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NO. 24 : SEASON 1966-67

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FOREWORD

This bulletin contains in greater detail final statistics relating to land utilisation and agricultural activity on rural holdings in Australia during the season 1966-67, which were published, in preliminary form, in the bulletin : Agricultural Statistics, Australia, 1966-67 (Preliminary Statement) (Reference No. 10.2), issued on 19 January 1968. Information shown includes data relating to the number, area and manner of utilisation of rural holdings, together with details of area, production and average yield of individual crops. Wherever possible, comparison is provided with previous seasons.

The statistics are derived principally from annual census returns supplied by approximately 250,000 farmers who utilise one acre or more for agricultural or pastoral purposes. These returns have been collected by the Statisticians of each State and Territory.

Detailed information for the fruit growing industry has already been published in the statistical bulletin : The Fruit Growing Industry, Australia, No. 23 - Season 1966-67 (Reference No. 10.11). Comprehensive information regarding production, overseas trade, utilisation and marketing of wheat, including some international statistics, has been published in the statistical bulletin : The Wheat Industry, No. 112, 1966-67 and 1967-68 (Preliminary) (Ref. No. 10.36).

Particulars of exports and imports of the principal items of Australian produce are included, as well as tables showing details of the use of artificial fertilisers, area of land under irrigated culture and aerial agricultural operations.

A wide range of statistics covering all aspects of rural industry in Australia in 1966-67 will be published in the bulletin : Rural Industries, No. 5, (Ref. No. 10.29) which will be issued at a later date.

Statistics of areas and production of crops relate, in the main, to crops sown during the year ended March. Statistics of perennial crops relate to the position as at 31 March and production during the year ended on that date. For more detailed information in regard to the period covered, please refer to introductory notes to the statistical bulletin : Rural Industries. (See, for example, Bulletin No. 2, 1963-64).

SYMBOLSSYMBOLS USED IN THIS BULLETIN

- p - Preliminary. Subject to revision.
- n.a. - Not available.
- .. - Nil or less than half the final
digit shown.

Any discrepancies between totals and sums
of components in tables are due to rounding.

I. NUMBER AND AREA OF RURAL HOLDINGS

A "rural holding" in Australia is defined for the purpose of these statistics as a piece of land of one acre or more in extent used for the production of agricultural products (including fruit and vegetables), or for the raising of livestock (including poultry and bees) and the marketing of livestock products. In cases where landowners or occupiers possess or work more than one holding, separate returns are required for each, except where the holdings are in close proximity and are worked as one.

TABLE 1. - NUMBER AND AREA OF RURAL HOLDINGS

Season	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
NUMBER									
1962-63	76,294	69,700	43,284	28,922	22,554	10,974	281	217	252,226
1963-64	77,339	69,775	43,183	28,711	22,770	10,949	299	214	253,240
1964-65	77,098	69,737	43,565	28,754	22,856	10,979	307	207	253,503
1965-66	76,152	69,199	43,914	28,759	22,853	10,777	305	203	252,162
1966-67	76,251	68,466	43,858	28,957	23,181	10,641	304	200	251,858
AREA ('000 acres)									
1962-63	172,038	37,709	376,788	156,697	262,660	6,422	164,955	376	1,177,645
1963-64	172,076	37,798	376,687	158,905	266,556	6,377	165,734	373	1,184,506
1964-65	172,148	37,844	377,010	156,955	268,553	6,420	171,482	358	1,190,770
1965-66	171,200	37,844	380,325	159,394	270,054	6,496	175,862	355	1,201,531
1966-67	171,652	38,653	379,977	161,510	274,765	6,507	170,018	350	1,203,431

II. LAND USE STATISTICS : RURAL HOLDINGS

TABLE 2. - LAND UTILISATION OF RURAL HOLDINGS : AUSTRALIA

('000 acres)

