live Stock  
**Distribution of Live Stock.** **VICTORIA—DISTRIBUTION**

Statistical Districts and Counties.	Dairy Cattle.						
	Horses.	Cows.		Springing Heifers.	Other Heifers for Dairying.	Calves.	Bulls.
		Milking.	Dry.				
	No.	No.	No.	No.	No.	No.	No.
<b>Central District—</b>							
Bourke .. .. .	23,110	25,235	12,336	3,353	8,571	6,730	1,281
Grant .. .. .	6,568	15,677	7,363	1,753	5,839	5,645	1,125
Mornington .. .. .	10,598	82,019	22,068	5,483	20,101	20,006	4,004
Evelyn .. .. .	3,645	9,886	3,510	970	3,889	3,933	686
<b>North-Central District</b>							
Anglesey .. .. .	2,229	3,793	3,205	974	1,413	1,734	283
Dalhousie .. .. .	2,526	3,300	1,595	333	1,332	1,264	240
Talbot .. .. .	4,224	9,602	3,502	935	3,402	3,741	661
<b>Western District—</b>							
Grenville .. .. .	3,651	9,349	9,908	2,194	3,921	3,275	841
Polwarth .. .. .	2,495	21,684	9,860	1,932	6,806	6,379	1,282
Heytesbury .. .. .	3,047	34,084	20,927	3,953	10,107	9,877	2,149
Hampden .. .. .	3,768	25,052	18,746	3,134	9,836	8,599	1,755
Ripon .. .. .	2,142	3,525	1,979	536	1,413	1,700	371
Villiers .. .. .	4,448	21,945	18,023	3,958	8,855	7,552	1,533
Normanby .. .. .	3,820	13,646	14,108	2,859	5,315	6,914	1,235
Dundas .. .. .	2,919	3,641	5,192	1,368	1,382	2,226	416
Follett .. .. .	1,111	1,548	2,052	552	286	1,004	149
<b>Wimmera District</b>							
Lowan .. .. .	3,300	3,961	2,676	904	1,255	2,139	581
Borong .. .. .	3,783	5,513	2,696	789	1,489	2,612	690
Kara Kara .. .. .	1,919	1,987	1,208	263	649	998	205
<b>Mallee District—</b>							
Millewa .. .. .	491	378	176	46	75	162	47
Weeah .. .. .	545	773	436	86	192	370	112
Karkaroc .. .. .	3,263	3,405	1,226	402	697	1,611	312
Tatchera .. .. .	3,413	8,325	2,572	1,254	2,548	3,487	585
<b>Northern District—</b>							
Gunbower .. .. .	3,085	25,937	5,771	2,202	7,156	9,126	1,231
Gladstone .. .. .	2,182	2,063	1,122	295	686	855	208
Bendigo .. .. .	4,709	13,654	3,509	1,561	3,813	4,957	788
Rodney .. .. .	4,822	41,748	8,105	3,948	11,094	13,776	2,078
Moira .. .. .	8,092	22,930	8,295	3,836	7,599	10,681	1,704
<b>North-Eastern District—</b>							
Delatite .. .. .	4,906	15,212	11,111	4,263	5,590	8,162	1,196
Bogong .. .. .	5,938	26,686	17,033	6,817	7,204	11,628	1,622
Benambra .. .. .	3,214	14,065	5,832	2,215	3,286	4,651	631
Wonnangatta .. .. .	300	738	342	83	149	218	42
<b>Gippsland—</b>							
Craigholm .. .. .	1,028	6,120	1,619	473	1,752	1,874	288
Tambo .. .. .	1,422	4,942	1,868	468	1,463	1,811	284
Dargo .. .. .	1,262	5,293	1,417	741	1,873	2,024	285
Tanjil .. .. .	3,790	38,612	11,037	3,527	10,413	10,277	1,619
Buln Buln .. .. .	11,897	146,747	29,761	8,682	31,690	38,275	6,744
<b>Total for State ..</b>	<b>153,662</b>	<b>673,975</b>	<b>273,086</b>	<b>77,242</b>	<b>193,141</b>	<b>220,273</b>	<b>39,263</b>

in each County of the State as at March, 1953 :—

OF LIVE STOCK, 1953.

Beef Cattle.				Total Cattle (Dairy and Beef).	Pigs.	Sheep.		
Cows.	Calves (under Twelve Months).	Bulls.	Other Cattle.			Sheep.	Lambs.	Total.
No.	No.	No.	No.	No.	No.	No.	No.	No.
11,995	5,965	389	9,899	85,754	14,491	509,204	84,807	594,011
13,602	8,044	855	7,899	67,802	4,711	710,479	157,765	868,244
25,669	10,736	641	14,700	207,227	11,525	219,766	61,149	280,915
5,463	3,147	227	4,639	36,350	6,665	46,412	13,222	59,634
9,607	6,002	380	8,621	36,012	1,878	457,494	67,565	525,059
4,908	3,268	247	4,622	21,109	803	459,462	76,072	535,534
4,582	3,816	278	5,332	35,851	2,819	492,228	124,749	616,977
4,684	2,328	150	5,240	41,890	3,073	682,876	144,130	827,006
5,207	2,745	173	4,491	60,559	6,643	144,968	45,621	190,589
3,921	2,068	174	2,736	90,014	3,340	76,689	22,933	99,622
15,723	8,688	641	13,506	105,680	1,874	842,359	247,859	1,090,218
4,623	2,714	188	3,156	20,205	727	946,303	209,252	1,155,555
21,929	13,186	746	11,754	109,481	1,156	852,653	254,843	1,108,996
13,366	9,060	587	8,208	75,398	2,929	682,550	193,651	876,201
10,318	6,808	447	6,923	38,721	1,118	945,626	238,391	1,184,017
6,606	4,079	299	2,335	18,010	154	241,933	56,686	298,619
2,836	2,298	134	1,641	18,425	1,103	1,271,860	315,597	1,587,457
789	1,224	96	1,850	17,748	3,600	831,700	193,434	1,025,134
1,063	941	57	1,349	8,720	972	552,376	128,123	680,499
128	202	14	72	1,300	193	99,347	34,662	134,009
209	200	18	116	2,512	399	118,496	30,762	149,258
668	710	43	685	9,759	2,238	450,736	112,930	563,666
1,891	1,898	71	2,137	24,768	5,087	414,315	109,963	524,278
5,511	4,763	215	6,434	68,346	12,316	347,956	101,137	449,093
521	649	39	815	7,253	994	423,467	110,299	533,766
3,143	2,872	130	3,050	37,477	7,481	491,245	145,465	636,710
6,262	4,961	264	6,120	98,356	15,169	508,988	173,438	682,426
9,414	7,413	543	10,287	82,702	11,998	1,002,363	246,001	1,248,364
20,349	13,011	744	26,532	106,170	5,970	681,072	159,358	840,430
21,824	14,398	734	17,382	125,328	10,312	386,653	83,702	470,355
28,404	18,673	1,014	17,208	95,979	5,040	242,182	53,830	296,012
1,892	1,143	82	1,756	6,445	152	46,218	8,677	54,895
4,239	2,343	139	2,199	21,046	3,459	42,813	8,730	51,543
10,167	5,605	275	3,652	30,535	1,951	107,128	23,675	130,803
6,940	3,802	191	4,118	26,684	1,646	85,073	19,588	104,661
17,949	11,219	589	16,861	122,103	3,750	310,136	78,807	388,943
25,854	16,432	898	29,506	334,589	25,088	410,222	96,475	506,697
332,256	207,429	12,712	267,831	2,297,208	182,824	17,135,348	4,232,848	21,368,196



The next table contains particulars of Live Stock  
**VICTORIA—DISTRIBUTION**

Statistical Districts and Counties.	Horses.	Dairy Cattle.						
		Cows.		Spring- ing Heifers.	Other Heifers for Dairy- ing.	Calves	Bulls.	Other Culled Cows.
		Milk- ing.	Dry.					
No.	No.	No.	No.	No.	No.	No.	No.	
Central District—								
Bourke .. .. .	22,285	25,429	13,097	2,642	8,051	6,902	1,283	577
Grant .. .. .	6,158	16,514	7,187	1,861	5,520	5,797	1,147	312
Mornington .. .. .	9,497	82,179	26,037	7,161	19,596	20,460	4,113	1,017
Evelyn .. .. .	3,518	10,103	4,009	1,107	4,272	3,696	683	341
North-Central District —								
Anglesey .. .. .	2,095	3,827	3,161	861	1,414	1,612	302	177
Dalhousie .. .. .	2,252	3,537	1,799	417	1,277	1,519	276	62
Talbot .. .. .	3,726	9,239	4,480	1,101	3,465	3,932	675	392
Western District—								
Grenville .. .. .	3,309	9,978	9,182	2,155	4,482	3,437	884	156
Polwarth .. .. .	2,272	22,492	10,193	2,919	6,771	7,280	1,315	279
Heytesbury .. .. .	2,842	37,547	18,729	4,797	10,347	9,819	2,176	501
Hampden .. .. .	3,584	24,502	19,900	3,608	10,573	8,715	1,821	349
Ripon .. .. .	1,975	3,538	2,270	511	1,624	1,691	391	142
Villiers .. .. .	4,178	21,653	18,825	4,187	9,399	7,298	1,596	473
Normanby .. .. .	3,568	13,290	15,568	3,273	6,078	6,522	1,263	430
Dundas .. .. .	2,633	3,177	5,421	1,180	1,915	1,913	435	318
Follett .. .. .	1,032	1,188	2,225	600	820	675	140	79
Wimmera District —								
Lowan .. .. .	2,980	4,204	3,109	864	1,549	2,080	597	285
Borong .. .. .	3,274	5,621	2,879	696	1,855	2,778	723	246
Kara Kara .. .. .	1,679	2,087	1,198	261	681	990	204	114
Mallee District—								
Millewa .. .. .	416	382	195	71	102	108	45	43
Weeah .. .. .	382	867	329	72	174	321	96	73
Karkaroo .. .. .	2,591	3,345	1,328	294	728	1,584	317	131
Tatchera .. .. .	2,886	8,616	2,718	1,356	2,656	3,268	537	183
Northern District—								
Gunbower .. .. .	2,874	25,304	7,073	2,236	7,743	8,463	1,270	372
Gladstone .. .. .	1,857	2,087	1,042	240	686	1,045	204	131
Bendigo .. .. .	4,263	15,080	3,617	1,720	3,979	5,212	847	209
Rodney .. .. .	4,237	44,901	9,341	4,814	12,203	14,592	2,249	617
Moira .. .. .	7,297	26,328	10,495	3,761	8,773	11,612	2,044	615
North-Eastern District—								
Delatite .. .. .	4,472	13,633	13,656	4,086	5,530	8,504	1,225	445
Bogong .. .. .	5,463	24,857	20,607	7,076	6,846	11,516	1,715	586
Benambra .. .. .	3,103	13,418	8,515	2,511	3,307	5,031	709	371
Wonnangatta .. .. .	268	581	512	46	208	188	34	49
Gippsland District—								
Craoingolong .. .. .	961	5,942	1,221	424	1,624	2,323	319	75
Tambo .. .. .	1,239	5,822	1,584	582	1,975	2,007	292	114
Dargo .. .. .	1,134	5,446	1,690	718	1,782	2,069	277	104
Tanjil .. .. .	3,516	39,992	12,335	4,061	10,247	11,138	1,736	586
Buln Buln .. .. .	11,002	148,378	36,734	12,959	31,152	39,705	7,011	1,284
Total for State .. .. .	140,818	685,084	302,261	87,228	199,404	225,802	40,951	12,238

in each County of the State as at March, 1954 :—  
OF LIVE STOCK, 1954 :—

Beef Cattle.				Total Cattle (Dairy and Beef).	Pigs.	Sheep.		
Cows.	Calves (under Twelve Month).	Bulls.	Other Cattle.			Sheep.	Lambs.	Total.
No.	No.	No.	No.	No.	No.	No.	No.	No.
12,093	5,673	394	11,748	87,889	17,466	516,539	109,239	625,778
14,248	8,081	735	6,936	68,338	5,518	713,151	189,446	902,597
22,787	10,507	660	13,833	208,350	15,051	232,432	74,607	307,039
5,293	2,894	250	4,202	36,850	10,043	46,505	14,529	61,034
9,756	6,462	362	8,470	36,404	2,649	439,010	73,495	512,505
4,990	3,463	208	4,894	22,442	1,365	455,024	84,716	539,740
4,532	3,444	232	5,822	37,314	3,752	492,649	146,355	639,004
4,266	1,858	158	4,751	41,307	3,803	685,038	144,991	830,029
5,414	2,575	142	3,427	62,807	8,529	143,317	46,721	190,038
3,658	1,932	191	2,841	92,538	4,096	82,456	17,930	100,386
16,486	9,475	668	11,632	107,729	2,511	836,263	220,894	1,057,157
5,223	3,204	235	3,249	22,078	763	981,020	210,321	1,191,341
23,096	13,201	828	12,309	112,865	1,138	864,013	242,928	1,106,941
15,120	8,997	643	9,711	80,895	3,449	725,384	180,601	905,985
11,112	6,578	452	7,451	39,952	1,014	983,773	226,686	1,210,459
6,796	3,531	258	2,334	18,646	198	232,317	55,044	287,361
3,744	2,562	160	2,385	21,539	1,342	1,309,324	283,326	1,592,650
867	860	87	2,194	18,806	3,195	802,983	205,736	1,008,719
1,026	841	46	1,503	8,951	1,001	527,997	126,133	654,130
136	91	18	162	1,353	259	102,563	31,737	134,300
90	85	5	187	2,299	538	115,936	32,522	148,458
972	693	41	1,114	10,547	2,875	379,542	122,448	501,990
1,985	1,602	90	2,110	25,121	6,235	332,957	114,838	447,795
5,531	4,205	219	7,273	69,689	15,583	338,285	111,836	450,121
497	488	35	799	7,254	1,285	398,645	111,936	510,581
3,219	2,578	105	3,519	40,085	8,611	472,455	165,091	638,446
6,491	5,102	284	6,914	107,508	22,097	482,491	188,323	670,819
10,072	7,346	477	11,136	92,659	17,663	1,015,508	306,295	1,321,803
18,628	12,352	745	23,219	102,023	7,815	689,335	163,302	852,637
21,795	13,583	681	17,085	126,347	12,764	377,775	95,853	473,628
28,575	17,619	996	16,330	97,382	5,988	241,543	52,112	293,655
1,943	1,090	81	1,324	6,056	146	43,412	8,680	52,092
4,347	2,622	130	3,173	22,200	4,643	42,137	7,827	49,964
9,648	5,445	294	3,693	31,456	2,603	105,176	29,078	134,254
6,769	4,152	233	4,845	28,085	2,065	87,099	21,415	108,514
18,220	11,823	547	19,119	129,804	5,259	299,380	96,939	396,319
24,448	15,396	880	26,669	344,616	29,072	409,732	120,006	529,738
333,873	202,410	12,570	268,363	2,370,184	232,384	17,003,166	4,434,841	21,438,007

**Dairying.** The dairying industry is one of the principal sources of the wealth of the community. The gross value of dairy produce in the season 1952-53 was £51,864,723 as compared with £47,285,166 in 1951-52 and £35,990,892 in 1950-51. The following table shows the numbers of cow-keepers and cows and the estimated total production of milk for each of the last five years:—

VICTORIA—DAIRYING, 1949-50 TO 1953-54.

