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MONTHLY SUMMARY

of

THE WHEAT SITUATION IN AUSTRALIA

JUNE, 1937.

Volume I

No. 12

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Prepared under instructions from the Honourable the Treasurer

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1. AREA, PRODUCTION AND YIELD OF WHEAT.

The estimated production of wheat in Australia for the season 1936-37 remains unaltered at 150,170,000 bushels. This quantity was garnered from 12,284,000 acres which represents an average yield of 12.22 bushels per acre. Compared with the figures for the previous season (1935-36) the area is greater by 394,000 acres, or 3.3 per cent, and the production by 5,889,000 bushels, or 4.1 per cent. The average yield per acre of 12.22 bushels in 1936-37 is slightly above that of 12.06 bushels in 1935-36 and 6.9 per cent. greater than the average of 11.43 bushels for the ten years 1928-1937.

Sowing operations for the 1937-38 harvest are in progress in all of the States. In New South Wales, the Director of Marketing, has issued an estimate of the total area sown in that State. It is expected that of this area 4,516,000 acres will be sown for grain. This represents an increase of 14 per cent. on the previous year. It is yet too early to attempt a forecast with any degree of precision of the total acreage likely to be sown in Australia, but from information available it is expected that it will approximate 13,700,000 acres. Compared with the area for the season just ended (12.3 million acres) this would represent an increase of a little over 11 per cent.

The following tables furnish details of area, production and average yield per acre, by States, for the years 1932-33 to 1936-37 in addition to the average for the decennial period 1928 to 1937 inclusive.

AREA SOWN UNDER WHEAT FOR GRAIN - AUSTRALIA (In 1,000 acres)

Year	N.S.W.	Vic.	Q'ld.	S.A.	W.A.	Tas.	F.C.T.	AUSTRALIA
1932-33	4,804	3,231	250	4,067	3,389	21	3	15,765
1933-34	4,584	3,053	232	3,822	3,183	24	3	14,901
1934-35	3,893	2,458	222	3,188	2,764	17	2	12,544
1935-36	3,851	2,324	240	2,989	2,541	10	2	11,957
1936-37(a)	3,962	2,394	335	3,058	2,512	21	2	12,284
Average 10 years ended 1937	4,101	3,197	244	3,541	3,141	19	2	14,245

PRODUCTION OF WHEAT - AUSTRALIA (In 1,000 bushels)

Year	N.S.W.	Vic.	Q'ld.	S.A.	W.A.	Tas.	F.C.T.	AUSTRALIA
1932-33	78,870	47,843	2,494	42,430	41,792	433	65	213,927
1933-34	57,057	42,613	4,362	35,373	37,305	561	67	177,338
1934-35	48,678	25,850	4,076	27,456	26,985	308	40	133,393
1935-36	48,822	37,552	2,690	31,616	23,315	186	36	144,217
1936-37(a)	54,837	42,845	2,250	28,714	20,984	504	36	150,170
Average 10 years ended 1937	51,981	39,087	3,538	32,279	35,465	417	35	162,802

AVERAGE YIELD PER ACRE - AUSTRALIA

Year	N.S.W.	Vic.	Q'ld.	S.A.	W.A.	Tas.	F.C.T.	AUSTRALIA
	bush.	bush.	bush.	bush.	bush.	bush.	bush.	bush.
1932-33	16.42	14.81	8.97	10.43	12.33	20.64	19.03	13.57
1933-34	12.45	13.96	18.80	9.26	11.72	23.27	21.66	11.90
1934-35	12.50	10.51	18.38	8.61	9.76	18.46	21.91	10.63
1935-36	12.68	16.16	11.30	10.58	9.18	17.88	22.56	12.06
1936-37(a)	13.84	17.90	6.72	9.39	8.35	24.50	18.00	12.22
Average 10 years ended 1937	12.68	12.22	14.52	9.12	11.29	21.62	18.27	11.43

(a) Final Estimate.

2. WEATHER CONDITIONS.

The month of May was the third successive month in which there was a deficiency of rain over the greater part of New South Wales. In consequence, seasonal operations were further delayed and crop growth was stationary. In June, however, widespread rains were received, enabling sowing to proceed and the seasonal prospects have improved appreciably. Although the rains in Victoria were under average during May, the falls recorded about the middle of that month were most opportune. These were supplemented by further falls in June and the outlook at present appears much more favourable.

In South Australia useful rains fell over practically the whole State during May. In some parts, however, the average was not reached, but the deficiency was only slight. These rains, which followed good falls towards the end of April and which have since been supplemented by those of June, have considerably enhanced the seasonal prospects.

The greater part of the wheat areas of Western Australia benefited by over-average rains during May. These falls were most opportune and seeding operations which hitherto had been delayed have now been accelerated. Further falls were recorded in June and the seasonal outlook is bright.

In Queensland and Tasmania conditions generally appear to be quite satisfactory.

3. WHEAT PRICES.

The gradual improvement in the price of wheat from June, 1936 to April, 1937 was most pronounced. With the exception of a minor fall occurring in November and February last, the upward movement was continuous. In May and June, however, a slight decrease has been noted; that for the latter month being slightly more pronounced. Fluctuations in prices are not uncommon at this period of the year as they are susceptible to greater movement according to the favourableness or otherwise of the condition of the crops in the Northern Hemisphere. The prospects of heavy yields in the United States of America and improved prospects in some of the principal producing countries in Europe have had a depressing influence on prices and this factor is chiefly responsible for the decreased prices reported. The wheat crops of the abovementioned countries are now reaching the critical stage and much can happen before the harvest is finally garnered. The weather conditions experienced in those areas will continue to dominate prices for some weeks to come, but the market will not be burdened with an accumulation of surplus stocks as was experienced in past years. This fact envisages the prospect that prices should remain about their present level in the immediate future.