Season	Area used for crops (a)	Land lying fallow (b)	Area under sown grasses and clovers (c)	Balance of holdings (d)	Total area of holdings
1962-63	30,056	8,719	40,991	1,097,879	1,177,645
1963-64	29,948	8,510	44,211	1,101,837	1,184,506
1964-65	32,251	8,466	47,159	1,102,894	1,190,770
1965-66	32,798	10,471	48,519	1,109,742	1,201,531
1966-67 -					
N.S.W.	12,045	2,860	10,617	146,131	171,652
Vic.	5,492	2,751	15,768	14,642	38,653
Qld	4,470	731	3,993	370,782	379,977
S.A.	6,267	1,331	6,207	147,705	161,510
W.A.	8,558	2,023	13,018	251,166	274,765
Tas.	243	86	1,755	4,423	6,507
N.T.	4	..	26	169,988	170,018
A.C.T.	8	1	88	253	350
AUSTRALIA	37,087	9,784	51,471	1,105,090	1,203,431

(a) Excludes duplication on account of area double cropped except for N.S.W. and S.A. Excludes clovers and grasses cut for hay and seed which have been included in "Area under sown grasses and clovers". (b) Excludes short or summer fallow. (c) Includes paspalum. (d) Used for grazing, lying idle, etc.

The figures set out in the following table include the double counting of areas on which two or more crops were grown in the same season together with areas of clovers and grasses cut for hay and seed. They are therefore not comparable with "Area used for crops" in Table 2.

TABLE 2. - TOTAL AREA OF ALL CROPS
(¹000 acres)

Season	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
1962-63	8,903	6,318	3,490	5,495	7,482	395	2	7	32,092
1963-64	8,997	6,102	3,665	5,975	6,915	380	3	8	32,045
1964-65	10,334	6,477	3,967	5,965	7,505	404	4	9	34,665
1965-66	9,052	6,219	4,119	6,030	8,680	386	4	8	34,498
1966-67	12,421	6,765	4,605	6,488	8,817	443	4	10	39,553

TABLE 4. - AREA OF LAND LYING FALLOW AS COMPARED
WITH AREA UNDER CEREALS FOR GRAIN

Season	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
AREA LYING FALLOW (¹ 000 acres)									
1962-63	2,395	2,521	571	1,158	1,999	74	..	1	8,719
1963-64	2,440	2,525	638	1,115	1,712	78	..	2	8,510
1964-65	2,223	2,484	691	1,231	1,757	79	..	1	8,466
1965-66	3,771	2,620	860	1,201	1,942	76	..	1	10,471
1966-67	2,860	2,751	731	1,331	2,023	86	..	1	9,784

AREA UNDER CEREALS FOR GRAIN
(¹000 acres)

1962-63	6,123	4,275	1,643	4,093	6,380	66	(a)	3	(b)22,583
1963-64	6,137	4,231	1,679	4,457	6,073	62	1	4	22,644
1964-65	7,009	4,407	1,819	4,309	6,616	60	1	4	24,225
1965-66	6,059	4,250	1,880	4,334	7,813	62	1	3	24,402
1966-67	9,113	4,461	2,292	4,633	7,934	70	1	4	28,508

AREA OF LAND LYING FALLOW AS PROPORTION OF AREA UNDER CEREALS FOR GRAIN
(Per cent)

1962-63	39.1	59.0	34.8	28.3	31.3	(c)	..	48.1	38.6
1963-64	39.8	59.7	38.0	25.0	28.2	(c)	..	42.5	37.6
1964-65	31.7	56.4	38.0	28.6	26.6	(c)	..	26.1	35.0
1965-66	62.2	61.7	45.8	27.7	24.9	(c)	..	29.9	42.9
1966-67	31.4	61.7	31.9	28.7	25.5	(c)	..	26.5	34.3

(a) Not available for publication. (b) Excludes Northern Territory. (c) Area in fallow exceeds that sown to cereals for grain.