As at 31st March—	Number of Cow-keepers.	Number of Dairy Cows.*	Estimated Total Production of Milk for all Purposes (Year ended 30th June).
			'000 Gallons.
1950 .. .. .	Not tabulated	1,036,370	469,253
1951 .. .. .	51,497	1,021,249	445,671
1952 .. .. .	50,635	993,201	446,818
1953 .. .. .	50,492	1,024,303	436,417
1954 .. .. .	50,402	1,074,573	472,296

\* Includes Cows (in milk and dry) and Springing Heifers.

**Butter, Cheese, Condensed Milk and Casein.** The quantities of butter, cheese, condensed and powdered milk, &c., and casein made during the last five years were as follow:—

VICTORIA—BUTTER, CHEESE, CONDENSED AND POWDERED MILK, CASEIN MADE, ETC., 1948-49 TO 1952-53.

Year Ended 30th June—	Butter.*	Cheese.*	Condensed and Full-Cream Powdered Milk.	Casein.	Other Milk Products and By-Products
	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000 lb.
1949 .. .. .	136,946	41,163	116,141	6,359	37,271
1950 .. .. .	144,827	47,492	122,997	7,077	39,889
1951 .. .. .	132,263	50,573	116,255	8,657	41,238
1952 .. .. .	135,167	49,852	115,081	8,436	63,896
1953 .. .. .	128,072	49,495	120,664	4,817	70,056

\* Including that made on farms.

## AUSTRALIA—MILK PRODUCTION.

**Australian  
Milk  
Production.**

Victoria is the principal milk-producing State, and in 1952-53 the Victorian output (436·4 million gallons) represented 35·8 per cent. of the Australian production. The statistics over the last five years are as follow:—

## PRODUCTION OF WHOLE MILK.

('000 gallons.)

Period.	Victoria.	New South Wales	Queensland	South Australia	Western Australia.	Tasmania.	Aust. Cap. Terr.	Total.
1949-50 ..	469,253	311,580	281,125	89,388	49,476	40,243	694	1,241,759
1950-51 ..	445,671	298,159	278,111	83,545	52,407	41,136	687	1,199,716
1951-52 ..	446,818	241,209	181,148	86,482	48,937	46,100	593	1,051,287
1952-53 ..	436,417	317,385	285,757	84,249	49,830	44,269	688	1,218,595
1953-54 ..	472,296	277,747	251,010	85,584	50,582	52,415	781	1,190,415

**Numbers and  
Sizes of  
Dairy Herds.**

The following table shows the number of dairy herds in Victoria, grouped, according to size, for each of the four years, 1951-54:—

## VICTORIA—DAIRY HERDS, CONTAINING FIVE COWS OR MORE, GROUPED ACCORDING TO SIZE.

As at March—	Number of Herds.							Total.
	5 to 9 Cows.	10 to 14 Cows.	15 to 19 Cows.	20 to 29 Cows.	30 to 49 Cows.	50 to 99 Cows.	100 and Over.	
1951 ..	6,703	2,944	2,021	3,741	6,779	5,780	874	28,842
1952 ..	6,395	2,775	1,959	3,666	6,601	5,698	816	27,910
1953 ..	6,563	2,952	2,004	3,683	6,858	5,863	874	28,797
1954 ..	6,421	3,058	1,969	3,816	7,020	6,410	913	29,607

The numbers of farmers with less than five cows were:—22,655 in 1951, 22,725 in 1952, 21,695 in 1953, and 20,795 in 1954. These numbers were excluded from the foregoing table as the groups were considered too small to be classed as dairy herds.

**Regulation,  
Control and  
Distribution  
of the  
Metropolitan  
Milk Supply.**

Information in respect of the regulation, control, and distribution of the Metropolitan Milk Supply appears on pages 335 to 337 of the 1943-44 *Year-Book*.

**Herds of Dairy Cattle.** In the following table, dairy cattle (as distinct from into herds which are depastured on the differently sized

## HERDS OF DAIRY CATTLE IN

Total Area of Holding.  Acres.	Total in Victoria.				Size of Herd.			
	Herds.		Dairy Cattle.		Number. 1 to 4.		Number. 5 to 9.	
	No.	Percentage to Total.	No.	Percentage to Total.	Herds.	Dairy Cattle.	Herds.	Dairy Cattle.
Under 10 .. ..	1,880	3.54	7,096	0.47	1,418	2,954	338	2,125
10 and under 25	3,832	7.21	22,393	1.48	2,313	4,610	767	5,128
25 " 50	3,694	6.95	44,053	2.92	1,586	3,190	533	3,601
50 " 100	6,167	11.60	175,426	11.62	1,188	2,636	628	4,256
100 " 150	5,742	10.80	243,961	16.17	645	1,475	444	3,008
150 " 250	7,369	13.86	366,369	24.28	874	2,077	563	3,769
250 " 500	8,838	16.62	365,681	24.23	2,026	5,011	1,271	8,512
500 " 750	5,396	10.15	124,624	8.26	1,951	5,034	1,338	8,817
750 " 1,000	2,999	5.64	51,262	3.40	1,206	3,149	825	5,464
1,000 " 1,500	3,299	6.21	47,583	3.15	1,409	3,627	1,018	6,732
1,500 " 2,500	2,332	4.39	32,513	2.15	1,047	2,772	710	4,698
2,500 " 5,000	1,129	2.12	16,277	1.08	461	1,218	353	2,336
5,000 " 10,000	347	0.65	7,031	0.47	89	233	110	719
10,000 " 20,000	92	0.17	1,886	0.13	27	69	21	135
20,000 and over ..	46	0.09	2,873	0.19	18	46	10	65
Totals .. ..	53,162	100.00	1,509,028	100.00	16,258	38,101	8,929	59,365

**Pigs.** The numbers of pigs in Victoria at 31st March, 1952, About 75 per cent. of these are held in the Central, to dairying. The following tables show classifications (in counties)

dairy cows shown in the table on page 119), have been classified holdings as set out:—

## VICTORIA AS AT MARCH, 1950.

Size of Herd—*continue*?

Number. 10 to 14.		Number. 15 to 19.		Number. 20 to 29.		Number. 30 to 49.		Number. 50 to 99.		Number. 100 and over.	
Herds.	Dairy Cattle.	Herds.	Dairy Cattle.	Herds.	Dairy Cattle.	Herds.	Dairy Cattle.	Herds.	Dairy Cattle.	Herds.	Dairy Cattle.
No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
79	892	24	397	12	285	5	179	4	264	..	..
375	4,401	198	3,337	131	3,054	41	1,477	7	386	..	..
380	4,520	339	5,733	463	11,112	330	12,071	62	3,722	1	104
440	5,265	401	6,818	744	18,099	1,596	62,365	1,140	72,557	30	3,430
248	2,948	263	4,476	518	12,669	1,267	50,850	2,166	146,442	191	22,093
361	4,267	299	5,174	547	13,372	1,137	45,112	2,879	207,028	709	85,570
658	7,760	395	6,630	577	13,973	907	35,562	1,845	132,560	1,159	155,673
507	5,896	238	3,949	268	6,388	310	12,043	463	33,224	321	49,273
303	3,532	140	2,347	116	2,734	125	4,714	181	13,207	103	16,115
342	3,920	115	1,906	108	2,543	79	2,937	116	8,233	112	17,685
243	2,815	86	1,430	69	1,589	61	2,368	57	4,164	59	12,677
121	1,424	58	949	53	1,247	21	774	31	2,320	31	6,009
57	665	23	378	31	716	13	474	12	866	12	2,980
11	130	15	249	4	98	8	327	3	223	3	655
4	48	2	33	2	45	2	75	2	132	6	2,429
4,129	48,483	2,596	43,806	3,643	87,924	5,902	231,328	8,968	625,328	2,737	374,693

1953, and 1954 were 213,670, 182,824, and 232,384 respectively. Western, Northern, and Gippsland districts which are so largely devoted of pigs together with the numbers of pig-keepers:—

## VICTORIA—PIGS AND PIG-KEEPERS—MARCH 31st, 1952.

Districts and Counties.	Boars.	Breeding Sows.	All Other.	Total Pigs.	Pig-Owners.
	No.	No.	No.	No.	No.
<b>Central District—</b>					
Bourke .. ..	169	1,450	13,741	15,360	212
Grant .. ..	133	635	3,975	4,743	294
Mornington .. ..	377	2,273	12,159	14,809	657
Evelyn .. ..	174	1,032	5,062	6,268	327
<b>North-Central District—</b>					
Anglesey .. ..	84	451	2,538	3,073	122
Dalhousie .. ..	29	108	1,160	1,297	75
Talbot .. ..	98	464	2,811	3,373	274
<b>Western District—</b>					
Grenville .. ..	72	346	3,496	3,914	147
Polwarth .. ..	264	1,185	7,192	8,641	380
Heytesbury .. ..	133	630	3,468	4,231	197
Hampden .. ..	61	335	2,105	2,501	99
Ripon .. ..	22	77	508	607	36
Villiers .. ..	36	203	873	1,112	83
Normanby .. ..	113	534	2,794	3,441	273
Dundas .. ..	32	141	907	1,080	101
Follett .. ..	5	35	117	157	13
<b>Wimmera District—</b>					
Lowan .. ..	56	155	933	1,144	284
Borong .. ..	138	502	3,304	3,944	477
Kara Kara .. ..	30	143	907	1,080	101
<b>Mallee District—</b>					
Millewa .. ..	8	25	107	140	24
Weeah .. ..	16	87	321	424	65
Karkaroc .. ..	74	425	2,426	2,925	207
Tatchera .. ..	139	653	4,947	5,739	328
<b>Northern District—</b>					
Gunbower .. ..	364	1,915	12,278	14,557	554
Gladstone .. ..	37	156	984	1,177	110
Bendigo .. ..	179	1,032	7,373	8,584	328
Rodney .. ..	371	2,298	15,848	18,517	697
Moira .. ..	314	1,645	10,060	12,019	578
<b>North-Eastern District—</b>					
Delatite .. ..	206	986	5,956	7,148	389
Bogong .. ..	328	1,729	10,502	12,559	622
Benambra .. ..	155	701	4,555	5,411	246
Wonnangatta .. ..	7	25	126	158	28

VICTORIA—PIGS AND PIG-KEEPERS—MARCH 31ST, 1952—*continued.*

Districts and Counties.	Boars.	Breeding Sows.	All Other.	Total Pigs.	Pig-Owners.
	No.	No.	No.	No.	No.
Gippsland District—					
Croajingolong ..	83	712	3,108	3,903	115
Tambo .. ..	117	353	1,849	2,319	135
Dargo .. ..	72	350	1,893	2,315	137
Tanjil .. ..	125	648	3,919	4,692	231
Buln Buln .. ..	739	4,185	25,384	30,308	1,418
Total for State ..	5,360	28,624	179,686	213,670	10,359*

\* Of this number 3,322 had herds of under 5 pigs, 1,533 herds of 5 and under 10 pigs, 2132 herds of 10 and under 20 pigs, and 3,372 herds of 20 pigs and over.