WHEAT PRICES - AUSTRALIA.

(Weighted average of shippers' limits for growers' bagged lots,
Sydney, Melbourne and Adelaide)

(pence per bushel)

Month	1932	1933	1934	1935	1936	1937
	d.	d.	d.	d.	d.	d.
January	37.22	32.80	29.32	32.80	44.54	61.84
February	38.03	31.65	28.36	34.12	42.29	60.28
March	36.64	31.70	28.43	36.04	43.22	64.07
April	36.75	32.86	28.92	39.36	44.11	64.39
May	37.46	35.83	29.48	38.75	43.90	62.56
June	35.62	36.83	31.71	36.59	42.19	(a)59.92
July	35.33	39.65	33.78	34.42	46.63	
August	38.35	37.74	38.94	36.81	55.22	
September	39.56	35.41	36.06	40.30	55.64	
October	36.48	29.85	32.59	43.51	58.44	
November	34.64	30.78	29.66	40.11	56.87	
December	32.76	29.81	30.25	41.33	62.98	
Average:	36.57	33.74	31.46	37.84	49.67	

(a) Price on 30th June, 1937 = 63.98d.

4. OVERSEA FREIGHT RATES.

In the following table are shown the monthly details of freight rates on shipments of wheat in parcels from Australia to United Kingdom and Continental ports.

FREIGHT RATES PER TON WEIGHT ON WHEAT (PARCELS) - AUSTRALIA TO THE UNITED KINGDOM AND CONTINENTAL PORTS.

Last day of month	1933	1934	1935	1936	1937
	s.d	s.d	s.d	s.d	s.d
January	26.3	22.6	26.3	28.9	40.0
February	26.3	22.6	23.9	28.9	40.0
March	20.0	20.0	21.3	27.6	42.6
April	20.0	21.3	21.3	25.0	45.0
May	20.0	21.3	22.6	26.3	45.0
June	20.0	22.6	23.9	26.3	
July	21.3	22.6	23.9	30.0	
August	22.6	26.3	23.9	32.6	
September	22.6	26.3	25.0	32.6	
October	23.9	26.3	25.0	32.6	
November	25.0	26.3	25.0	32.6	
December	22.6	26.3	26.3	40.0	

The next table gives particulars of the charter rates for wheat shipments to United Kingdom and Continental ports.

CHARTER RATES PER TON WEIGHT ON WHEAT - AUSTRALIA TO THE UNITED KINGDOM AND CONTINENTAL PORTS.

Month	1932	1933	1934	1935	1936	1937
	s.d	s.d	s.d	s.d	s.d	s.d
March	30.0	23.0	23.0	20.0	27.0	37.6 to 43.0
June	20.0	22.6	24.0	23.0	25.6	38.3 to 53.6(a)
September	25.0	23.6	27.6	27.6	29.3	
December	27.0	26.3	25.6	24.0	32.0 to 45.6	

(a) April and May.

5. EXPORTS OF WHEAT AND FLOUR.

Particulars of the quantity of wheat and flour exported from Australia to principal countries for the five years ending with 1935-36 were given in the first issue of this Summary, but consideration of space precludes their repetition.

In the following table particulars of exports of Wheat and Flour are shown for each of the four months ending with May, together with the total exports for the six months of the cereal years 1935-36 and 1936-37. The principal countries of recorded destination and the exporting States are stated in addition to the total volume of exports in terms of wheat.