TABLE 5. - AREA UNDER SOWN GRASSES AND CLOVERS
(¹000 acres)

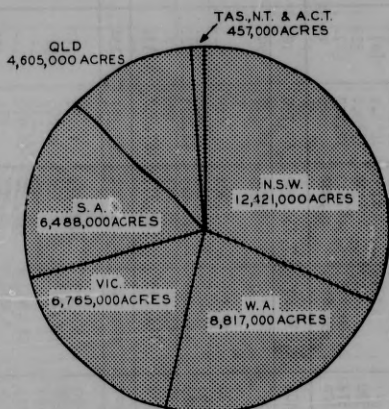
Season	N.S.W.	Vic. (a)	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
1962-63	10,179	12,629	3,079	4,890	8,680	1,448	7	79	40,991
1963-64	10,625	14,063	3,292	5,116	9,510	1,511	11	83	44,211
1964-65	11,074	14,830	3,438	5,673	10,427	1,610	15	92	47,159
1965-66	10,884	14,804	3,739	5,923	11,382	1,685	17	86	48,519
1966-67	10,617	15,768	3,993	6,207	13,018	1,755	26	88	51,471

(a) Includes area of native grasses cut for hay.

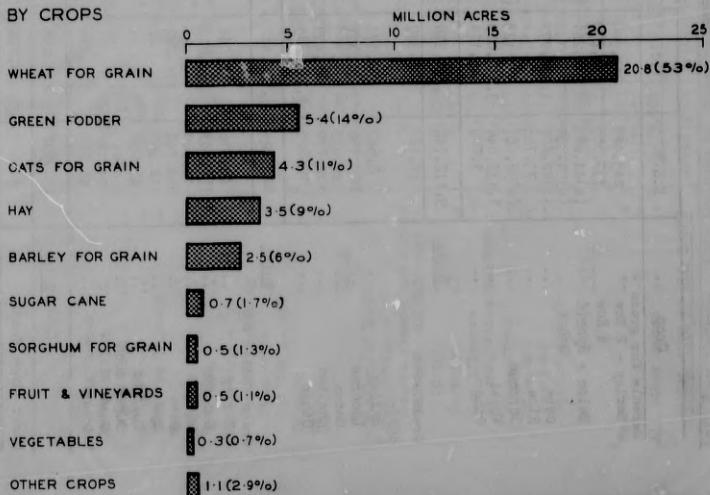
TOTAL AREA OF ALL CROPS: AUSTRALIA, 1966-67