## VICTORIA—PIGS AND PIG-KEEPERS—MARCH 31ST, 1953.

Districts and Counties.	Boars.	Breeding Sows.	All Other.	Total Pigs.	Pig-Owners.
	No.	No.	No.	No.	No.
Central District—					
Bourke .. ..	165	1,580	12,746	14,491	192
Grant .. ..	150	652	3,909	4,711	283
Mornington ..	396	1,865	9,264	11,525	635
Evelyn .. ..	186	1,154	5,325	6,665	316
North Central-District—					
Anglesey .. ..	60	324	1,494	1,878	108
Dalhousie .. ..	20	107	676	803	67
Talbot .. ..	87	408	2,324	2,819	243



VICTORIA—PIGS AND PIG-KEEPERS—MARCH 31ST, 1953—*continued.*

Districts and Counties.	Boars.	Breeding Sows.	All Other.	Total Pigs.	Pig-Owners.
	No.	No.	No.	No.	No.
<b>Western District—</b>					
Grenville .. .. .	55	267	2,751	3,073	126
Polwarth .. .. .	195	999	5,449	6,643	346
Heytesbury .. .. .	137	565	2,638	3,340	192
Hampden .. .. .	58	289	1,527	1,874	98
Ripon .. .. .	22	80	625	727	45
Villiers .. .. .	34	169	953	1,156	77
Normanby .. .. .	101	445	2,383	2,929	267
Dundas .. .. .	34	149	935	1,118	104
Follett .. .. .	7	25	122	154	18
<b>Wimmera District—</b>					
Lowan .. .. .	60	159	884	1,103	273
Borong .. .. .	130	476	2,994	3,600	427
Kara Kara .. .. .	24	128	820	972	91
<b>Mallee District.—</b>					
Millewa .. .. .	13	36	144	193	30
Weeah .. .. .	19	91	289	399	66
Karkaroc .. .. .	64	350	1,824	2,238	222
Tatchera .. .. .	130	650	4,307	5,087	321
<b>Northern District—</b>					
Gunbower .. .. .	365	1,853	10,098	12,316	525
Gladstone .. .. .	26	172	796	994	105
Bendigo .. .. .	166	949	6,366	7,481	326
Rodney .. .. .	392	2,092	12,685	15,169	618
Moira .. .. .	336	1,830	9,832	11,998	593
<b>North-Eastern District—</b>					
Delatite .. .. .	193	913	4,864	5,970	391
Bogong .. .. .	323	1,642	8,347	10,312	578
Benambra .. .. .	130	666	4,244	5,040	224
Wonnangatta .. .. .	8	48	96	152	19
<b>Gippsland District—</b>					
Craajingolong .. .. .	83	625	2,751	3,459	113
Tambo .. .. .	89	303	1,559	1,951	128
Dargo .. .. .	42	251	1,353	1,646	124
Tanjil .. .. .	108	631	3,011	3,750	198
Buln Buln .. .. .	719	3,613	20,756	25,088	1,291
<b>Total for State</b> .. .. .	<b>5,127</b>	<b>26,556</b>	<b>151,141</b>	<b>182,824</b>	<b>9,780*</b>

\* Of this number 3,275 had herds of under 5 pigs, 1,634 herds of 5 and under 10 pigs, 2,057 herds of 10 and under 20 pigs, and 2,814 herds of 20 pigs and over.

VICTORIA—PIGS AND PIG-KEEPERS—MARCH 31st, 1954.

Districts and Counties.	Boars.	Breeding Sows.	All Other.	Total Pigs.	Pig-Owners.
	No.	No.	No.	No.	No.
<b>Central District—</b>					
Bourke .. ..	254	1,927	15,285	17,466	251
Grant .. ..	135	860	4,523	5,518	308
Mornington ..	439	2,480	12,132	15,051	700
Evelyn .. ..	240	1,893	7,910	10,043	396
<b>North-Central District—</b>					
Anglesey .. ..	70	424	2,155	2,649	135
Dalhousie .. ..	25	141	1,199	1,365	75
Talbot .. ..	106	583	3,063	3,752	287
<b>Western District—</b>					
Grenville .. ..	64	420	3,319	3,803	148
Polwarth .. ..	215	1,447	6,867	8,529	395
Heytesbury ..	147	788	3,161	4,096	186
Hampden .. ..	74	414	2,023	2,511	105
Ripon .. ..	22	105	636	763	48
Villiers .. ..	32	180	926	1,138	81
Normanby .. ..	125	605	2,719	3,449	314
Dundas .. ..	34	163	817	1,014	97
Follett .. ..	8	43	147	198	22
<b>Wimmera District—</b>					
Lowan .. ..	68	240	1,034	1,342	273
Borong .. ..	130	549	2,516	3,195	424
Kara Kara .. ..	28	150	823	1,001	104
<b>Mallee District</b>					
Millewa .. ..	15	52	192	259	33
Weeah .. ..	22	106	410	538	59
Karkaroc .. ..	99	490	2,286	2,875	275
Tatchera .. ..	166	951	5,118	6,235	360
<b>Northern District—</b>					
Gunbower .. ..	432	2,523	12,628	15,583	563
Gladstone .. ..	40	207	1,038	1,285	126
Bendigo .. ..	193	1,222	7,196	8,611	345
Rodney .. ..	509	3,596	17,992	22,097	701
Moira .. ..	484	3,112	14,067	17,663	739
<b>North-Eastern District—</b>					
Delatite .. ..	233	1,468	6,114	7,815	437
Bogong .. ..	363	2,226	10,175	12,764	631
Benambra .. ..	167	1,006	4,815	5,988	261
Wonnangatta ..	6	28	112	146	14
<b>Gippsland District—</b>					
Croajingolong ..	88	719	3,836	4,643	111
Tambo .. ..	76	477	2,050	2,603	143
Dargo .. ..	68	421	1,576	2,065	139
Tanjil .. ..	132	873	4,254	5,259	223
Buln Buln .. ..	788	5,022	23,262	29,072	1,344
<b>Total for State ..</b>	<b>6,097</b>	<b>37,911</b>	<b>188,376</b>	<b>232,384</b>	<b>10,853*</b>

\* Of this number 3,330 had herds of under 5 pigs, 1,727 herds of 5 and under 10 pigs, 2,266 herds of 10 and under 20 pigs, and 3,530 herds of 20 pigs, and over.

The following tabulation shows the number of dairy herds (in size groups) separated into those where pigs are held in conjunction therewith, and those where no pigs are held. The sizes of pig herds are also shown:—

VICTORIA—PIG-KEEPING IN CONJUNCTION WITH DAIRYING  
AS AT MARCH, 1948.

Size of Dairy Cattle Herd.	Size of Pig Herd.								Holdings with Pigs.	Holdings with no Pigs.	Holdings with Dairy Cattle.
	Number. 1-4.	Number. 5-9.	Number. 10-14.	Number. 15-19.	Number. 20-29.	Number. 30-49.	Number. 50-99.	Number. 100 and over.			
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
1-4 ..	786	119	90	56	56	49	39	35	1,230	15,103	16,333
5-9 ..	1,037	191	122	62	77	68	42	19	1,618	7,547	9,165
10-14 ..	628	126	114	26	64	39	30	11	1,038	3,409	4,447
15-19 ..	355	132	94	52	53	33	15	6	740	2,044	2,784
20-29 ..	506	270	182	102	115	66	20	9	1,270	2,677	3,947
30-49 ..	529	610	425	293	336	213	57	16	2,479	3,631	6,110
50-99 ..	333	499	575	483	769	770	324	49	3,802	4,527	8,329
100 and over	61	47	92	86	177	308	253	73	1,097	1,407	2,504
Totals ..	4,235	1,994	1,694	1,160	1,647	1,546	780	218	13,274	40,345	53,619

**Sheep.** The numbers of sheep in Victoria in various years since 1861 are shown in the table on page 110. Sheep are depastured in practically all districts of the State, but are relatively more numerous in the Wimmera, Western, and Northern districts. The distribution of all live stock is shown in tables on pages 112 to 117.

Factors such as seasonal conditions, prices of wool, mutton, and lamb and, to a less degree, wheat, affect the number of sheep in the State in any given year. In an adverse season flocks may be reduced by mortality due to lack of fodder or water, by the increase in the slaughtering of fat stock or by the decrease in lambing. Decreased imports from other States is another factor. In addition to the seasonal movements of sheep from New South Wales and South Australia for agistment, there is a regular importation of sheep from those States for slaughtering purposes.

**Lambing.** Climatical conditions also play a large part in determining the proportion of lambs dropped to ewes mated, and thus the natural increase from season to season may vary considerably. The following table shows the numbers of ewes mated and lambs dropped, in each of the six years 1948 to 1953:—

## VICTORIA—LAMBING, 1948 TO 1953.

Season.	Lambs Marked.	Ewes Mated to produce such Lambs.	Proportion of Lambs Marked to Ewes Mated
	No.	No.	%
1948 .. .. .	7,086,955	8,623,790	82·2
1949 .. .. .	6,995,650	8,558,079	81·7
1950 .. .. .	7,063,583	8,613,812	82·0
1951 .. .. .	7,054,934	8,908,544	79·2
1952 .. .. .	7,118,392	9,131,780	78·0
1953 .. .. .	6,969,950	9,256,489	75·3

**Flocks of Sheep in Districts.** The following table contains a classification of the flocks of sheep in each district of Victoria as at March, 1948. Sheep travelling on roads or located in cities or towns are excluded. The classification discloses that, although the four groups with sheep under 500 comprise 63·28 per cent. of the owners, the number of sheep in those groups was only 21·44 per cent. of the total sheep in the State.

## FLOCKS OF SHEEP IN

Size of Flock.	Total in Victoria.				Districts.			
	Flocks.		Sheep.		Central.		North-Central.	
	No.	Percentage to Total.	No.	Percentage to Total.	Flocks.	Sheep.	Flocks.	Sheep.
Under 50 .. ..	3,147	10.78	71,156	0.40	448	10,167	202	5,178
50 and under 100	2,106	7.22	153,219	0.86	274	20,968	209	14,923
100 ,, 250	6,144	21.05	1,040,000	5.82	750	125,004	520	38,433
250 ,, 500	7,069	24.23	2,568,710	14.37	702	252,439	635	231,130
500 ,, 1,000	6,184	21.19	4,296,458	24.03	509	355,229	577	404,753
1,000 ,, 2,000	3,150	10.79	4,277,266	23.93	259	355,453	259	355,465
2,000 ,, 5,000	1,115	3.82	3,198,694	17.89	80	236,904	105	287,993
5,000 ,, 10,000	207	0.71	1,387,366	7.76	12	78,434	12	81,236
10,000 ,, 20,000	52	0.18	645,666	3.61	5	64,553	3	38,622
20,000 and over ..	9	0.03	238,127	1.33	..	..	..	..
Totals .. ..	29,183	100.00	17,876,662	100.00	3,039	1,499,151	2,522	1,507,733

Breeds of Sheep as at March, 1953.

Although the principal breed of sheep in the State is the "Merino", the percentage of pure Merino sheep, at the 31st March, 1953, was only 39 as compared with 76 in New South Wales. In 1950 the percentages were 36 in Victoria and 75 in New South Wales.

The method of collecting particulars of breeds was changed considerably in 1950 and, apart from Merinos, all comparison with breeds of previous years is nullified. Merino Comebacks were previously collected as a whole, irrespective of whether they were fine or coarse. The 1950 collection made provision for segregating those "finer than half-bred" while those not up to that standard were included with other crossbreds.

Similarly, it cannot be determined if any increase in the numbers of other Pure Breeds (British and Australasian) has occurred as another very important change in method was the substitution of the category "Other Recognized Breeds" in place of the former category "Other Pure Breeds". Other Pure Breeds in 1947 numbered 1,407,349 whereas in 1953 Other Recognized Breeds numbered

## VICTORIA AS AT MARCH, 1948.

Districts—continued.

Western.		Wimmera.		Mallee.		Northern.		North-Eastern.		Gippsland.	
Flocks.	Sheep.	Flocks.	Sheep.	Flocks.	Sheep.	Flocks.	Sheep.	Flocks.	Sheep.	Flocks.	Sheep.
No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
818	17,033	236	8,117	108	2,814	326	7,735	460	9,630	499	10,482
374	27,320	335	24,471	144	10,564	341	24,779	202	14,029	227	16,165
759	123,278	1,060	182,699	735	127,135	1,369	233,210	501	84,348	450	75,893
855	316,801	1,164	432,575	939	336,768	1,724	619,148	611	222,187	439	157,662
1,220	886,174	1,016	689,506	581	382,945	1,282	885,199	612	432,320	378	260,332
961	1,315,420	464	632,706	140	180,274	524	700,848	312	424,114	231	312,986
490	1,456,109	180	500,750	32	83,744	98	277,631	65	179,459	65	176,104
130	876,260	25	173,183	3	22,322	10	63,958	7	41,069	8	45,004
36	449,696	5	58,734	..	..	2	22,601	1	11,460	..	..
7	192,825	..	..	1	21,602	1	23,700	..	..	..	..
5,659	5,660,916	4,535	2,702,741	2,683	1,168,168	5,677	2,863,809	2,771	1,418,616	2,297	1,055,523

5,220,326. Crossbreds, which numbered 6,923,603 in 1947 dropped to 5,625,483 in 1953 notwithstanding the inclusion of half-bred and coarser Merino Comebacks.

Australasian breeds are the Polwarth and the Corriedale. The Polwarth is a Merino-Lincoln cross (approximately three-quarters Merino and one-quarter Lincoln). It was evolved to meet the conditions of light wool-growing localities found to be too wet and cold for the pure Merino. The Corriedale was evolved by heavily culling the progeny of Lincoln rams and Merino ewes and by judicious mating over several years. The Corriedale is a dual purpose sheep, being favoured by many breeders both for lamb raising and for wool production.

Tables showing the breeds of sheep in Victoria and in Australia appear on page 136 of this issue of the *Year-Book*.

The following tables set out the numbers of rams, ewes, wethers and lambs depastured on rural holdings in each county of the State as at March, 1952, 1953, and 1954, also the numbers of ewes mated, classified according to whether the progeny is intended for wool or for fat lamb production. The breeds of rams are also shown.

Rams, Ewes,  
&c., in  
Counties at  
March, 1952,  
1953, and  
1954.