5. WHEAT AND FLOUR EXPORTED TO PRINCIPAL COUNTRIES.

Country to which exported	1 9 3 7				TOTAL SEASON DECEMBER-MAY	
	February	March	April	May	1935-36	1936-37
<u>WHEAT - IN BUSHELS OF 60 lb.</u>						
	bushels	bushels	bushels	bushels	bushels	bushels
United Kingdom ..	3,569,420	3,844,715	2,500,972	2,522,560	21,058,349	17,100,765
Irish Free State ..	-	1,204,797	-	665,730	1,220,002	3,019,680
Other British Countries	21,600	60,195	172,735	72,175	1,184,663	792,398
China ..	743,257	346,645	-	-	3,090,660	1,090,432
Italy ..	1,203,095	620,635	306,030	65,342	-	6,769,267
Japan ..	607,092	280,712	37,333	191,183	5,849,388	2,410,430
Other Foreign Countries	85,201	470,228	33,272	21,336,422	3,857,647	1,951,232
For Orders (a) ..	1,588,920	2,680,295	2,735,635	5,169,765	14,154,110	13,190,375
TOTAL:	7,819,585	9,508,222	5,785,977	10,023,177	50,414,759	46,324,909
<u>Exporting States:</u>						
New South Wales	2,499,777	2,596,730	2,544,427	3,163,270	14,187,853	16,271,646
Victoria ..	2,314,860	1,704,940	1,421,055	2,874,572	10,348,033	11,498,022
Queensland ..	33	37	10	80	163	272
South Australia	1,496,158	3,135,785	824,765	2,210,097	15,424,246	10,135,996
Western Australia	1,506,757	2,070,730	995,720	1,755,158	10,454,464	8,418,973
TOTAL:	7,819,585	9,508,222	5,785,977	10,023,177	50,414,759	46,324,909
<u>FLOUR - IN TONS OF 2,000 lb.</u>						
	tons	tons	tons	tons	tons	tons
United Kingdom ..	19,142	17,137	17,636	18,175	68,748	104,946
Ceylon ..	1,296	1,077	1,342	1,116	7,427	7,234
Hong Kong ..	4,288	2,860	2,129	2,617	15,655	19,641
Malaya (British)	6,341	6,523	5,077	4,653	27,317	36,510
Other British Countries	4,464	4,524	5,147	8,672	28,690	35,776
China ..	586	102	174	357	664	1,615
Egypt ..	3,052	2,965	1,756	1,953	10,320	13,897
Manchuria (b) ..	5,834	-	-	-	41,802	5,834
Netherlands East Indies	6,837	6,538	8,009	4,782	34,297	37,846
Philippine Islands	5,253	1,668	4,697	1,425	16,358	19,965
Other Foreign Countries	4,613	2,533	4,677	3,332	23,881	22,006
TOTAL:	61,706	45,927	50,644	47,082	277,160	305,260
<u>Exporting States:</u>						
New South Wales	18,745	15,411	17,607	14,956	101,060	103,977
Victoria ..	27,514	16,076	23,424	20,497	113,234	127,934
Queensland ..	-	-	-	-	9	2
South Australia	7,043	5,226	5,530	6,774	27,026	33,663
Western Australia	8,404	9,214	4,083	4,855	35,831	44,684
TOTAL:	61,706	45,927	50,644	47,083	277,160	305,260
TOTAL -	bushels	bushels	bushels	bushels	bushels	bushels
In Terms of Wheat (c)	2,961,888	2,204,736	2,430,912	2,259,984	13,303,680	14,652,720
Grand Total (						
Exports of { 1935-36	14,767,545	13,610,763	9,682,747	8,385,435	63,710,439	-
Wheat and { 1936-37	10,781,473	11,712,958	8,216,869	12,283,161	-	60,977,629
Flour in {						
Terms of {						
Wheat (c) {						

(a) Particulars of final destination of Wheat shipped "For Orders" not available.

(b) Including Kwantung Peninsula.

(c) One ton of flour taken as equivalent to 48 bushels of wheat.

(d) Including Netherlands, 862,120 bushels.

5. WHEAT AND FLOUR EXPORTED TO PRINCIPAL COUNTRIES.

Country to which exported	1 9 3 7				TOTAL SEASON DECEMBER-MAY	
	February	March	April	May	1935-36	1936-37
WHEAT - IN BUSHELS OF 60 lb.						
United Kingdom ..	bushels 3,569,420	bushels 3,844,715	bushels 2,500,972	bushels 2,522,560	bushels 21,058,349	bushels 17,100,765
Irish Free State ..	-	1,204,797	-	665,730	1,220,002	3,019,680
Other British Countries	21,600	60,195	172,735	72,175	1,184,663	792,398
China ..	743,257	346,645	-	-	3,090,660	1,090,432
Italy ..	1,203,095	620,635	306,030	65,342	-	6,769,367
Japan ..	607,092	280,712	37,333	191,183	5,849,328	2,410,460
Other Foreign Countries	86,201	470,228	33,272	3,336,422	3,857,647	1,951,232
For Orders (a) ..	1,588,920	2,680,295	2,735,635	5,169,765	14,154,110	13,190,375
TOTAL:	7,819,585	9,508,222	5,785,977	10,023,177	50,414,759	46,324,909
Exporting States:						
New South Wales	2,499,777	2,596,730	2,544,427	3,163,270	14,187,853	16,271,646
Victoria ..	2,314,860	1,704,940	1,421,055	2,874,572	10,348,033	11,498,022
Queensland ..	33	37	10	80	163	272
South Australia	1,498,158	3,135,785	824,765	2,210,097	15,424,246	10,135,996
Western Australia	1,506,757	2,070,730	995,720	1,755,158	10,454,464	8,418,973
TOTAL:	7,819,585	9,508,222	5,785,977	10,023,177	50,414,759	46,324,909
FLOUR - IN TONS OF 2,000 lb.						
United Kingdom ..	tons 19,142	tons 17,137	tons 17,636	tons 18,175	tons 68,748	tons 104,946
Ceylon ..	1,296	1,077	1,342	1,116	7,427	7,234
Hong Kong ..	4,288	2,860	2,129	2,617	15,656	19,641
Malaya (British)	6,341	6,523	5,077	4,653	27,317	36,510
Other British Countries	4,464	4,524	5,147	8,672	28,690	35,776
China ..	586	102	174	357	664	1,615
Egypt ..	3,052	2,965	1,756	1,953	10,320	13,887
Manchuria (b) ..	5,834	-	-	-	41,802	5,834
Netherlands East Indies	6,837	6,538	8,009	4,782	33,297	37,246
Philippine Islands	5,253	1,668	4,697	1,426	18,358	19,965
Other Foreign Countries	4,613	2,533	4,677	3,332	23,881	22,006
TOTAL:	61,706	45,927	50,644	47,082	277,160	305,260
Exporting States:						
New South Wales	18,745	15,411	17,607	14,956	101,060	103,977
Victoria ..	27,514	16,076	23,424	20,497	113,234	125,934
Queensland ..	-	-	-	-	9	2
South Australia	7,043	5,226	5,530	6,774	27,026	33,663
Western Australia	8,404	9,214	4,083	4,856	35,831	44,684
TOTAL:	61,706	45,927	50,644	47,083	277,160	305,260
TOTAL -	bushels 2,961,886	bushels 2,204,736	bushels 2,430,912	bushels 2,259,984	bushels 13,303,680	bushels 14,652,720
In Terms of Wheat (c)						
Grand Total (						
Exports of { 1935-36	14,767,545	13,610,753	9,682,747	8,385,435	63,718,439	-
Wheat and { 1936-37	10,781,473	11,712,958	8,216,889	12,283,161	-	60,977,629
Flour in {						
Terms of {						
Wheat (c) {						