39,553,000 ACRES

BY STATES



BY CROPS



III. DETAILED CROP STATISTICS

TABLE 6. - AREA OF CROPS : 1966-67
acres

Crop	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
Cereals for grain -									
Barley - 2 Row	245,489	213,380	343,760	1,056,394	72,190	20,065	..	..	1,951,278
6 Row	139,685	14,270	39,976	50,564	300,909	992	..	..	546,396
Maize - Hybrid	(a)44,688	1,261	(a)141,133	..	(b) ..	..	..	..	(c)187,082
Other	(a) 4,331	146	(a) 9,877	..	5	..	(d) ..	..	(c) 14,359
Oats ..	1,362,607	1,078,877	66,482	508,845	1,203,815	35,909	..	1,797	4,258,332
Rice ..	73,724	..	..	..	(d) ..	..	(e) ..	..	(c) 73,724
Sorghum	(a)98,161	123	(a)403,500	..	38	..	527	..	502,349
Wheat ..	7,135,046	3,138,029	1,227,377	2,960,275	6,346,613	12,747	..	2,666	20,822,753
Other ..	9,009	15,184	60,302	56,617	10,682	25	..	..	151,819
<u>Total</u>	9,112,740	4,461,270	2,292,407	4,632,695	7,931,252	69,738	527	4,463	28,508,092
Grass seed ..	57,120	36,340	31,500	54,123	118,258	(f)5,136	905	503	303,885
Hay -									
Barley ..	2,643	3,174	3,228	17,459	2,904	149	..	..	29,557 ^g
Lucerne ..	269,158	99,361	92,463	67,055	2,909	1,803	..	1,874	534,623
Oaten ..	129,059	213,109	11,323	135,051	111,045	14,033	..	466	614,086
Wheaten ..	102,740	29,453	10,138	47,988	35,247	146	..	22	225,734
Other ..	319,828	1,213,385	11,555	214,189	142,977	187,050	1,334	1,621	2,091,939
<u>Total</u>	823,428	1,558,482	128,707	481,742	295,082	203,181	1,334	3,983	3,495,939
Green fodder -									
Barley ..	43,716	8,044	51,820	57,528	22,073	1,159	..	..	184,340
Lucerne ..	1,158,949	163,843	125,070	770,237	6,396	1,205	(g) 358	(c)2,226,058	
Maize ..	11,628	3,421	11,497	..	625	216	..	..	27,387
Oats ..	694,740	176,752	590,843	313,803	332,090	50,910	..	712	2,159,850
Rye ..	12,369	..	..	8,820	6,961	271	..	..	28,421
Sorghum ..	45,052	..	176,635	..	2,453	..	(g) ..	..	(c)224,140
Sugar cane ..	n.a.	..	1,216	..	..	..	..	..	(c) 1,216
Wheat ..	81,128	..	61,830	8,314	10,590	1,234	..	5	163,101
Other ..	85,010	91,378	160,150	9,986	17,639	19,338	463	25	383,989
<u>Total</u>	2,132,592	443,438	1,179,061	1,168,688	398,827	74,333	463	1,100	5,398,502
Other stock fodder	14,659	26,291	3,090	31,384	4,575	31,517	n.a.	..	(c)111,516

For footnotes see next page.

TABLE 6. - AREA OF CROPS (acres) : 1966-67 - continued

Crop	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia		
Industrial crops -											
Broom millet	1,881	169	239	..	14	..	..	..	2,303
Canary seed	(d)	..	4,439	..	..	..	..	..	(c) 4,439
Cotton	30,104	..	(a) 11,167	..	11,892	..	..	..	53,163
Flax for linseed	9,580	5,012	17,854	389	1,751	..	..	..	34,586
Hops .. ..	..	(h) 714	..	..	(d)	(h) 1,556	..	..	(c) 2,270
Peanuts	397	..	69,330	..	..	..	(d)	..	(c) 69,727
Safflower	5,092	729	88,803	(d)	(a)	..	..	..	(c) 94,624
Sugar cane -											
Cut for crushing	22,475	..	534,998	..	..	..	..	..	557,473
Stand-over	18,548	..	78,609	..	..	..	..	..	97,157
Cut for plants	613	..	13,265	..	..	..	..	..	13,878
Tobacco	1,794	8,455	12,134	..	..	..	..	..	22,383
Other	1,025	1,359	12,917	..	..	245	..	..	15,546
Total	91,509	16,438	843,755	389	13,657	1,801	(d)	..	(c) 967,549		
Vegetables for human consumption -											
Beans, french and runner	5,777	3,607	6,457	487	1,070	971	4	}	(c) 18,073		
Cabbages and brussels sprouts	1,352	2,693	932	524	400	274	18				
Carrots	2,380	2,089	674	368	429	386	(i)				
Cauliflowers	1,779	2,481	559	633	679	229	4				
Onions, white and brown	1,256	3,295	3,495	1,631	413	120	(i)				
Peas, green	11,678	30,474	1,236	4,035	3,237	15,304	..				
Potatoes	23,594	37,167	16,227	5,948	6,100	10,278	(i)				
Tomatoes	4,551	5,485	5,522	1,408	691	107	27				
Other vegetables	13,862	8,415	29,925	2,693	2,755	5,449	165				
Total	66,229	95,706	65,027	17,426	15,773	33,118	218			125	293,622
Fruit	96,482	73,519	50,058	44,157	26,457	22,343	133			38	313,187
Vineyards	21,257	49,164	3,304	57,080	7,945	..	..	..	138,750
All other crops	5,008	4,226	7,861	348	2,146	2,296	45	35	21,965		
TOTAL AREA OF ALL CROPS	12,421,024	6,764,874	4,604,770	6,488,032	8,816,972	443,463	3,625	10,247	39,553,007		