VICTORIA — RAMS, EWES, ETC.; EWES MATED;  
OF TRAVELLING SHEEP AND SHEEP

Statistical Districts and Counties.	Ewes.			Wethers.	Lams.	Total Sheep and Lams.
	Rams.	Breeding.				
		(Mated and not mated.)	Other.			
No.	No.	No.	No.	No.	No.	
<b>Central District—</b>						
Bourke .. ..	7,557	292,841	30,492	184,597	106,450	621,937
Grant .. ..	9,597	405,064	52,503	245,410	202,485	915,059
Mornington .. ..	5,330	203,974	15,482	50,923	98,650	374,359
Evelyn .. ..	1,149	35,668	3,266	15,741	18,010	73,834
<b>North-Central District—</b>						
Anglesey .. ..	4,942	203,890	20,234	219,460	78,726	527,252
Dalhousie .. ..	5,045	216,396	22,305	194,348	96,341	534,435
Talbot .. ..	8,693	307,903	24,068	145,966	156,885	643,515
<b>Western District—</b>						
Grenville .. ..	12,006	338,476	60,815	271,903	166,216	849,416
Polwarth .. ..	3,097	97,246	12,750	45,745	53,369	212,207
Heytesbury .. ..	1,686	74,877	3,234	9,662	33,492	122,951
Hampden .. ..	15,391	482,800	62,092	277,017	253,794	1,091,094
Ripon .. ..	13,446	412,444	97,596	378,354	224,352	1,126,192
Villiers .. ..	11,993	431,045	64,308	307,629	215,186	1,030,161
Normanby .. ..	7,454	310,044	52,283	277,797	175,664	823,242
Dundas .. ..	9,786	419,832	73,718	383,856	207,941	1,095,133
Follett .. ..	2,464	95,240	13,936	117,090	54,446	283,176
<b>Wimmera District—</b>						
Powan .. ..	13,996	579,531	85,310	538,342	295,235	1,512,414
Borong .. ..	11,028	443,010	52,233	310,920	221,541	1,038,732
Kara Kara .. ..	8,176	273,446	41,281	203,203	142,432	668,538
<b>Mallee District—</b>						
Millewa .. ..	1,380	64,743	2,080	29,876	23,206	121,285
Weeah .. ..	1,514	81,139	781	31,835	30,297	145,566
Karkaroc .. ..	5,937	287,173	5,477	100,365	123,961	522,913
Tatchera .. ..	6,407	320,817	4,726	73,994	144,758	550,702
<b>Northern District—</b>						
Gunbower .. ..	6,503	258,633	9,714	64,976	117,265	457,091
Gladstone .. ..	5,535	236,754	23,686	137,349	129,127	532,451
Bendigo .. ..	8,131	326,694	12,452	122,792	170,633	640,702
Rodney .. ..	10,162	407,797	14,034	103,753	215,585	751,331
Molra .. ..	18,463	759,600	19,548	210,154	312,721	1,320,486
<b>North-Eastern District—</b>						
Delatite .. ..	10,408	433,954	19,185	191,480	179,440	834,467
Bogong .. ..	6,014	256,487	18,109	84,753	97,685	463,048
Benambra .. ..	2,857	122,303	10,149	82,409	57,852	275,570
Wonnangatta .. ..	498	24,284	2,961	18,198	11,478	57,419
<b>Gippsland District—</b>						
Croajingolong .. ..	435	21,495	4,507	15,529	11,052	53,018
Tambo .. ..	1,417	65,447	4,706	30,842	29,844	132,256
Dargo .. ..	885	46,257	6,410	28,300	25,547	107,399
Tanjil .. ..	3,694	166,376	19,740	117,736	89,529	397,075
Buin Buln .. ..	6,205	279,260	28,560	166,789	149,989	630,803
<b>Total .. ..</b>	<b>249,281</b>	<b>9,782,940</b>	<b>994,731</b>	<b>5,789,093</b>	<b>4,721,184</b>	<b>21,537,229</b>

BREEDS OF RAMS IN EACH COUNTY (EXCLUSIVE  
IN TOWNS) AS AT MARCH, 1952.

Ewes Mated (for Lambing during Season 1952).		Breeds of Rams (as at March, 1952).						
To Merino, Corriedale or Polwarth Rams (Wool Production).	To Rams of British Breeds (Fat-lamb Production).	Merino.	Corriedale.	Polwarth.	Border Leicester.	Dorset Horn.	South-down.	Other.
No.	No.	No.	No.	No.	No.	No.	No.	No.
62,049	216,607	316	1,226	245	605	3,019	1,134	1,012
221,309	153,834	2,648	2,070	949	1,026	1,914	227	763
18,802	173,670	63	743	16	375	906	1,773	1,454
10,809	22,906	38	393	91	59	126	214	228
96,961	92,864	1,443	961	166	99	577	1,278	418
95,685	101,442	1,752	679	79	557	1,205	517	256
165,869	121,230	3,469	1,907	114	1,160	1,143	107	793
242,832	60,722	7,741	1,549	1,220	344	691	111	350
45,620	46,574	43	374	1,574	121	119	271	595
2,447	71,093	2	39	36	42	129	1,039	399
359,573	79,080	6,870	3,415	3,061	179	694	382	790
326,970	34,538	11,733	678	276	154	355	88	162
325,051	58,847	6,100	2,953	1,590	236	276	162	676
227,894	55,038	2,797	2,560	476	148	390	211	872
331,727	46,878	5,577	2,475	358	99	547	150	580
53,082	37,419	483	719	111	116	316	78	641
435,223	86,714	9,864	1,954	115	224	684	91	1,064
269,912	149,893	5,325	1,951	93	1,490	1,432	123	614
169,333	78,290	5,528	612	163	1,099	629	20	125
52,132	9,799	1,061	154	4	69	74	..	18
45,613	34,666	380	512	37	238	294	39	14
64,921	218,532	515	922	32	2,487	1,729	17	235
59,701	255,169	558	661	41	3,607	1,052	82	406
86,488	162,867	1,464	964	84	1,705	1,638	86	562
143,933	78,857	2,894	791	35	1,288	340	39	148
116,012	198,074	2,295	1,219	61	2,712	1,383	93	368
84,869	308,942	627	1,543	62	2,678	3,029	1,141	1,082
176,419	564,232	1,149	3,181	119	4,234	4,899	3,602	1,279
180,363	233,703	2,107	1,892	381	1,657	1,196	1,522	1,653
77,299	166,784	830	841	188	2,254	557	793	641
65,596	47,450	954	544	153	245	446	155	360
15,655	6,095	91	139	109	27	25	14	93
11,656	6,182	226	51	..	55	12	..	91
41,479	17,417	572	315	132	130	40	34	194
24,687	15,417	328	194	20	117	57	20	149
88,257	59,405	1,534	436	203	94	762	131	534
77,165	187,157	789	1,072	9	660	1,579	1,045	1,051
4,873,393	4,258,387	90,166	42,689	12,403	32,390	34,264	16,699	20,670



**VICTORIA — RAMS, EWES, ETC.; EWES MATED;  
OF TRAVELLING SHEEP AND SHEEP**

Statistical Districts and Counties.	Rams.	Ewes.		Wethers.	Lambs.	Total Sheep and Lambs.
		Breeding. (Mated and not mated.)	Other.			
		No.	No.			
<b>Central District—</b>						
Bourke .. .. .	8,163	290,684	26,624	183,733	84,807	594,011
Grant .. .. .	9,304	403,224	50,376	247,575	157,765	868,244
Mornington .. .. .	5,092	175,560	7,560	31,554	61,149	280,915
Evelyn .. .. .	710	29,045	3,121	13,536	13,222	59,634
<b>North-Central District—</b>						
Anglesey .. .. .	4,812	205,886	17,638	229,158	67,565	525,059
Dalhousie .. .. .	4,916	214,562	21,029	218,955	76,072	535,534
Talbot .. .. .	8,489	305,112	26,469	152,158	124,749	616,977
<b>Western District—</b>						
Grenville .. .. .	11,866	339,588	62,007	269,415	144,130	827,006
Polwarth .. .. .	2,881	89,971	10,870	41,246	45,621	190,589
Heytesbury .. .. .	1,622	65,049	2,152	7,866	22,933	99,652
Hampden .. .. .	15,218	474,959	72,038	280,144	247,859	1,090,218
Ripon .. .. .	13,607	425,289	101,401	406,006	209,252	1,155,555
Villiers .. .. .	11,935	451,999	69,252	319,467	254,343	1,106,996
Normanby .. .. .	7,748	325,695	59,400	289,707	193,651	876,201
Dundas .. .. .	10,998	451,448	78,379	404,801	238,391	1,184,017
Follett .. .. .	2,465	105,632	9,109	124,727	56,686	298,619
<b>Wimmera District—</b>						
Lowan .. .. .	14,093	597,925	86,048	573,794	315,597	1,587,457
Borong .. .. .	11,310	454,928	51,406	314,056	193,434	1,025,134
Kara Kara .. .. .	8,024	282,137	41,808	220,407	128,123	680,499
<b>Mallee District—</b>						
Millewa .. .. .	1,465	69,779	3,329	24,774	34,662	134,009
Weeah .. .. .	1,551	82,890	1,632	32,423	30,762	149,258
Karkaroc .. .. .	6,067	340,561	5,497	98,611	112,930	563,666
Tatchera .. .. .	6,800	350,687	6,201	50,627	109,963	524,278
<b>Northern District—</b>						
Gunbower .. .. .	6,601	269,294	7,974	64,087	101,137	449,093
Gladstone .. .. .	5,430	242,949	28,537	146,551	110,299	533,766
Bendigo .. .. .	8,689	339,180	14,430	128,946	145,465	636,710
Rodney .. .. .	10,285	394,942	10,826	92,935	173,438	682,426
Moira .. .. .	17,982	785,656	15,483	183,242	246,001	1,248,364
<b>North-Eastern District—</b>						
Delatite .. .. .	10,651	452,272	25,561	192,588	159,358	840,430
Bogong .. .. .	6,523	283,324	14,172	82,634	83,702	470,355
Benambra .. .. .	2,891	136,659	10,782	91,850	53,830	296,012
Wonnangatta .. .. .	470	24,249	1,909	19,590	8,677	54,895
<b>Gippsland District—</b>						
Croajingolong .. .. .	394	16,225	8,132	18,062	8,730	51,543
Tambo .. .. .	1,297	62,172	6,505	37,154	23,675	130,803
Dargo .. .. .	828	43,798	6,085	34,362	19,588	104,661
Tanjil .. .. .	3,534	169,663	17,844	119,095	78,807	388,943
Buln Buln .. .. .	5,716	246,353	21,543	136,610	96,475	506,697
<b>Total .. .. .</b>	<b>250,427</b>	<b>9,999,346</b>	<b>1,003,129</b>	<b>5,882,446</b>	<b>4,232,848</b>	<b>21,368,196</b>

BREEDS OF RAMS IN EACH COUNTY (EXCLUSIVE IN TOWNS) AS AT MARCH, 1953.

Ewes Mated (for Lambing during Season 1953).		Breeds of Rams (as at March, 1953).						
To Merino, Corriedale or Polwarth Rams ( <i>Wool Production</i> ).	To Rams of British Breeds ( <i>Pat-lamb Production</i> ).	Merino.	Corriedale.	Polwarth.	Border Leicester.	Dorset Horn.	South-down.	Other.
No.	No.	No.	No.	No.	No.	No.	No.	No.
67,170	209,101	722	1,337	213	604	3,026	1,156	1,105
225,532	137,235	2,306	2,290	1,112	699	1,832	363	702
21,590	146,236	65	775	38	405	818	1,557	1,434
7,904	18,846	40	147	34	52	90	163	184
98,036	94,591	1,463	879	189	88	597	1,240	356
91,012	103,362	1,590	547	133	515	1,243	635	253
175,675	112,348	3,361	1,938	121	1,031	1,268	95	675
248,134	54,619	7,443	1,625	1,427	224	666	119	362
45,874	37,185	47	378	1,512	82	118	248	496
5,091	58,194	13	65	28	55	142	882	437
366,044	62,560	6,505	3,734	3,238	112	436	348	845
338,337	30,798	11,756	747	281	149	479	69	126
344,582	53,770	5,640	3,157	1,800	239	273	176	650
239,384	48,453	2,979	2,802	593	95	374	128	777
345,260	39,441	6,164	3,285	348	44	461	249	447
57,423	39,102	563	730	145	113	211	48	655
454,579	71,899	9,996	2,177	103	146	793	96	782
279,586	145,414	5,011	2,170	100	1,439	1,516	264	810
174,963	74,940	5,357	834	41	1,001	639	4	148
54,158	10,829	1,137	156	50	66	76	1	29
46,975	34,265	476	465	50	206	296	31	27
101,498	234,678	751	1,108	67	2,138	1,723	11	269
70,981	273,348	558	677	58	3,541	1,521	101	344
102,831	161,612	1,703	1,144	143	1,082	1,877	200	452
153,984	75,930	2,783	999	29	1,028	323	24	244
132,247	194,450	2,520	1,419	78	2,540	1,626	83	423
92,748	290,285	723	1,656	66	2,688	2,901	1,080	1,171
178,656	586,878	1,004	2,905	257	3,613	5,092	3,578	1,533
187,084	244,606	2,265	1,739	398	1,568	1,246	1,641	1,794
84,475	187,173	799	1,009	253	2,274	798	632	758
68,601	52,033	968	542	121	221	512	140	387
13,938	8,502	115	86	71	15	59	24	100
7,633	6,020	196	41	1	52	15	..	89
40,304	16,159	575	281	115	78	68	32	148
25,729	12,017	331	172	26	95	49	23	132
92,834	57,474	1,537	473	191	105	580	104	538
72,585	153,690	700	1,015	43	489	1,474	891	1,104
5,113,437	4,143,025	90,162,	45,504	13,423	28,892	35,224	16,436	20,786