(a) Particulars of final destination of Wheat shipped "For Orders" not available.

(b) Including Kwantung Peninsula.

(c) One ton of flour taken as equivalent to 48 bushels of wheat.

(d) Including Netherlands, 862,120 bushels.

6. IMPORTS OF WHEAT AND FLOUR INTO THE UNITED KINGDOM.

The following table shows particulars of the quantity of wheat and flour imported into the United Kingdom in the year 1936, the months of April, 1936 and 1937, and also during the four months ended April for the same years.

Imports of Wheat into the United Kingdom in the month of April, 1937, amounted to 13.4 million bushels which represented a decrease of 14 per cent. compared with the 15.6 million bushels imported during the corresponding month of last year. The Argentine Republic was the largest contributor for April, 1937, with 6.1 million bushels followed by Australia, 3.4 million bushels, and Canada, 3.0 million bushels. Compared with the volume of imports during April, 1936, the Argentine Republic increased its supplies by 6 million bushels. On the other hand imports from Canada and Australia decreased by 4.2 million bushels and 2.9 million bushels, respectively. Total imports, however, during the four months ended April, 1937, were 2.8 million bushels greater during the current year. The Argentine Republic contributed 41 per cent. of the total imports during this period, Canada 32 per cent., and Australia 19 per cent., showing a very considerable change of origin from last year when Canada supplied 50 per cent., Australia 30 per cent., and the Argentine Republic only 1 per cent. of the total quantity imported.

Imports of Flour into the United Kingdom during the first four months of the current year amounted to 169,000 tons which was 1.5 per cent. or 2,527 tons greater than the imports in the same period of last year. Canada and Australia together supplied 83 per cent. of the total imports during this period as compared with 73 per cent. in the four months of 1936. Australia is the only country which has contributed greater quantities than in the corresponding period of last year.

The aggregate imports of wheat and flour into the United Kingdom, in terms of wheat, amounted to 68.4 million bushels during the four months ended April, 1937, being 4 per cent. greater than the imports of 65.5 million bushels for the same period in 1936.

WHEAT AND FLOUR IMPORTED INTO THE UNITED KINGDOM.

Country from which imported	Year 1936	Four months ended April		Month of April	
		1936	1937	1936	1937
	bushels	bushels	bushels	bushels	bushels
Australia ..	43,445,177	17,519,381	11,739,976	6,359,397	3,430,576
Canada ..	107,971,708	28,839,133	19,224,202	7,196,507	2,981,392
India ..	6,082,333	-	1,547,454	-	166,133
Other British Countries	83,951	43	50,837	37	50,835
Argentine Republic	1,786,324	823,536	24,853,079	18,374	6,067,946
France ..	(b)	5,544,154	34,453	475,845	-
Germany ..	-	-	150,108	-	62,770
Roumania ..	8,248,268	582,518	462,413	-	121,975
Soviet Union ..	312,305	310,821	-	-	-
United States of America	84,756	-	-	-	-
Other Foreign Countries	20,162,753	3,876,018	2,205,267	1,512,435	450,825
TOTAL:	186,177,575	57,495,604	60,267,789	15,562,595	13,352,454
<u>FLOUR - IN TONS OF 2,000 lb.</u>					
	tons	tons	tons	tons	tons
Australia ..	138,296	49,052	69,889	9,527	18,295
Canada ..	229,831	71,670	70,964	18,781	17,405
Other British Countries	222	71	670	2	609
Argentine Republic	15,254	3,723	7,128	820	2,342
France ..	40,914	18,352	14,386	3,622	2,904
United States of America	4,345	1,464	1,125	221	226
Other Foreign Countries	39,672	22,448	4,845	3,966	1,067
TOTAL:	468,536	166,480	169,007	36,939	42,848
TOTAL -	bushels	bushels	bushels	bushels	bushels
In terms of Wheat(a)	22,489,728	7,991,040	8,112,336	1,773,072	2,056,704
GRAND TOTAL -					
Imports of Wheat and Flour in terms of Wheat(a)	210,667,303	65,486,644	68,380,125	17,335,667	15,409,158

(a) One ton of flour taken as equivalent to 48 bushels of wheat.

(b) Included with "Other Foreign Countries".

7. PRODUCTION OF FLOUR.

Particulars of the production of flour in Australian mills during the year 1935-36 were included in the fifth issue of this Summary. Considerations of space preclude their repetition.