(a) Sown 1965-66. (b) Included in "Other maize". (c) Incomplete; see individual States. (d) Not available for publication; included in "All other crops". (e) Not available for publication; excluded from totals. (f) Excludes area sown simultaneously to oats. (g) Not available for publication; included in "Other". (h) Includes 43 acres not bearing in Victoria and 88 acres not bearing in Tasmania. (i) Not available for publication; included in "Other vegetables".

TABLE 7. - PRODUCTION OF PRINCIPAL CROPS : 1966-67

Crop	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
Cereals for grain -									
Barley - 2 Row .. '000 bus	7,359	5,066	11,917	22,678	1,450	736	..	..	49,207
6 Row .. " "	4,437	355	1,277	1,020	5,257	35	..	..	12,381
Maize - Hybrid .. " "	(a)2,301	67	(a)4,659	..	(b)	..	..	..	(c)7,026
Other .. " "	(a) 170	5	(a) 289	..	..	..	(d)	..	(c) 465
Oats .. " "	41,003	31,248	1,467	10,276	22,117	948	..	47	107,106
Rice .. " "	11,250	..	..	..	(d)	..	(d)	..	(c)11,250
Sorghum .. " "	(a)1,527	4	(a)10,172	..	..	..	8	..	11,711
Wheat .. " "	202,501	70,896	35,730	53,816	103,195	385	..	87	466,610
Grass seed .. cwt	94,753	58,879	30,088	68,199	220,646	(e)9,694	2,094	183	484,536
Hay - Barley .. tons	4,201	5,535	4,255	19,416	3,791	256	..	..	37,454
Lucerne .. " "	595,796	217,406	258,964	122,245	5,208	4,021	..	5,188	1,208,828
Oaten .. " "	208,254	374,520	17,278	182,605	151,287	30,402	..	1,012	965,358
Wheaten .. " "	163,028	45,751	15,261	65,022	43,791	215	..	43	333,111
Other .. " "	510,005	2,338,335	17,975	339,970	213,286	402,013	2,179	2,273	3,826,036
Total hay "	1,481,284	2,981,547	313,733	729,258	417,363	436,907	2,179	8,516	6,370,787
Industrial crops -									
Broom millet - Fibre cwt	12,659	893	694	..	80	..	..	..	14,326
Grain bus	18,795	595	n.a.	..	..	..	..	..	(c)19,390
Canary seed .. " (d)	..	..	64,251	..	..	..	..	..	(c)64,251
Cotton, unginned .. '000 lb	79,159	..	(a)11,800	..	29,400	..	..	..	120,360
Flax - Linseed .. tons	3,265	2,319	7,338	188	634	..	..	..	13,744
Hops (dry weight).. cwt	..	10,234	..	..	(d)	18,673	..	..	(c)28,907
Peanuts .. " "	5,194	..	821,957	..	..	..	(d)	..	(c)827,151
Safflower .. bus	71,823	7,336	1,290,087	(d)	(a)	..	..	..	(c)1,369,246
Sugar cane, crushed '000 tons	1,171	..	15,513	..	..	..	..	..	16,685
Tobacco (dried leaf) '000 lb	2,133	10,123	14,819	..	..	..	..	..	27,075
Vegetables for human consumption -									
Beans, french and runner tons	9,543	7,474	11,670	517	4,078	3,628	2	(c)36,912	
Cabbages & brussels sprouts .. " "	17,086	32,211	9,089	9,701	4,990	3,017	57	(c)76,151	
Carrots .. " "	25,167	29,860	5,495	5,224	5,657	6,196	(d)	(d)	(c)77,599
Cauliflowers .. " "	20,461	32,149	3,776	12,021	6,706	2,039	16	(c)77,168	
Onions, white and brown .. " "	10,809	22,375	27,033	17,933	5,417	898	(d)	(c)184,465	
Peas, green .. " "	11,393	41,006	1,275	4,088	4,979	56,340	..	(c)119,081	
Potatoes .. " "	126,183	225,186	93,738	60,271	64,169	73,300	(d)	120	(c)642,967
Tomatoes .. " "	40,366	77,228	25,821	21,385	7,398	714	53	(d)	(c)172,965
Vineyards -									
Total grapes for all purposes "	114,350	326,592	4,438	226,666	13,080	..	..	..	685,126