VICTORIA — RAMS, EWES, ETC.; EWES MATED;  
OF TRAVELLING SHEEP AND SHEEP

Statistical Districts and Counties.	Rams.	Ewes.		Wethers.	Lambs.	Total Sheep and Lambs.
		Breeding. (Mated and not mated).	Other.			
	No.	No.	No.	No.	No.	No.
<b>Central District—</b>						
Bourke .. .. .	7,868	274,266	26,927	207,478	109,239	625,778
Grant .. .. .	9,004	375,368	48,114	280,665	189,446	902,597
Mornington .. .. .	5,204	176,883	12,601	37,744	74,607	307,039
Evelyn .. .. .	819	27,662	1,627	16,397	14,529	61,034
<b>North-Central District—</b>						
Anglesey .. .. .	4,765	197,331	14,287	222,627	73,495	512,505
Dalhousie .. .. .	4,876	209,929	21,892	218,327	84,716	539,740
Talbot .. .. .	8,580	301,148	20,278	162,643	146,355	639,004
<b>Western District</b>						
Greenville .. .. .	11,813	328,472	64,642	280,611	144,991	830,029
Polwarth .. .. .	2,869	91,765	13,763	34,920	46,721	190,038
Heytesbury .. .. .	1,905	72,771	1,690	6,090	17,930	100,386
Hampden .. .. .	14,776	475,612	67,308	278,567	220,894	1,057,157
Ripon .. .. .	13,948	439,734	98,343	428,995	210,321	1,191,341
Villiers .. .. .	12,953	452,442	77,820	320,798	242,928	1,106,941
Normanby .. .. .	7,967	330,733	62,012	324,672	180,601	905,985
Dundas .. .. .	10,874	454,407	81,319	437,173	226,686	1,210,459
Follett .. .. .	2,546	101,579	10,023	118,169	55,044	287,361
<b>Wimmera District—</b>						
Lowan .. .. .	14,278	568,677	107,112	619,257	283,326	1,592,650
Borong .. .. .	10,475	407,644	54,839	330,025	205,736	1,008,719
Kara Kara .. .. .	7,880	251,494	45,553	223,070	126,133	654,130
<b>Mallee District—</b>						
Millewa .. .. .	1,343	66,462	5,842	28,916	31,737	134,300
Weeah .. .. .	1,451	80,737	736	33,012	32,522	148,458
Karkaroc .. .. .	5,935	280,692	10,298	82,617	122,448	501,990
Tatchera .. .. .	6,257	274,367	5,423	46,910	114,838	447,795
<b>Northern District—</b>						
Gunbower .. .. .	6,286	258,622	11,470	61,907	111,836	450,121
Gladstone .. .. .	5,288	221,886	23,987	147,484	111,936	510,581
Bendigo .. .. .	8,081	321,898	15,180	127,296	165,991	638,446
Rodney .. .. .	9,696	362,092	17,217	93,486	188,328	670,819
Moira .. .. .	18,308	773,406	27,737	196,057	306,295	1,321,803
<b>North-Eastern District—</b>						
Delatite .. .. .	10,355	449,975	22,342	206,663	163,302	852,637
Bogong .. .. .	6,816	279,797	13,102	78,080	95,853	473,622
Benambra .. .. .	2,767	131,472	10,893	96,411	52,112	293,655
Wonmangatta .. .. .	438	22,764	2,332	17,878	8,680	52,092
<b>Gippsland District—</b>						
Craoingolong .. .. .	363	19,022	3,773	18,979	7,827	49,964
Tambo .. .. .	1,432	63,837	5,772	34,135	29,078	134,254
Dargo .. .. .	840	43,203	5,848	37,208	21,415	108,514
Tanjil .. .. .	3,435	165,440	16,342	114,163	96,939	396,319
Bulu Bulu .. .. .	5,804	251,216	17,171	135,541	120,006	529,738
<b>Total .. .. .</b>	<b>247,795</b>	<b>9,604,805</b>	<b>1,045,615</b>	<b>6,104,951</b>	<b>4,434,841</b>	<b>21,438,007</b>

BREEDS OF RAMS IN EACH COUNTY (EXCLUSIVE IN TOWNS) AS AT MARCH, 1954.

Ewes Mated (for Lambing during Season 1954).		Breeds of Rams (as at March, 1954).						
To Merino, Corriedale or Polwarth Rams (Wool Production).	To Rams of British Breeds (Fat-lamb Production).	Merino.	Corriedale.	Polwarth.	Border Leicester.	Dorset Horn.	South-down.	Other.
No.	No.	No.	No.	No.	No.	No.	No.	No.
63,613	192,033	897	983	207	525	2,844	1,016	1,396
214,585	125,717	2,213	2,130	1,397	653	1,841	181	589
17,193	149,224	63	774	22	302	1,002	1,550	1,491
9,839	17,157	50	186	21	64	137	156	205
95,582	87,625	1,585	854	159	85	550	1,132	400
88,732	100,051	1,520	663	60	549	1,280	599	205
167,319	113,333	3,637	1,796	120	951	1,098	120	858
244,401	49,873	7,422	1,383	1,311	183	595	79	340
45,293	39,637	60	373	1,389	81	160	249	557
3,561	68,393	7	67	24	21	146	1,103	537
365,201	61,647	6,342	3,275	3,299	93	659	300	808
352,055	32,941	11,796	1,006	289	117	536	55	149
349,647	52,337	6,703	3,015	1,919	202	321	183	610
242,479	54,250	2,852	2,976	599	87	489	134	830
344,471	45,778	6,549	2,495	349	30	674	216	561
52,993	38,917	576	542	134	193	332	84	680
438,338	65,925	10,553	1,954	65	68	700	97	841
258,304	118,566	5,299	1,928	77	1,087	1,441	135	508
165,196	57,863	5,577	563	250	792	533	5	160
52,391	6,929	1,076	149	..	50	65	..	3
46,038	33,769	404	457	43	182	325	28	12
82,944	189,052	528	1,281	26	1,940	1,875	7	278
52,385	215,486	397	654	48	3,178	1,632	59	289
91,008	159,506	1,378	1,278	44	992	2,050	121	423
144,187	58,018	2,902	978	12	957	310	18	111
121,548	183,162	2,148	1,306	89	2,246	1,765	99	428
75,890	273,153	631	1,589	68	2,388	2,926	1,130	964
169,056	583,742	1,011	2,993	335	3,515	5,572	3,499	1,383
176,678	247,315	2,014	1,621	496	1,402	1,383	1,657	1,782
80,404	186,834	932	933	280	2,251	1,092	653	675
74,054	47,394	945	552	184	184	480	147	275
9,588	9,634	85	73	51	13	48	30	138
7,724	6,293	185	25	..	37	20	6	90
43,915	13,453	737	274	109	76	52	33	151
26,652	11,049	367	172	43	84	46	9	119
99,621	50,882	1,576	340	149	102	743	110	415
75,228	162,327	653	1,051	57	470	1,427	1,020	1,126
4,948,083	3,909,265	91,670	42,689	13,725	26,155	37,149	16,020	20,387

## AUSTRALIA—BREEDS OF SHEEP—31ST MARCH, 1953.

State.	Merino.	Other Recognized Breeds.	Merino Comeback (Finer than Half-bred).	Crossbred (including Half-bred and coarser Comebacks).	Total.
					No.
New South Wales .. .. .	43,713,685	3,541,545	4,141,779	6,063,991	57,461,000
Victoria .. .. .	8,271,360	5,220,326	2,251,027	5,625,483	21,368,196
Queensland .. .. .	16,775,974	54,165	50,063	149,421	17,029,623
South Australia .. .. .	10,135,154	818,772	209,144	873,444	12,036,514
Western Australia .. .. .	11,273,462	461,235	185,544	554,431	12,474,672
Tasmania .. .. .	278,659	1,100,155	338,464	704,261	2,421,539
A.C.T. and Northern Territory	257,000	16,000	3,000	5,000	281,000
Australia .. .. .	90,705,000	11,212,000	7,179,000	13,976,000	123,072,000

## VICTORIA—BREEDS OF SHEEP—31ST MARCH, 1953.

Statistical District.	Merino.	Other Recognized Breeds.	Merino Comeback (Finer than Half-bred).	Crossbred (including Half-bred and coarser Comebacks).
				No.
Central .. .. .	320,426	554,488	163,732	764,158
North-Central .. .. .	635,593	368,903	226,336	446,708
Western .. .. .	3,087,881	2,400,363	640,216	700,363
Wimmera .. .. .	2,369,406	439,574	133,912	350,198
Mallee .. .. .	408,976	187,202	212,833	562,200
Northern .. .. .	743,589	641,106	472,918	1,692,746
North-Eastern .. .. .	379,384	398,932	182,983	700,393
Gippsland .. .. .	326,105	229,758	218,067	408,717
State .. .. .	8,271,360	5,220,326	2,251,027	5,625,483

## Production of Wool.

Statistics of wool production are obtained direct from the growers, from fellmongeries and, in respect of wool exported on skins, from the Customs Department.

## VICTORIA—SHEEP AND LAMBS SHORN (IN DISTRICTS), SEASON 1951-52.

Statistical District.	Shorn.		Wool Clipped (including Crutchings).		Average.	
	Sheep.	Lambs.	Sheep's.	Lamb's.	Per Sheep.	Per Lamb.
	No.	No.	lb.	lb.	lb.	lb.
Central .. .. .	1,652,476	486,542	16,198,312	1,534,502	9.80	3.15
North-Central .. .. .	1,650,847	390,437	15,688,766	1,053,926	9.50	2.70
Western .. .. .	5,929,007	1,489,510	57,678,078	4,193,880	9.73	2.82
Wimmera .. .. .	2,995,936	754,114	30,639,744	2,206,957	10.23	2.93
Mallee .. .. .	1,142,747	340,536	10,875,065	982,007	9.52	2.88
Northern .. .. .	3,324,822	1,117,015	31,345,048	3,295,151	9.43	2.95
North-Eastern .. .. .	1,601,613	456,404	14,027,760	1,230,217	8.76	2.70
Gippsland .. .. .	1,080,743	346,263	9,889,227	937,360	9.15	2.71
State Total .. .. .	19,378,191	5,380,821	186,342,000	15,434,000	9.62	2.71

**VICTORIA—SHEEP AND LAMBS SHORN (IN DISTRICTS),  
SEASON 1952-53.**

Statistical District.	Shorn.		Wool Clipped (including Crutchings).		Average.	
	Sheep.	Lambs.	Sheep's.	Lamb's.	Per Sheep.	Per Lamb.
	No.	No.	lb.	lb.	lb.	lb.
Central .. .. .	1,671,629	416,565	15,277,795	1,235,778	9.14	2.97
North-Central .. .	1,667,215	350,646	14,770,472	949,421	8.86	2.71
Western .. .. .	6,609,732	1,653,125	65,331,683	4,820,229	9.88	2.75
Wimmera .. .. .	3,238,818	779,696	33,979,333	2,324,933	10.49	2.98
Mallee .. .. .	1,295,103	364,708	13,259,487	1,064,786	10.24	2.92
Northern .. .. .	3,419,320	959,609	31,532,095	2,853,683	9.22	2.97
North-Eastern .. .	1,645,250	406,860	14,734,772	1,060,201	8.96	2.61
Gippsland .. .. .	1,117,523	313,893	10,219,513	820,477	9.14	2.61
State Total .. .	20,664,590	5,275,102	199,105,150	14,929,508	9.64	2.83

**VICTORIA—SHEEP SHORN AND WOOL CLIPPED.**

Season.	Shorn.		Wool Clipped (including Crutchings).		Average.	
	Sheep.	Lambs.	Sheep's.	Lamb's.	Per Sheep.	Per Lamb.
	No.	No.	lb.	lb.	lb.	lb.
1947-48 .. .. .	15,551,760	4,738,590	152,861,000	13,533,000	9.83	2.86
1948-49 .. .. .	16,922,401	5,322,921	158,500,000	15,367,000	9.37	2.89
1949-50 .. .. .	17,985,003	4,648,333	175,453,000	12,630,000	9.76	2.72
1950-51 .. .. .	18,039,029	5,054,730	178,898,000	14,313,000	9.92	2.83
1951-52 .. .. .	19,378,191	5,380,821	186,342,000	15,434,000	9.62	2.71
1952-53 .. .. .	20,664,590	5,275,102	199,105,150	14,929,508	9.64	2.83

**VICTORIA—WOOL PRODUCTION AND VALUE.**

Season.	Clip.	Stripped from and Exported on Skins, &c. (Greasy).	Total Quantity (Greasy).	Gross Value.	Average Price per lb.
	1947-48 .. .. .	166,894,000	33,137,130	199,531,130	31,290,765
1948-49 .. .. .	173,867,000	30,212,458	204,079,458	38,894,704	45.74
1949-50 .. .. .	188,083,000	37,159,564	225,242,564	57,415,306	61.18
1950-51 .. .. .	193,211,000	25,055,009	218,266,009	132,945,656	146.18
1951-52 .. .. .	201,776,000	23,182,638	224,958,638	63,637,774	67.89
1952-53 .. .. .	214,034,658	38,160,707	252,195,365	78,760,501	74.95

The annual collection of statistics is carefully and efficiently carried out by the police. It is realized, however, that the wool clip as recorded is not likely to cover the whole clip, which was shorn some months prior to the collection. After investigation, and examination of the results of investigations elsewhere, it is considered that the quantity not recorded does not exceed 5 per cent. of the Victorian clip.