8. STOCKS OF WHEAT AND FLOUR AND EXPORTABLE SURPLUS.

Particulars concerning stocks of wheat and flour held by millers and merchants, together with those stacked at country sidings and at terminal ports, are collected at the 30th November in each year. This information is shown in the following table, together with the estimated surplus available for export on the date indicated.

EXPORTABLE SURPLUS OF WHEAT AND FLOUR (IN TERMS OF WHEAT) - AUSTRALIA.

Particulars	Unit	1933-34	1934-35	1935-36	1936-37
Stocks at 30th November -					
Wheat ..	bush.	14,375,614	34,708,963	12,371,270	3,418,393
Flour ..	tons	86,638	112,385	89,637	101,063
Total in terms of wheat	bush.	18,534,212	40,103,463	16,673,867	8,269,417
Production ..	bush.	177,337,803	133,393,232	144,217,769	150,170,000
Total supply in slight, 30th November ..	bush.	195,872,015	173,496,695	160,891,636	158,439,417
Less Local requirements for year ..	bush.	54,888,000	54,610,000	55,000,000	56,000,000
Balance = Exportable Surplus	bush.	140,984,015	118,886,695	105,891,636	102,439,417
Less Exports, 1st December to 31st May ..	bush.	44,715,338	61,822,865	63,718,439	60,977,629
Estimated Exportable Surplus at 1st June ..	bush.	96,268,677	57,063,810	42,173,197	41,461,788

Complete details of the disposition of the above stocks are not available. Particulars of the quantities stacked at country sidings and terminal ports are compiled by the Railways Departments, and were as follows on the dates shown:- New South Wales (19th June), 9,460,000 bushels; Victoria (16th June), 13,993,000 bushels; South Australia (29th May), 6,405,000 bushels; Western Australia (12th June), 2,580,000 bushels.

9. INTERNATIONAL REVIEW.

The condition of the wheat crop in the United States appeared to be quite satisfactory but recent reports are not so assuring. The appearance of black and red rust in a number of Northern States has been reported and it would appear that the damage is rather serious. As a result of this, prices have risen sharply. The extent to which the wheat crop has been affected is, as yet, unknown. The harvest of the winter crop is in full swing, and consequently only that portion which has yet to be harvested can be affected. The total production of wheat in the United States was forecasted at 878 million bushels comprising 649 million bushels of winter wheat and 229 million bushels of spring wheat. This estimate, however, will be revised when more complete information becomes known.

Prior to the damage reported, the condition of the crop gave rise to expectations that the United States would be in a position to again enter the export trade from which it had been absent for a period of three years. The extent of the development of United States export trade would be an important factor on both world supply and prices during the cereal year 1937-38.

UNITED STATES WHEAT - PRODUCTION, TRADE, etc.

Year	Production	Net Exports	Consumption	Stocks at end of year
	Million bushels	Million bushels	Million bushels	Million bushels
1927-28	850	193	655	124
1928-29	914	145	649	270
1929-30	823	143	629	321
1930-31	886	115	752	340
1931-32	937	126	750	401
1932-33	757	35	714	409
1933-34	552	28	624	309
1934-35	526	(a) (1)	662	174
1935-36	603	(a) (32)	637	172
1936-37	627	(a) (35)	(b)	(b)
1937-38	(c) 878	-	-	-

(a) Net Imports. (b) Not yet available. (c) Forecast.

The condition of the crop in Canada is variable. In Saskatchewan, many crops have been ruined through lack of rain and recent reports indicate very serious losses. In other parts of the Dominion, however, the conditions are somewhat more favourable but the success of these crops depends upon early and substantial rains and freedom from disease.

It has been asserted that the possibility of Canada producing an abundant harvest this year is very remote. The official estimate, however, of the area sown to wheat and the condition of the crop will not be available until 10th July.

European crops are expected to yield a harvest not in excess of that of last year when 1,474 million bushels were harvested. This quantity is compared with 1,567 million bushels in the year 1935 and with the average of 1,513 million bushels, for the five years ended 1934. In France, Germany and Italy prospects have improved, but considerable damage to crops has been reported elsewhere, including the Soviet Union.

Particulars of the area sown to wheat in the Northern Hemisphere are available in respect of certain countries, and are shown in the following table, together with the percentage increase on the previous year. The production of wheat for the year 1936 is also shown.

AREA SOWN TO WHEAT, - 1937, AND PRODUCTION, 1936

Country	Area Sown			Production 1936
	1936	1937	Percentage Increase (+) Decrease (-)	
	acres	acres	%	1000 bush.
England and Wales ..	1,703,000	1,754,000	+ 3.0	51,445
France ..	12,536,000	12,772,000	+ 2.4	244,349
Germany ..	4,727,000	4,579,000	- 3.9	169,845
Belgium ..	386,000	431,000	+12.0	16,153
Latvia ..	145,000	154,000	+ 6.0	5,272
Lithuania ..	349,000	388,000	+11.1	7,942
Rumania ..	8,481,000	7,253,000	- 6.1	128,716
Poland ..	4,302,000	3,647,000	- 2.4	78,263
Czechoslovakia ..	2,217,000	1,969,000	-10.7	55,582
Bulgaria ..	2,822,000	2,845,000	+ 9.5	59,304
Greece ..	2,011,000	2,076,000	+ 3.2	23,449
Italy ..	12,424,000	12,647,000	+ 1.8	224,272
Soviet Union ..	34,721,000	(c) 36,797,000	+ 6.0	(d)
India ..	32,760,000	32,490,000	- 2.9	352,240
Algeria ..	4,287,000	4,191,000	- 2.2	29,774
Egypt ..	1,464,000	1,415,000	- 3.3	45,701
French Morocco ..	3,194,000	2,669,000	-16.4	13,242
Canada - Winter ..	585,000	646,000	+10.0	229,218
Spring ..	24,704,000	24,368,000	- 1.4	
United States of America -				
Winter ..	49,688,000	57,187,000	+15.0	519,010
Spring ..	(a) 11,212,000	(b) 20,916,000	+86.5	107,450

(a) Area harvested. (b) Farmers' intention to sow. (c) Area according to Plan. (d) Not yet available.