(a) Harvested from crop sown in 1965-66. (b) Included in "Other maize". (c) Incomplete; see individual States.

(d) Not available for publication. (e) Includes production from area sown simultaneously to oats.

TABLE 8. - YIELD PER ACRE OF PRINCIPAL CROPS : 1966-67

Crop	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
Cereals for grain -									
Barley - 2 Row bus	30.0	23.7	34.7	21.5	20.1	36.7	..	..	25.2
6 Row "	31.8	24.9	31.9	20.2	17.5	35.6	..	..	22.7
Maize - Hybrid "	(a) 51.5	53.2	(a) 33.0	..	(b) ..	..	..	..	(c) 37.6
Other "	(a) 39.4	34.8	(a) 29.3	..	12.8	..	(d)	..	(c) 32.4
Oats "	30.1	29.0	22.1	20.2	18.4	26.4	..	26.2	25.2
Rice "	152.6	..	..	..	(d) ..	..	(d)	..	(c) 152.6
Sorghum "	(a) 15.6	35.9	(a) 25.2	..	6.1	..	14.3	..	23.3
Wheat "	28.4	22.6	29.1	18.2	16.3	30.2	..	32.5	22.4
Grass seed cwt	1.66	1.62	0.96	1.26	1.87	n.a.	0.23	0.36	n.a.
Hay -									
Barley tons	1.59	1.74	1.32	1.11	1.31	1.72	..	..	1.27
Lucerne "	2.21	2.19	2.80	1.82	1.79	2.23	..	2.77	2.26
Oaten "	1.61	1.76	1.53	1.35	1.36	2.17	..	2.17	1.57
Wheaten "	1.59	1.55	1.51	1.35	1.24	1.47	..	1.95	1.48
Other "	1.59	1.93	1.56	1.59	1.49	2.15	1.63	1.40	1.83
Total hay "	1.80	1.91	2.44	1.51	1.41	2.15	1.63	2.14	1.82
Industrial crops -									
Broom millet - Fibre .. cwt	6.73	5.28	2.90	..	5.71	..	..	..	6.22
Grain bus	9.99	3.52	n.a.	..	..	..	..	..	n.a.
Canary seed "	(d)	..	14.50	..	..	..	..	..	(c) 14.50
Cotton, unginned lb	2,630	..	(a) 1,057	..	2,472	..	..	..	2,264
Flax - Linseed tons	0.34	0.46	0.41	0.48	0.36	..	..	..	0.40
Hops (dry weight) cwt	..	15.25	..	..	(d)	12.72	..	..	(c) 13.51
Peanuts "	13.08	..	11.86	..	..	..	(d)	..	(c) 11.86
Safflower bus	14.11	10.06	14.53	(d)	(d)	..	..	..	(c) 14.47
Sugar cane, crushed tons	52.12	..	29.00	..	..	..	..	..	29.93
Tobacco (dried leaf) .. lb	1,189	1,197	1,221	..	..	..	..	..	1,210
Vegetables for human consumption -									
Beans, french and runner tons	1.65	2.07	1.81	2.76	3.81	3.74	0.50	..	(c) 2.04
Cabbages and brussels sprouts .. "	12.64	11.96	9.75	18.51	12.48	11.01	3.17	..	(c) 12.30
Carrots "	10.57	14.29	8.15	14.20	13.19	16.05	(d)	..	(c) 12.27
Cauliflowers "	11.50	12.96	6.75	18.99	9.88	8.90	4.00	(d)	(c) 12.13
Onions, white and brown "	8.61	6.79	7.73	11.00	13.12	7.48	(d)	..	(c) 8.27
Peas, green "	0.98	1.35	1.03	1.01	1.54	3.68	..	..	(c) 1.81
Potatoes "	5.35	6.06	5.78	10.13	10.52	7.13	(d)	8.57	(c) 6.47
Tomatoes "	8.87	14.08	4.68	15.19	10.71	6.67	1.96	(d)	(c) 9.72
Vineyards -									
Total grapes for all purposes .. "	6.05	7.20	1.52	4.30	1.79	..	..	..	5.38