There is some uncertainty also associated with skin wool. Allowance is made for skins from other States which are exported from Victoria, so that they are not included in Victorian production. The Victorian figures do, however, include skin wool from all sheep and lambs slaughtered in Victoria, even though some of such sheep were brought over from other States for slaughter.

**Economic Wool Research.** A Wool Section of the Bureau of Agricultural Economics, whose activities are mentioned on page 62 of this issue of the *Year-Book*, has been developed in order to discharge the Bureau's responsibility for economic wool research under the *Wool Use Promotion Act* of 1945 and is financed from the Wool Research Trust Account. Briefly, under this Act, the proceeds from the wool tax of 4s. per bale are paid into the Wool Use Promotion Fund, which is available to the Wool Board for promoting the use of wool throughout the world. The Commonwealth Government pays a similar amount from Consolidated Revenue into the Wool Research Trust Account to be used in scientific, economic, and cost research and in the co-ordination and application of the results of such research. The C.S.I.R. is responsible for biological and textile research and the Bureau of Agricultural Economics for economic research. The two organizations work in co-operation in their wool research programme.

The work of the Wool Section falls into two main categories—Farm Production economics (dealing with the economics of wool growing and sheep station management) and Marketing economics (dealing with the economic aspects of wool marketing both within Australia and overseas).

**Marketing of Wool.** The long established system of marketing wool by public auctions re-commenced in 1946-47. During the seasons 1939-40 to 1945-46 clip values were established on appraisalment methods under an agreement between the British and the Australian Governments.

Upon the resumption of open auction sales an insatiable world-wide demand for wool, particularly in respect of the finer descriptions, was responsible for creating the most remarkable range of values in wool trade history and demonstrated the fact that the world's supply of the finer descriptions of the staple is considerably short of trade requirements. The results achieved were not secured on any promise of lessened production, but in the face of normal full-clip figures, plus heavy offerings of old wool, the legacy of war-time appraisalment.

The highest prices obtained for greasy merino fleece wool sold in Victoria and in Australia during each season from 1930-31 to 1953-54 are shown hereunder. Average weighted prices for wool of Victorian production appear on page 137 of this issue of the *Year-Book* :—

Season.	Victoria	Australia.	Season.	Victoria.	Australia.
	d.	d.		d.	d.
1930-31 ..	31½	31½	1942-43 ..	39	39½
1931-32 ..	38½	38½	1943-44 ..	40½	40½
1932-33 ..	22½	28½	1944-45 ..	39	40½
1933-34 ..	36½	42	1945-46 ..	41½	41½
1934-35 ..	22½	24½	1946-47 ..	121½	153
1935-36 ..	29½	35½	1947-48 ..	135	138½
1936-37 ..	36½	46½	1948-49 ..	181	210
1937-38 ..	33½	33½	1949-50 ..	183	188
1938-39 ..	26½	28	1950-51 ..	351	354½
1939-40 ..	31	33½	1951-52 ..	244	287
1940-41 ..	33½	33½	1952-53 ..	264	367
1941-42 ..	33½	34½	1953-54 ..	250	255

**Prices of Wool.**

The following information as to the average prices of wool per lb. which have prevailed during the last three seasons has been obtained from Victorian wool brokers. These prices are for wool auctioned in Victoria. Wool from the Riverina and the south-east of South Australia is included in Victorian sales.



PRICES OF WOOL IN VICTORIA, 1951-52  
TO 1953-54.

Class of Wool.	Average Price per lb. in—		
	1951-52.	1952-53.	1953-54.
GREASY MERINO.			
Extra Super (Western District) .. .. .	130 to 244	160 to 264	150 to 250
Super .. .. .	106 to 180	132 to 174	120 to 160
Good .. .. .	84 to 140	100 to 130	103 to 124
Average .. .. .	64 to 114	80 to 110	86 to 102
Wasty and Inferior .. .. .	54 to 96	70 to 90	65 to 85
Extra Super Lambs .. .. .	152 to 425	350 to 428 $\frac{1}{4}$	330 to 570
Super Lambs .. .. .	90 to 210	225 to 325	200 to 310
Good Lambs .. .. .	70 to 100	85 to 110	75 to 110
Average Lambs .. .. .	51 to 84	65 to 90	60 to 90
Inferior Lambs .. .. .	25 to 50	40 to 60	45 to 65
GREASY CROSSBRED.			
Extra Super Comebacks .. .. .	86 to 152	114 to 148 $\frac{1}{2}$	120 to 146
Super Comebacks .. .. .	80 to 135	90 to 138	95 to 125
Fine Crossbred .. .. .	56 to 102	65 to 100	66 to 106
Medium Crossbred .. .. .	50 to 84	56 to 90	60 to 94
Coarse Crossbred and Lincoln .. .. .	44 to 70	52 to 80	54 to 82
Super Fine Crossbred Lambs .. .. .	70 to 94	84 to 105	82 to 104
Good Crossbred Lambs .. .. .	52 to 75	66 to 90	70 to 92
Coarse and Lincoln Lambs .. .. .	40 to 64	60 to 75	65 to 82
SCOURED.			
Extra Super Fleece .. .. .	180 to 230	160 to 210	160 to 200
Super Fleece .. .. .	150 to 200	150 to 190	145 to 180
Good Fleece .. .. .	120 to 180	130 to 170	125 to 165
Average Fleece .. .. .	100 to 150	110 to 150	115 to 145
RECORD PRICES FOR THE SEASON.			
Greasy Merino Fleece .. .. .	244	264	250
„ Comeback Fleece .. .. .	152	148 $\frac{1}{2}$	146
„ Merino Lambs .. .. .	425	428 $\frac{1}{4}$	570
„ Comeback Lambs .. .. .	170 $\frac{1}{2}$	160	135
Scoured Fleece .. .. .	230	210	200

Prices of  
Live Stock.

1953-54.

In the subjoined table will be found a statement of the average prices of live stock ruling in metropolitan saleyards at Newmarket during the five years 1949-50 to 1953-54. The averages stated are the mean of the monthly prices

realized. Prices of live stock vary each year under the influence of seasonal conditions, prices of wool, &c. During periods of dry weather, stock are hastened to market and consequently prices decline but, with the advent of relief rains, stock are withheld for fattening, breeding, &c., and prices rise:—

VICTORIA—PRICES OF LIVE STOCK, 1949-50 TO 1953-54.

Stock.	1949-50. Average.	1950-51. Average.	1951-52. Average.	1952-53. Average.	1953-54. Average.
<i>Fat Cattle.</i>					
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Bullocks—					
Extra prime .. .. .	35 18 1	46 4 3	59 13 6	58 2 0	61 3 4
Prime .. .. .	33 1 8	42 3 8	55 2 4	53 5 5	54 11 1
Good .. .. .	30 1 0	38 2 10	50 4 4	48 9 4	48 16 3
Good light and handy weights	26 16 0	33 19 2	45 0 6	43 6 8	44 5 0
Second .. .. .	Not available	Not available	Not available	37 9 10	37 0 8
Cows—					
Best .. .. .	21 12 0	29 8 5	39 2 1	38 4 8	38 6 1
Others .. .. .	17 17 6	24 0 11	33 11 10	32 16 0	32 7 0
<i>Dairy Cattle.</i>					
Milkers (best) .. .. .	24 19 3	28 9 0	39 10 8	47 6 4	48 19 7
Springers (best) .. .. .	20 8 2	24 18 6	32 3 0	39 16 3	43 1 7
<i>Fat Sheep.</i>					
Crossbred Wethers—					
Extra Prime .. .. .	3 0 9	6 0 9	4 15 3	3 14 5	4 7 9
Prime .. .. .	2 12 8	5 4 1	4 3 1	3 6 5	3 16 11
Good .. .. .	2 4 0	4 8 3	3 12 5	2 16 10	3 3 0
Crossbred Ewes—					
Extra prime .. .. .	2 4 4	4 14 9	3 9 1	2 11 6	3 0 3
Prime .. .. .	1 16 3	3 17 3	2 16 8	2 2 8	2 11 10
Good .. .. .	1 4 9	2 12 4	2 1 9	1 8 7	1 12 11
<i>Fat Lambs.</i>					
Extra Prime .. .. .	3 1 0	5 16 0	4 15 0	4 12 11	4 16 2
Prime .. .. .	2 12 5	4 18 8	4 2 9	4 0 11	4 4 8
Good .. .. .	2 2 3	3 15 3	3 8 8	3 3 0	3 6 4
<i>Pigs.</i>					
Back Fattens—					
Extra heavy prime .. .. .	26 11 1	29 5 7	30 2 4	34 5 7	44 17 6
Prime medium and weighty .. .. .	20 16 6	23 7 9	23 17 9	26 2 1	32 15 11
Baconers—					
Medium and heavy .. .. .	12 13 11	13 18 10	17 9 10	19 18 6	21 15 1
Light .. .. .	10 4 10	11 7 10	14 9 3	16 12 0	19 0 5
Porkers .. .. .	7 10 1	8 16 6	10 15 11	12 4 6	13 10 4

The following table shows the number of slaughtering establishments and of the stock slaughtered in the State during each of the five years, 1949-53:—

## VICTORIA—STOCK SLAUGHTERED, 1949 TO 1953.

Kind of Stock.	Stock Slaughtered in Establishments and on Farms and Stations.				
	Year Ended June—				
	1949.	1950.	1951.	1952*	1953*
	No.	No.	No.	No.	No.
Sheep .. .. .	3,223,509	4,059,490	2,844,887	3,188,512	4,593,639
Lambs .. .. .	3,468,126	4,315,233	3,008,921	2,845,674	3,810,855
Bullocks .. .. .	194,897				
Cows .. .. .	253,118	567,940	597,901	602,326	558,574
Young Cattle .. .. .	79,185				
Calves .. .. .	322,833	333,161	323,335	357,213	280,462
Pigs .. .. .	375,825	299,753	312,334	337,864	296,962
Number of Slaughterhouses ..	477	449	444	412	412

\* Average dressed weights per carcass during 1951-52 were; Sheep 43·37 lb.; Lambs 34·65 lb.; Bullocks, Cows and Young Cattle 446·71 lb.; Calves 57·15 lb.; Pigs 135·78 lb.  
The Average weights in 1952-53 were; 44·97 lb., 35·00 lb., 439·75 lb., 57·14 lb, and 132·19 lb.

The importance of the mutton and lamb, export trade to sheep owners is indicated by the export figures for the years 1947 to 1954 as shown in the statement hereunder:—

**Frozen Mutton  
and Lamb  
Exported.**

## FROZEN MUTTON AND LAMB EXPORTED FROM VICTORIAN PORTS.

(Exports from all Australian ports are shown in parentheses.)

Year Ended 30th June.	Carcasses Exported (exclusive of certain service requirements consumed outside Australia).			
	Mutton.		Lamb.	
	Number.	Average Weight.	Number.	Average Weight.
		lb.		lb.
1947 .. .. .	623,151	53	1,948,097	39
	(1,063,095)	(49)	(2,801,618)	(38)
1948 .. .. .	283,934	50	1,628,867	38
	(483,151)	(48)	(2,544,966)	(38)
1949 .. .. .	258,110	49	1,154,564	38
	(567,115)	(48)	(2,281,531)	(37)
1950 .. .. .	881,724	54	2,217,789	37
	(1,313,086)	(53)	(3,331,843)	(37)
1951 .. .. .	58,770	53	710,575	38
	(149,832)	(52)	(1,192,311)	(37)
1952 .. .. .	80,740	54	426,420	41
	(105,682)	(56)	(581,017)	(40)
1953 .. .. .	789,000	56	1,309,000	38
	(1,496,000)	(54)	(2,235,000)	(37)
1954 .. .. .	447,000	51	700,000	34
	(1,008,000)	(51)	(1,312,000)	(34)

**Cattle.** Cattle-raising has always been one of the more important primary industries in this State, despite the gradual increase in the areas devoted to dairy farming, sheep-raising, and cultivation. This has been due mainly to the considerable improvement in methods of pasture management, including the practice of top-dressing. Vigilant inspection of stock and the rigid quarantine of stock imported from overseas have kept herds in Victoria free from many forms of contagious diseases and animal pests with which stock in other countries are afflicted. The numbers of live stock in each county of the State will be found on pages 112 to 117 of this issue.

**Silage.** Ensilage, an economical and safe method of conserving fodder in a succulent form, is relished by stock during dry periods. Expensive precautions against damage by fire, rodents, and stock, required for other fodders, are not necessary in the case of silage.

The following table gives particulars of the silage made in Victoria during the seasons 1949-50 to 1953-54:—

## SILAGE IN VICTORIA, 1949-50 TO 1953-54.

Season ended March.	Farms on which Silage Made.		Districts in which Made.							
			Silage Made.		Central.	North Central.	Western.	Wimmera.	Mallee.	Northern.
	No.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1950 ..	596	25,687	6,523	826	1,704	604	614	1,248	2,873	11,295
1951 ..	590	26,105	6,481	576	2,191	932	354	1,990	2,985	10,596
1952 ..	611	24,591	5,323	481	4,193	745	402	1,554	2,815	9,078
1953 ..	890	45,643	9,583	1,451	7,716	2,013	605	2,646	7,599	14,030
1954 ..	1,245	69,830	15,672	1,197	11,897	3,194	391	3,168	10,108	24,203

**Apiculture.** Prior to the season 1936, the statistics of honey and beeswax were based on returns received from apiarists who were permanent occupiers of holdings of 1 acre and upwards. As a consequence, production was understated because of the exclusion of (a) hives on areas of less than 1 acre, and (b) travelling beekeepers who were not occupiers of rural holdings. Commencing with the season 1935-36, all beekeepers have been required to furnish returns. Particulars relating to apiculture for the five years 1950-54 are given in the following table:—

VICTORIA—BEE-HIVES, HONEY, AND BEESWAX, 1949-50  
TO 1953-54.