The statistical position of world wheat, as compiled by the International Institute of Agriculture, indicates that the world exportable stocks at the 31st July next will be 120 million bushels, compared with the peak surplus of 625 million bushels held on the corresponding date in 1933. The decline in these stocks at the same date during succeeding years is quoted as follows in millions of bushels:- 1934, 577; 1935, 376; 1936, 190 and at 31st July, 1937, 120.

10. SPECIAL TABULATION OF STATISTICS RELATING TO WHEAT FARMING IN AUSTRALIA.

In conjunction with the State Statisticians, an analysis has been made of the returns collected at the annual agricultural census of 1935-36 in respect of all holdings on which wheat was grown for grain. The object of this analysis was, amongst other things, to ascertain the extent to which certain other forms of farm production were combined with the growing of wheat, i.e. the grazing of sheep, dairy cows, pigs, and, in the case of South Australia, the growing of barley. Other information obtained was in respect of the area of holdings, area sown to wheat for grain and its production. All these details have been classified in their appropriate groupings.

This information was firstly tabulated in statistical divisions for each State, then for the State as a whole, and these have now been combined in the following tables for the four principal States. The omission of Queensland and Tasmania does not seriously detract from the value of the data thus compiled, as the production from these States approximates only 2 per cent. of the total for Australia.

Seasonal conditions under which the wheat crop of 1935-36 was grown were generally favourable in all States with the exception of Western Australia. In Victoria the average yield per acre amounted to 16.16 bushels per acre which considerably exceeded the average for the decennium ending that year (12.15 bushels). In South Australia also the average of 10.58 bushels exceeded the 10 year average by 1.19 bushels whilst in New South Wales the average production for both periods was practically identical.

Seasonal conditions in western Australia were not good and the average yield for the season was only 9.18 bushels per acre, or 2.38 bushels below the decennial average. For Australia the average production amounted to 12.06 bushels per acre compared with 11.54 bushels, the average for the decennium ending that year (1935-36). These considerations should be noted in drawing conclusions from the tables shown. The total number of holdings on which wheat was grown for grain in the four States shown, amounted to 51,529. The total area occupied exceeded 74 million acres, and the average size of each holding was 1,438 acres. The area sown to wheat was 11.7 million acres or an average of 227 acres per holding while the production totalled 141.3 million bushels, representing an average of 2,742 bushels per holding or 12.07 bushels per acre.

The extent to which sheep are grazed on wheat farm in the four States provides an interesting comparison. Of the total number of wheat farms, 39,017 or nearly 76 per cent. grazed sheep numbering 26½ million when the census was taken. This number comprises nearly 30 per cent. of the total number of sheep in the four States shown, ranging between 26 per cent. in New South Wales and 47 per cent. in South Australia. In addition to sheep, the great majority of holdings also carried dairy cows. As indicated in the footnote to the table the particulars available for New South Wales refer only to those holdings which are registered as dairies and therefore an effective comparison cannot be made for the four States. Of the total number of pigs in the States mentioned (942,729) 221,480 or 23½ per cent. were on wheat farms numbering 22,026 or 42½ per cent., whilst on 29,503 farms or 57½ per cent. no pigs were raised.

Further particulars are shown in the remaining tables relating to the number of holdings, area and production. These have been classified for each State and the total for the four States into two groups according to (i) area sown, and (ii) yield per acre. Two additional tables show the percentage distribution for each corresponding item.

The table showing the classification according to the area sown indicates that, in the four States, 13,531 holdings or 26.3 per cent. of the total had areas of less than 100 acres sown to wheat. These totalled an area of 558,000 acres or 4.7 per cent. while the production amounted to 8,319,000 bushels or 6.0 per cent. of the total production. Holdings to the number of 30,203 or 58.6 per cent. had sown areas exceeding 100 acres but less than 400 acres, the total acreage being 6,708,000 acres or 57.3 per cent., which produced 86,095,000 bushels or 60.9 per cent. In the group of 400 acres and upward, 7,795 holdings or 15.1 per cent. sowed wheat on 4,439,000 acres or 38.0 per cent. and produced 46,891,000 bushels or 33.1 per cent.

The next table which shows the classification according to the yield per acre indicates that 24,723 holdings or 48.0 per cent. comprising an area of 6,440,000 acres or 55 per cent. produced 39,498,000 bushels or 28 per cent. at an average yield of less than 12 bushels per acre, as compared with 12.07 bushels per acre, the average for the four States shown. The number of holdings producing 12 bushels and over totalled 26,806 or 52 per cent. The areas sown on these holdings amounted to 5,265,000 acres or 45 per cent. whilst the production amounted to 101,807,000 bushels or 72 per cent. From the above it will be seen that 48 per cent. of the holdings produced only 28 per cent. of the total harvest whilst 52 per cent. of the holdings produced 72 per cent. of the total wheat crop.