(a) Crop harvested 1966-67 - area sown 1965-66. (b) Included in "Other maize". (c) Incomplete; see individual States.
(d) Not available for publication.

TABLE 9. - AREA OF CROPS : AUSTRALIA

(acres)

Crop	1962-63	1963-64	1964-65	1965-66	1966-67
Cereals for grain -					
Barley - 2 Row ..	1,553,208	1,620,974	1,654,587	1,766,474	1,951,278
6 Row ..	474,265	392,332	409,477	531,207	546,396
Maize - Hybrid ..	161,025	171,647	176,491	164,386	187,082
Other ..	48,465	43,114	35,832	32,379	14,359
Oats ..	3,292,115	3,392,162	3,497,227	3,767,758	4,258,332
Rice ..	54,929	59,398	61,617	64,398	73,724
Sorghum ..	391,334	365,708	345,737	433,437	502,349
Wheat ..	16,468,603	16,473,539	17,918,642	17,514,584	20,822,753
Other ..	139,345	125,311	125,562	127,078	151,819
<u>Total</u> ..	22,583,289	22,644,185	24,225,172	24,401,701	28,508,092
Grass seed ..	162,288	219,222	258,193	227,402	303,885
Hay -					
Barley ..	25,213	22,975	16,547	27,776	29,557
Lucerne ..	386,815	360,320	365,769	456,917	534,623
Oaten ..	587,354	517,042	479,986	585,897	614,086
Wheaten ..	218,705	164,957	167,153	292,687	225,734
Other ..	1,502,171	1,536,375	1,763,084	1,416,936	2,091,939
<u>Total</u> ..	2,720,258	2,601,669	2,792,539	2,780,213	3,495,939
Green fodder -					
Barley ..	158,180	144,010	139,345	151,801	184,340
Lucerne ..	1,915,126	1,933,660	2,424,815	2,097,815	2,226,058
Maize ..	39,146	32,919	28,779	34,179	27,387
Oats ..	2,072,287	2,035,327	2,321,730	2,169,435	2,159,850
Rye ..	22,124	15,788	21,471	21,851	28,421
Sorghum ..	124,372	113,534	120,853	192,643	224,140
Sugar cane ..	1,249	2,551	2,404	4,284	1,216
Wheat ..	220,681	201,294	173,348	176,811	163,101
Other ..	398,472	397,705	380,782	475,514	383,989
<u>Total</u> ..	4,951,637	4,876,788	5,613,527	5,324,333	5,398,502
Other Stock fodder ..	127,044	118,848	97,725	106,640	111,516

TABLE 9. - AREA OF CROPS : AUSTRALIA - continued

(acres)