Season Ended May—	Bee-keepers.*	Hives.	Production.		Gross Value.	
			Honey.	Beeswax.	Honey.	Beeswax.
	No.	No.	lb.	lb.	£	£
1950 .. ..	1,584	114,676	7,743,866	78,124	258,129	11,719
1951 .. ..	1,562	115,976	8,087,654	90,605	286,438	27,182
1952 .. ..	1,494	104,652	5,207,972	55,963	216,999	19,587
1953 .. ..	1,382	109,120	6,234,904	71,536	285,766	19,672
1954 .. ..	1,319	107,971	9,382,259	100,562	430,020	35,197

\* Apiarists with 20 hives and over numbered 950 in 1950, 943 in 1951, 874 in 1952, 877 in 1953 and 874 in 1954.

**Poultry Census.** A table showing the number of poultry owners and of poultry in Victoria, as at the date of the Census in each of the years 1881, 1891, 1901, 1911, and 1933 was published on page 488 of the 1938-39 issue of the *Year-Book*.

**Establishment of Marketing Boards.** A summary of the principal legislative provisions of the *Marketing of Primary Products Act* 1935 was published on pages 446 to 448 of the *Victorian Year-Book* for 1934-35.

Pursuant to such Act, Marketing Boards have been constituted for onions, chicory, maize, eggs and egg pulp, and potatoes. The Potato Marketing Board was constituted on 17th November, 1948.

**Wholesale  
Prices of  
Principal  
Products.**

The following table gives the monthly average of the Melbourne wholesale prices of the principal agricultural, dairying, and pastoral food products for the year ended June, 1952:—

**MELBOURNE—WHOLESALE PRICES—YEAR ENDED JUNE, 1952.**

	1951.						1952.					
	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April.	May.	June.
<b>Agriculture—</b>												
Wheat .. per bushel	s. d. 7 10	s. d. 7 10	s. d. 7 10	s. d. 7 10	s. d. 7 10	s. d. 10 9½	s. d. 10 9½	s. d. 10 9½	s. d. 10 9½	s. d. 10 9½	s. d. 10 9½	s. d. 10 9½
Barley—												
English .. ..	7 8	7 8	7 8	7 8	7 8	7 8	12 7½	12 7½	12 7½	12 7½	12 7½	12 7½
Cape .. ..	7 4½	7 4½	7 4½	7 4½	7 4½	7 4½	11 5	11 5	11 5	11 5	11 5	11 5
Oats, Milling .. ..	10 6	10 3	10 3	10 3	10 9	11 6	11 6	11 0	11 3	11 2	9 9	8 4
Maize .. ..	22 0	21 0	21 0	21 0	21 0	21 0	21 0	21 0	21 0	21 0	21 0	23 6
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Bran .. per ton	13 17 6	14 18 0	14 18 0	14 18 0	14 18 0	14 18 0	21 8 0	21 8 0	21 8 0	21 8 0	21 8 0	21 8 0
Pollard .. ..	13 17 6	14 18 0	14 18 0	14 18 0	14 18 0	14 18 0	21 8 0	21 8 0	21 8 0	21 8 0	21 8 0	21 8 0
Flour (first quality) ..	21 6 7	22 5 10	22 5 10	22 5 10	22 5 10	22 5 10	24 15 10	24 15 10	24 15 10	24 15 10	25 0 10	25 0 10
Chaff .. ..	19 10 0	19 10 0	19 10 0	19 10 0	19 10 0	20 0 0	20 10 0	20 0 0	20 0 0	20 0 0	20 0 0	19 10 0
Potatoes .. ..	28 0 0	30 0 0	30 0 0	32 0 0	46 0 0	46 0 0	33 10 0	33 10 0	33 10 0	33 10 0	33 10 0	33 10 0
Onions .. ..	32 5 0	61 19 6	61 19 6	61 19 6	100 0 0	45 0 0	45 0 0	41 4 0	41 4 0	41 4 0	41 4 0	41 4 0
<b>Dairy and Farmyard Pro-</b>												
<b>duce—</b>												
Butter .. per lb.	s. d. 1 11½	s. d. 1 11½	s. d. 2 10½	s. d. 2 10½	s. d. 2 10½	s. d. 2 10½	s. d. 2 10½	s. d. 2 10½	s. d. 2 10½	s. d. 2 10½	s. d. 2 10½	s. d. 2 10½
Bacon .. ..	2 6	2 9	2 9	3 4	3 9	3 6	3 6	3 6	3 6	3 7	3 10	3 10
Ham .. ..	3 3	3 4	3 4	3 9	4 3	4 2	3 9	4 0	4 0	4 0	4 0	4 0
Cheese (matured) ..	1 7	1 7	2 2½	2 2½	2 2½	2 3	2 2½	2 3	2 3	2 3	2 3	2 3
Honey .. ..	0 9	0 9	0 9	0 9	0 9	0 9	0 9	0 9	0 11	0 11	0 11	0 11
Eggs .. per doz.	4 0	4 0	4 0	3 9	3 9	4 5	4 5	4 5	4 9	5 1	5 1	5 1
<b>Butchers' Meat—</b>												
Beef, prime .. per 100 lb.	£ s. d. 6 8 3½	£ s. d. 7 5 11½	£ s. d. 7 3 10	£ s. d. 6 10 10	£ s. d. 5 18 9	£ s. d. 6 3 11½	£ s. d. 6 0 5	£ s. d. 6 13 9	£ s. d. 7 0 0	£ s. d. 7 8 10	£ s. d. 7 9 3	£ s. d. 8 1 8
	d.	d.	d.	d.	d.	d.	d.	d.	d.	d.	d.	d.
Mutton .. per lb.	20.00	19.13	16.43	11.63	8.75	9.38	8.44	9.62	10.06	10.56	10.19	9.94
Veal .. ..	14.00	14.67	14.67	15.58	15.17	15.75	15.17	17.17	17.33	16.50	18.00	18.00
Pork .. ..	28.75	28.75	31.63	33.00	32.25	32.50	32.50	30.81	30.50	29.75	31.00	33.13
Lamb .. ..	30.50	33.25	26.75	19.44	17.00	17.81	19.25	22.37	23.50	24.50	25.25	25.25

Land Settlement, &c.

The following table gives the monthly average of the Melbourne wholesale prices of the principal agricultural, dairying, and pastoral food products for the year ended June, 1953 :—

**MELBOURNE—WHOLESALE PRICES—YEAR ENDED JUNE, 1953.**

	1952.						1953.					
	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April.	May.	June.
<b>Agriculture—</b>												
Wheat .. per bushel	s. d. 10 9½	s. d. 10 9½	s. d. 10 9½	s. d. 10 9½	s. d. 10 9½	s. d. 10 9½	s. d. 12 8½	s. d. 12 8½	s. d. 12 8½	s. d. 12 8½	s. d. 12 8½	s. d. 12 8½
Barley—												
English .. "	12 5	12 5	13 5½	13 5½	13 5½	13 5½	17 4½	17 4½	17 4½	17 4½	17 4½	17 4½
Cape .. "	11 2½	11 2½	12 5½	12 5½	12 5½	12 5½	15 9	15 9	15 9	15 9	15 9	15 9
Oats, Milling .. "	8 9	8 0	8 3	7 10	7 4	6 8	6 7	6 9	6 10½	7 0	6 10½	6 10
Maize .. "	21 0	21 0	21 0	21 0	21 0	21 0	21 0	21 0	21 0	21 0	21 0	17 3
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Bran .. per ton	20 18 3	20 18 3	20 5 0	20 5 0	20 5 0	20 5 0	20 5 0	20 5 0	20 5 0	20 5 0	20 5 0	20 5 0
Pollard .. "	20 18 3	20 18 3	20 5 0	20 5 0	20 5 0	20 5 0	20 5 0	20 5 0	20 5 0	20 5 0	20 5 0	20 5 0
Flour (first quality) .. "	24 13 1	24 13 1	24 2 0	24 2 0	24 2 0	28 3 0	28 3 0	28 3 0	28 3 0	28 3 0	28 3 0	28 3 0
Chaff .. "	19 10 0	19 10 0	19 10 0	19 15 0	20 5 0	20 0 0	19 10 0	18 10 0	17 5 0	17 5 0	17 10 0	17 15 0
Potatoes .. "	33 10 0	29 0 0	29 0 0	21 0 0	21 0 0	28 3 4	30 17 1	20 0 0	20 0 0	30 10 0	30 10 0	31 10 0
Onions .. "	41 4 0	41 4 0	34 4 0	25 0 0	31 5 0	29 11 0	32 4 0	33 5 0	33 10 0	33 10 0	34 0 0	34 0 0
<b>Dairy and Farmyard Produce—</b>												
Butter .. per lb.	s. d. 3 9½	s. d. 3 9½	s. d. 3 9½	s. d. 3 9½	s. d. 3 9½	s. d. 3 9½	s. d. 3 9½	s. d. 3 9½	s. d. 3 9½	s. d. 3 9½	s. d. 3 9½	s. d. 3 9½
Bacon .. "	3 10	3 10	3 6	3 6	3 6	3 6	3 6	4 0	4 0	4 0	4 0	4 3
Pollard .. "	4 0	4 0	4 0	4 0	4 3	4 6	4 6	4 6	4 6	4 3	4 3	4 6
Ham .. "	4 0	4 0	4 0	4 0	4 3	4 6	4 6	4 6	4 6	4 3	4 3	4 6
Cheese (matured) .. "	2 9½	2 9½	2 9½	2 9½	2 9½	2 9½	2 9½	2 9½	2 9½	2 9½	2 9½	2 9½
Honey .. "	0 11	0 11	0 11	0 11	0 11	0 11	0 11	0 11	0 11	0 11	0 11	0 11
Eggs .. per doz.	5 1	4 4	4 4	4 4	4 4	4 4	4 4	4 6	4 10	5 1	5 1	5 1
<b>Butchers' Meat—</b>												
Beef, prime .. per 100 lb.	£ s. d. 7 17 6	£ s. d. 8 2 1	£ s. d. 7 10 5	£ s. d. 6 13 11	£ s. d. 6 5 0	£ s. d. 6 11 8	£ s. d. 6 2 6	£ s. d. 6 5 5	£ s. d. 6 1 3	£ s. d. 6 2 11	£ s. d. 6 5 10	£ s. d. 6 5 0
	d.	d.	d.	d.	d.	d.	d.	d.	d.	d.	d.	d.
Mutton .. per lb.	9-75	9-87	9-50	8-00	8-48	8-44	8-23	8-89	8-78	9-00	9-44	9-94
Veal .. "	18-17	17-08	15-50	15-50	16-50	16-67	18-00	17-33	17-50	16-83	17-17	17-50
Pork .. "	33-00	34-25	38-00	33-62	33-50	36-13	35-63	33-88	34-50	35-12	35-38	34-63
Lamb .. "	22-50	21-50	19-75	18-25	17-69	19-50	19-00	23-50	25-25	26-00	26-25	28-00

**Retail  
Prices.**

The following table gives the monthly average of the Melbourne retail prices of certain items of groceries, &c., for the year ended June, 1952:—