NUMBER OF HOLDINGS GROWING WHEAT FOR GRAIN, AREA AND PRODUCTION - PRINCIPAL STATES.
1935-36.

State	Holdings			Wheat			
	Growing Wheat for Grain	Total Area	Average Area	Area Sown	Average Area Sown	Production	Average Production per holding
	No. acres	acres	acres	acres	acres	bushels	bushels
New South Wales	15,923	24,379,178	1,531	3,651,373	242	48,822,000	3,666
Victoria ..	13,780	12,482,336	906	2,323,753	169	37,552,062	2,725
South Australia	12,787	17,896,496	1,400	2,989,490	234	31,615,744	2,472
Western Australia	9,039	19,338,951	2,140	2,540,696	281	23,315,417	2,579
Total (4 States)	51,529	74,097,961	1,438	11,705,312	227	141,305,223	2,742

NUMBER OF HOLDINGS GROWING WHEAT FOR GRAIN AND ALSO CARRYING SHEEP - PRINCIPAL STATES.
1935-36.

State	Holdings				Number of Sheep	Total Number of Sheep in State (a)	Percentage on Wheat Farms
	Without Sheep		With Sheep				
	No.	%	No.	%			
New South Wales	2,296	14.42	13,627	85.58	13,393,541	51,936,000	25.78
Victoria ..	3,806	27.62	9,974	72.38	4,841,152	17,457,291	27.73
South Australia	4,115	32.18	8,672	67.82	3,750,864	7,945,745	47.21
Western Australia	2,295	25.39	6,744	74.61	4,482,667	11,082,972	40.45
Total (4 States)	12,512	24.28	39,017	75.72	26,468,224	86,422,008	29.93

(a) Including Sheep outside wheat areas.

NUMBER OF HOLDINGS GROWING WHEAT FOR GRAIN AND ALSO CARRYING DAIRY COWS -
PRINCIPAL STATES - 1935-36.

State	Holdings				Number of Dairy Cows	Total Number of Dairy Cows in State(b)	Percentage on Wheat Farms
	Without		With				
	Dairy Cows		Dairy Cows				
	No. (a)	%	No. (a)	%	No. (a)	No. (1,091,562)	% (a)
New South Wales							
Victoria ..	1,993	14.46	11,787	85.54	109,049	987,676	11.00
South Australia	1,980	15.48	10,807	84.52	79,159	173,706	45.57
Western Australia	1,791	19.01	7,248	80.19	32,243	130,132	24.78
Total (3 States)	5,764	16.19	29,842	83.81	220,451	1,291,514	17.07

- (a) The particulars available for New South Wales refer to registered dairies only. These details show that of the 15,923 holdings growing wheat for grain 1,775 were also registered as dairies and the number of dairy cows carried was 51,344.
- (b) Including dairy cows outside wheat areas.

NUMBER OF HOLDINGS GROWING WHEAT FOR GRAIN AND ALSO CARRYING PIGS - PRINCIPAL STATES.
1935-36.

State	Holdings				Number of Pigs	Total Number of Pigs in State (a)	Percentage on Wheat Farms
	Without Pigs		With Pigs				
	No.	%	No.	%			
New South Wales	10,462	65.70	5,461	34.30	59,673	436,944	13.66
Victoria	8,298	60.22	5,482	39.78	41,100	314,301	13.06
South Australia	5,425	42.43	7,362	57.57	58,628	93,458	62.73
Western Australia	5,318	58.83	3,721	41.17	62,079	98,026	63.33
Total (4 States)	29,503	57.26	22,026	42.74	221,480	942,729	23.49

(a) Including Pigs outside wheat areas.

NUMBERS OF HOLDINGS GROWING WHEAT FOR GRAIN
CLASSIFIED IN AREA SERIES - PRINCIPAL STATES - 1935-36

Area under wheat for Grain	New South Wales				Victoria				South Australia				Western Australia				TOTAL	
	Hold- ings	Area under Grain	Pro- duction	Hold- ings	Area under Grain	Pro- duction	Hold- ings	Area under Grain	Pro- duction	Hold- ings	Area under Grain	Pro- duction	Hold- ings	Area under Grain	Pro- duction	Hold- ings	Area under Grain	Pro- duction
Acres	No.	1,000 acres	1,000 bushels	No.	1,000 acres	1,000 bushels	No.	1,000 acres	1,000 bushels	No.	1,000 acres	1,000 bushels	No.	1,000 acres	1,000 bushels	No.	1,000 acres	1,000 bushels
1 - 19	938	9	113	1,729	15	258	823	8	108	353	4	38	3,643	36	517			
20 - 49	1,103	35	442	1,472	47	846	1,018	32	432	569	18	188	4,167	132	1,908			
50 - 99	1,562	111	1,496	1,820	127	2,514	1,403	101	1,371	736	51	511	5,521	390	5,894			
100 - 149	3,651	556	8,219	(1,850	218	4,257	1,570	189	2,534	866	102	976)	11,979	1,712	25,320			
150 - 199				(1,542	258	4,715	1,446	245	3,198	854	144	1,421)						
200 - 249				(1,886	402	6,332	1,516	328	3,767	1,048	225	2,212)						
250 - 299	3,553	852	11,995	(989	262	3,908	1,141	306	3,434	931	248	2,319)	11,064	2,623	33,967			
300 - 349				(1,080	334	4,678	1,125	353	3,538	962	302	2,589)	7,160	2,373	26,808			
350 - 399	2,335	779	9,579	(399	145	2,119	1,639	234	2,248	620	226	1,957)						
400 - 499	1,174	506	5,589	560	238	3,581	994	430	3,555	983	420	3,543	3,691	1,594	16,668			
500 - 599	580	308	3,329	241	126	1,595	487	238	2,392	497	263	2,408	1,805	955	10,134			
600 - 699		325	2,217	125	78	1,125	247	154	1,365	249	157	1,400	946	594	6,105			
700 - 799	183	134	1,458	39	28	492	139	102	1,013	128	93	901	489	357	3,864			
800 - 899	107	89	1,059	202	13	202	83	69	653	78	65	668	284	236	2,582			
900 - 999	55	51	616	14	13	166	57	53	446	62	58	637	188	175	1,865			
1000 - 1999	142	161	2,058	18	20	364	95	118	1,008	113	134	1,286	368	453	4,716			
2000 and over	10	35	650	-	-	-	4	9	56	10	31	261	24	75	967			
TOTAL:	15,923	3,651	48,822	13,780	2,324	37,552	12,787	2,989	31,616	9,039	2,541	23,315	51,529	11,705	141,305			
Average per holding - Area sum		242 acres			169 acres			234 acres			281 acres			227 acres				
Production		3,066 bushels			2,725 bushels			2,472 bushels			2,579 bushels			2,742 bushels				

NUMBER OF HOLDINGS GROWING WHEAT FOR GRAIN
CLASSIFIED IN AREA SERIES - PRINCIPAL STATES - 1935-36.

(PERCENTAGE ON TOTAL)

[illegible]

NUMBER OF HOLDINGS GROWING WHEAT FOR GRAIN
CLASSIFIED ACCORDING TO YIELD PER ACRE - PRINCIPAL STATES - 1935-36

Production per acre	New South Wales				Victoria				South Australia				Western Australia				TOTAL			
	Hold-ings	Area under Grain	Pro-duction	Hold-ings	Area under Grain	Pro-duction	Hold-ings	Area under Grain	Pro-duction	Hold-ings	Area under Grain	Pro-duction	Hold-ings	Area under Grain	Pro-duction	Hold-ings	Area under Grain	Pro-duction	Hold-ings	Area under Grain
bushels	No.	1,000 acres	1,000 bushels	No.	1,000 acres	1,000 bushels	No.	1,000 acres	1,000 bushels	No.	1,000 acres	1,000 bushels	No.	1,000 acres	1,000 bushels	No.	1,000 acres	1,000 bushels	No.	1,000 acres
Under 3	1,788	476	620	739	184	271	1,823	475	616	1,054	310	491	5,404	1,445	1,998					
3 and under 6	1,873	511	2,255	797	172	753	1,785	503	2,342	1,362	399	1,782	5,817	1,585	7,132					
6 " 9	1,816	507	3,743	1,071	211	1,549	1,761	492	3,755	1,924	541	4,038	6,672	1,751	13,085					
9 " 12	1,913	465	4,820	1,253	289	2,397	1,762	427	4,547	1,902	538	5,519	6,830	1,659	17,283					
12 " 15	1,726	395	5,249	1,472	249	3,329	1,526	342	4,678	1,456	419	5,572	6,180	1,405	18,828					
15 " 18	1,788	403	6,543	1,856	275	4,520	1,432	277	4,657	809	215	3,475	5,885	1,170	19,195					
18 " 21	1,631	365	7,029	1,865	267	5,232	1,067	193	3,829	366	81	1,539	4,929	906	17,629					
21 " 24	1,264	295	6,575	1,550	236	5,315	703	126	2,893	111	27	582	3,628	884	15,365					
24 " 27	972	220	5,544	1,477	188	5,827	507	88	2,288	38	8	193	2,994	544	13,852					
27 " 30	531	121	3,400	808	140	3,994	205	36	1,031	7	1	46	1,551	298	8,471					
30 " 33	321	61	1,899	635	100	3,146	147	19	1,599	6	2	54	1,109	162	5,700					
33 " 36	123	23	782	128	17	604	38	6	203	1	-	4	290	46	1,593					
36 " 39	57	8	296	96	13	470	19	2	101	-	-	-	172	23	867					
39 " 42	10	1	37	19	2	83	6	1	24	1	-	-	36	4	144					
42 " 45	3	-	15	6	1	20	3	1	31	1	-	-	13	2	79					
45 " 48	5	-	12	6	-	18	3	1	22	1	-	-	7	1	59					
48 " 54	2	-	3	2	-	22	-	-	-	-	-	-	-	-	25					
TOTAL:	15,923	3,851	48,822	13,780	2,324	37,552	12,787	2,989	31,616	9,039	2,541	23,315	51,529	11,705	141,305					
Average	12.68 bushels per acre				16.16 bushels per acre				10.58 bushels per acre				9.18 bushels per acre				12.07 bushels per acre			
Average 10 seasons 1927-36	12.67				12.15				9.39				11.56				11.47			

NUMBER OF HOLDINGS GROWING WHEAT FOR GRAIN
CLASSIFIED ACCORDING TO YIELD PER ACRE - PRINCIPAL STATES - 1935-36.

(PERCENTAGE ON TOTAL)

[illegible]