**MELBOURNE—RETAIL PRICES—YEAR ENDED JUNE, 1952.**

Article.	Unit.	1951.						1952.						
		July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April.	May.	June.	
		d.	d.	d.	d.	d.	d.	d.	d.	d.	d.	d.	d.	
<b>Groceries, &amp;c.—</b>														
Bread .. .. .	2 lb.	10-00	10-00	10-00	10-00	11-50	11-50	12-00	12-00	12-00	12-00	12-00	12-00	
Flour, self-raising .. .. .	"	12-00	12-00	12-89	12-94	12-75	12-78	13-50	13-60	13-70	13-50	13-50	14-80	
Tea .. .. .	lb.	46-00	46-00	46-00	46-00	47-00	47-00	47-00	47-00	47-00	47-00	47-00	47-00	
Sugar .. .. .	"	6-50	6-50	6-50	6-50	6-50	6-50	6-50	6-50	6-50	8-00	8-00	8-00	
Jam, plum .. .. .	1½ lb.	19-55	19-55	19-55	19-90	21-40	21-50	21-55	21-55	27-00	27-00	27-50	27-20	
Oats, flaked .. .. .	lb.	9-42	10-08	10-29	10-38	10-83	10-83	10-83	10-83	10-83	10-83	10-83	11-00	
Raisins, seeded .. .. .	"	28-00	27-71	27-71	27-83	27-78	27-89	27-88	27-88	28-20	29-75	30-56	31-69	
Currants .. .. .	"	20-13	20-69	20-69	20-63	20-69	20-67	20-56	20-50	20-81	21-19	21-19	21-43	
Apricots, dried .. .. .	"	47-00	46-33	45-67	46-00	46-33	46-33	46-33	47-00	47-00	52-75	52-00	53-88	
Peaches, canned .. .. .	30 oz.	26-00	26-00	26-00	26-00	26-05	26-10	26-10	26-10	26-10	28-58	33-50	33-50	
Pears, canned .. .. .	"	26-00	26-07	26-06	26-15	26-20	26-20	26-20	26-20	26-20	29-17	38-85	35-85	
Potatoes .. .. .	7 lb.	28-00	28-00	29-12	36-36	44-92	42-00	34-77	35-00	35-00	35-00	35-00	35-00	
Onions, brown .. .. .	lb.	5-00	9-00	9-00	18-00	18-00	9-00	9-00	6-00	6-00	6-00	6-00	6-00	
<b>Dairy Produce—</b>														
Butter, factory, .. .. .	lb.	26-35	26-35	37-95	37-95	37-95	37-95	37-95	37-95	37-95	37-95	37-95	37-95	
Eggs, new laid .. .. .	doz.	53-90	53-90	53-90	50-90	50-90	60-90	60-00	65-00	65-00	65-00	70-00	70-00	
Bacon, rashers .. .. .	lb.	50-00	52-63	53-13	54-00	66-69	67-00	65-89	67-00	67-00	67-00	67-00	67-38	
Milk, fresh .. .. .	quart	14-25	14-25	14-25	14-25	14-25	14-25	14-25	16-50	16-50	16-50	16-50	16-50	
<b>Meat—</b>														
		September Quarter				December Quarter			March Quarter			June Quarter		
Beef, sirloin .. .. .	lb.	30-91	32-20	32-20	32-20	32-20	32-20	32-69	32-69	32-69	32-69	32-69	38-05	
" rib .. .. .	"	27-65	28-20	28-20	28-20	28-20	28-20	28-99	28-99	28-99	28-99	28-99	33-51	
" steak, rump .. .. .	"	41-62	43-20	43-20	43-20	43-20	43-20	43-53	43-53	43-53	43-53	43-53	47-75	
" " chuck .. .. .	"	24-00	25-23	25-23	25-23	25-23	25-23	25-32	25-32	25-32	25-32	25-32	32-41	
" sausages .. .. .	"	19-00	19-81	19-81	19-81	19-81	19-81	20-50	20-50	20-50	20-50	20-50	21-21	
" corned silverside .. .. .	"	29-94	31-74	31-74	31-74	31-74	31-74	32-81	32-81	32-81	32-81	32-81	37-25	
" " brisket .. .. .	"	22-00	23-17	23-17	23-17	23-17	23-17	24-05	24-05	24-05	24-05	24-05	29-64	
Mutton, leg .. .. .	"	26-96	25-24	25-24	25-24	25-24	25-24	25-07	25-07	25-07	25-07	25-07	26-93	
" forequarter .. .. .	"	20-72	17-59	17-59	17-59	17-59	17-59	16-40	16-40	16-40	16-40	16-40	18-15	
" loin .. .. .	"	26-39	24-92	24-92	24-92	24-92	24-92	23-75	23-75	23-75	23-75	23-75	25-89	
" chops, loin .. .. .	"	27-28	26-07	26-07	26-07	26-07	26-07	25-79	25-79	25-79	25-79	25-79	26-65	
" " leg .. .. .	"	27-37	25-94	25-94	25-94	25-94	25-94	26-42	26-42	26-42	26-42	26-42	27-59	
Pork, leg .. .. .	"	41-24	45-55	45-55	45-55	45-55	45-55	44-79	44-79	44-79	44-79	44-79	46-33	
" chops .. .. .	"	42-76	46-40	46-40	46-40	46-40	46-40	46-54	46-54	46-54	46-54	46-54	47-70	



Retail  
Prices.

The following table gives the monthly average of the Melbourne retail prices of certain items of groceries, &c., for the year ended June, 1953:—

## MELBOURNE—RETAIL PRICES—YEAR ENDED JUNE, 1953.

Article.	Unit.	1952.						1953.					
		July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April.	May.	June.
		<i>d.</i>	<i>d.</i>	<i>d.</i>	<i>d.</i>	<i>d.</i>	<i>d.</i>	<i>d.</i>	<i>d.</i>	<i>d.</i>	<i>d.</i>	<i>d.</i>	<i>d.</i>
Groceries, &c.—													
Bread .. .. .	2 lb.	12-00	12-00	12-00	12-50	12-50	13-00	13-00	13-00	13-00	13-00	13-00	13-00
Flour self-raising .. .. .	"	15-00	15-00	15-00	15-00	15-00	15-40	16-00	15-95	15-95	15-95	15-95	15-95
Tea .. .. .	lb.	47-74	47-63	47-06	47-58	47-20	47-22	47-10	47-10	47-10	47-10	47-10	55-55
Sugar .. .. .	"	8-00	8-00	8-00	8-80	8-90	9-00	9-00	9-00	9-00	9-00	9-00	9-00
Jam, plum .. .. .	1½ lb.	27-10	27-10	26-75	26-40	26-50	26-50	26-95	26-95	27-20	27-25	27-20	27-20
Oats, flaked .. .. .	lb.	11-00	10-92	11-08	10-92	10-92	10-92	10-92	10-92	10-60	8-80	8-20	8-33
Raisins, seeded .. .. .	"	31-72	31-61	31-72	31-72	31-50	31-55	31-70	31-70	31-70	31-70	31-89	31-89
Currants .. .. .	"	21-57	21-57	21-57	21-65	22-13	22-19	21-71	21-64	21-86	22-57	22-69	22-71
Apricots, dried .. .. .	"	56-13	59-50	59-50	59-50	59-50	59-60	59-60	59-60	59-38	59-38	59-38	60-42
Peaches, canned .. .. .	30 oz.	33-60	33-10	32-50	32-80	33-40	33-40	33-11	33-30	33-35	33-45	33-45	33-55
Pears, canned .. .. .	"	35-85	35-65	34-11	34-70	35-00	35-25	34-77	34-90	35-00	35-00	34-70	35-05
Potatoes .. .. .	7 lb.	35-00	31-50	31-50	23-92	23-83	23-80	35-00	21-00	24-50	31-50	31-50	31-33
Onions, brown .. .. .	lb.	6-00	5-90	5-90	4-60	4-90	5-00	5-00	4-90	5-00	5-00	5-00	5-00
Dairy Produce—													
Butter, factory .. .. .	lb.	49-50	49-50	49-50	49-50	49-50	49-50	49-50	49-50	49-50	49-50	49-50	49-50
Eggs, new laid .. .. .	doz.	59-00	58-90	59-00	58-90	58-90	58-90	58-90	61-70	65-50	66-00	69-00	69-00
Bacon, rashers .. .. .	lb.	67-38	67-38	67-38	67-38	67-75	67-75	67-38	67-38	67-75	68-50	73-75	73-63
Milk, fresh .. .. .	quart	17-50	17-50	17-00	17-00	17-00	17-00	17-00	17-00	17-00	18-50	18-50	18-50
Meat—													
Beef, .. .. .	lb.	September Quarter			December Quarter			March Quarter			June Quarter		
" rib .. .. .	"	38-40			37-74			38-13			38-43		
" steak, rump .. .. .	"	33-70			32-74			32-43			32-75		
" chuck .. .. .	"	48-43			48-17			48-33			48-33		
" sausages .. .. .	"	32-80			32-17			32-27			32-50		
" corned silverside .. .. .	"	21-09			20-83			20-30			20-15		
" brisket .. .. .	"	37-40			36-73			37-23			37-27		
Mutton, leg .. .. .	"	29-80			28-57			28-97			28-66		
" forequarter .. .. .	"	24-60			23-68			23-76			23-81		
" loin .. .. .	"	16-55			14-96			14-67			15-05		
" chops, loin .. .. .	"	22-52			21-89			22-38			22-76		
" leg .. .. .	"	24-21			22-55			23-74			23-95		
Pork, leg .. .. .	"	25-13			23-95			25-17			24-83		
" chops .. .. .	"	48-56			49-81			51-74			51-00		
" .. .. .	"	49-58			50-37			52-40			51-87		

**FORESTRY.**

**Administration.** The forests of the State comprise both reserved and protected areas and are controlled by a Commission appointed in 1919.

**Forest Area.** At the 30th June, 1952, the area of reserved forest was 5,151,286 acres, much of which can be classed only as protection forest and is not strictly speaking timber producing. It is estimated that there are 10,000,000 acres of Crown lands in the State carrying merchantable timber.

**Protected Forests.** In addition to the 5,151,286 acres aforementioned, there were 176,135 acres reserved as Timber Reserves under the Land Acts. Including these reserves, but excluding areas reserved as sites for Gardens, Parks, and Recreation Purposes, all remaining Crown lands have been proclaimed "Protected Forests". It should not be assumed, however, that all of these lands are "forests" as the term is generally understood, as over 6,000,000 acres comprise roads, water frontages, beds of rivers and lakes, and unsold land in cities, towns, and boroughs. In addition, on the area of more than 8,000,000 acres in occupation under grazing and other leases, much of the timber is of little or no commercial value because of remoteness, inaccessibility, or other causes.

**Forests Output.** The output of sawn timber from State Forests in 1951-52 was 36,439,308 cubic feet. In addition 27,675,030 cubic feet of fuel timber and 6,423,367 cubic feet of miscellaneous timber were produced.

Particulars of sawn timber and firewood, from all sources, will be found in part "Factories" &c., of the *Year-Book*.

**Softwood Plantations.** The area planted during the 1951 planting season was 1,059 acres. Failures, chiefly in 1950 plantings were replanted over 3,446 acres. The effective plantation area at 30th June, 1952, was 55,287 acres.

**Plantation Output.** The output of plantation-grown softwood timber represented the highest yield so far achieved. Excluding pulpwood, the total production amounted to 15,010,579 superficial feet.

**Other Commercial Softwood Plantations.** There are not many private commercial plantations of softwoods in Victoria. The largest is at Dartmoor, near the South Australian border, where a company holds 11,361 acres. Of this area 9,000 acres are in Victoria and approximately 6,000 acres thereof have been planted. The same company holds 1,200 acres at Rosebud (650 acres planted).

The Ballarat Water Commission has an area of approximately 3,500 acres available for afforestation, of which 1,100 acres are planted with conifers. Its present planting programme provides for 50,000 trees (100 acres) per annum.

Trees and forest thinnings, down to a diameter of about five inches, are utilized in the Commission's case-making plant, the value of the output of which amounts approximately to £60,000 per annum. Smaller diameter thinnings are disposed of for paper pulping purposes.

Severe damage to the plantations was caused by the bush fires of 1939, about 240,000 trees being destroyed. This area has now been reafforested. The number of effective conifers growing on the Commission's Reserves is 643,000.

**Timber salvage from burnt-out areas.** Following upon the disastrous bush fires of 1939 (references to which appeared on pages 5, 286, 494, and 495 of the 1938-39 issue of the *Year-Book*) it was estimated that of the 2,000,000,000 superficial feet of fire-killed timber, 916,000,000 superficial feet could be recovered. This target was attained by May, 1945. Under the provisions of the *State Forests (Timber Salvage) Loan and Application Act 1939*, salvage of Mountain Ash and Alpine Ash timber is still proceeding at a satisfactory rate and up to 30th June, 1952, 1,427,397,912 superficial feet of timber had been recovered and 1,392,543,049 feet had been utilized. This represents an excess of 476,543,049 feet over the original estimate.

**Nurseries.** To encourage the growth of softwoods or conifers in both State and private plantations, three large nurseries have been established at Creswick, Macedon, and Broadford. In addition to providing trees for the plantations, the nurseries supply considerable numbers of plants at low rates to State schools, public bodies, and private applicants. This has proved of great benefit to the community by fostering an interest in tree planting generally, and especially by encouraging farmers to plant trees to afford protection to their homesteads and to provide shade and shelter for their flocks and herds. The Commission also has a nursery at Wail (in the Wimmera) which specializes in the propagation of species suitable for planting in the dryer areas of the State. Despatches of plants from all nurseries numbered 1,957,621 during 1951-52.

**Forestry Fund.** Particulars in respect of this fund (established in 1918) will be found on page 355 of the 1943-44 issue of the *Year-Book*.

**Revenue and Expenditure.** The revenue derived from forest sources during the financial year 1951-52 was £1,889,947, and the expenditure £2,798,629—£928,368 of which was paid out of the Consolidated Revenue, £1,390,000 out of loan funds, and the balance (£480,261) from the Forestry Fund.

**Silviculture of Indigenous Forests.** The various types of silvicultural operations in the indigenous forests over the period 1948-49 to 1951-52 are indicated in the following table:—

VICTORIA—SILVICULTURAL OPERATIONS IN STATE FORESTS, 1948-49 TO 1951-52.

Nature of Work.	Year ended 30th June—			
	1949.	1950.	1951.	1952.
	Acres.	Acres.	Acres.	Acres.
First thinning .. .. .	6,870	5,392	9,624	7,127
Second or subsequent thinning ..	2,540	2,310	2,248	6,646
Regeneration or liberation treatment by ring-barking .. .. .	5,286	3,226	7,316	4,177
Removal of surplus coppice ..	15,273	16,079	13,873	5,883
Total area treated ..	29,969	27,017	33,161	23,833

**The Wood-Pulp Agreement Act.**

The *Wood-Pulp Agreement Act 1936* (No. 4451) passed on 27th December, 1936, is "an Act to ratify validate approve and otherwise give effect to an agreement between the Minister of Forests, the Forests Commission, and Australian Paper Manufacturers Limited with respect to the establishment of the wood-pulp industry". Details of the agreement will be found in previous issues of the *Year-Book*.

**Production of wood-pulp.**

The first manufacturing unit—the Pilot Mill—erected in accordance with the above-mentioned agreement came into production in January, 1938, with a capacity production of 3,000 tons of air-dried pulp per annum. The main mill, which commenced production in October, 1939, has a capacity output of approximately 30,000 tons of kraft pulp per annum.

**Supply of pulp-wood from State forests.**

Consignment of pulp-wood from the State forests to the mill at Maryvale commenced in October, 1937. During the year 1951-52, the quantities of pulp-wood obtained from the State forests totalled 1,888,352 cubic feet as compared with 1,463,405 cubic feet in 1950-51.

Australian Paper Manufacturers Limited extended operations by its contractor in both green and fire-killed mountain ash and alpine ash, the bulk of procurement being from fire-killed stands. There was a small increase in pulpwood obtained from pine plantations and in the output from mixed foot-hill forests.