Crop	1962-63	1963-64	1964-65	1965-66	1966-67
Industrial Crops -					
Broom millet ..	3,368	2,735	2,485	2,075	2,303
Canary seed ..	68,806	38,012	11,435	13,440	4,439
Cotton ..	37,689	40,938	37,922	54,938	53,163
Flax for linseed ..	97,064	117,501	133,847	24,587	34,586
Hops ..	2,066	2,174	2,247	2,206	2,270
Peanuts ..	35,947	44,960	45,954	57,708	69,727
Safflower ..	5,694	19,379	47,509	60,276	94,624
Sugar cane -					
Cut for crushing ..	401,586	417,568	470,385	503,199	557,473
Stand-over ..	93,094	107,353	143,949	128,711	97,157
Cut for plants ..	11,808	13,799	13,624	14,911	13,878
Tobacco ..	29,381	29,025	26,308	23,481	22,383
Other ..	12,881	10,749	9,893	11,998	15,546
<u>Total</u> ..	799,384	844,193	945,517	897,571	967,549
Vegetables for human consumption -					
Beans, french and runner ..	18,429	17,969	16,692	17,319	18,073
Cabbages and brussels sprouts ..	5,867	6,190	5,959	5,915	6,193
Carrots ..	5,204	5,446	5,591	5,922	6,326
Cauliflowers ..	6,659	6,631	6,941	6,511	6,364
Onions, white and brown ..	10,765	9,222	9,707	8,250	10,210
Peas, green ..	52,925	50,971	57,948	66,938	65,964
Potatoes ..	113,742	101,987	87,919	96,311	99,328
Tomatoes ..	16,506	16,356	16,315	16,705	17,791
Other vegetables ..	58,398	62,068	58,506	65,508	63,375
<u>Total</u> ..	288,496	276,840	265,578	289,378	293,622
Fruit ..	304,911	309,840	310,646	313,207	313,187
Vineyards ..	133,554	135,800	138,926	140,122	138,750
All other crops ..	21,034	17,717	17,261	17,514	21,965
<u>TOTAL AREA OF ALL CROPS</u> ..	32,091,895	32,045,102	34,665,084	34,498,079	39,553,007

TABLE 10. - PRODUCTION OF PRINCIPAL CROPS : AUSTRALIA

Crop			1962-63	1963-64	1964-65	1965-66	1966-67
Cereals for grain -							
Barley - 2 Row	..	'000 bus	31,370	36,464	41,775	33,235	49,207
" 6 Row	..	" "	8,209	6,931	7,540	8,600	12,381
Maize - Hybrid	..	" "	6,064	5,592	5,896	4,253	7,026
" Other	..	" "	1,393	1,130	983	664	465
Oats	..	" "	68,809	68,234	70,043	60,739	107,106
Rice	..	" "	7,129	7,455	8,030	9,540	11,250
Sorghum	..	" "	10,252	7,889	7,164	7,149	11,711
Wheat	..	" "	306,912	327,912	368,789	259,666	466,610
Grass seed	..	cwt	232,669	333,286	411,919	356,815	484,536
Hay -							
Barley	..	tons	29,089	29,059	20,738	30,836	37,454
Lucerne	..	"	796,519	772,339	785,158	864,066	1,208,828
Oaten	..	"	888,918	769,119	725,258	761,717	965,358
Wheaten	..	"	304,641	240,106	241,496	292,728	333,111
Other	..	"	2,697,795	2,458,736	3,190,768	2,229,285	3,826,036
<u>Total hay</u>			<u>4,716,962</u>	<u>4,269,359</u>	<u>4,963,418</u>	<u>4,178,632</u>	<u>8,370,787</u>
Industrial crops -							
Broom millet - Fibre	..	cwt	17,831	14,124	11,716	11,896	14,326
" Grain	..	bus	24,701	18,776	12,501	18,496	19,390
Canary seed	..	"	730,089	379,920	140,463	141,525	64,251
Cotton, unginned	..	'000 lb	15,762	18,223	63,009	133,850	120,360
Flax - Linseed	..	tons	25,717	29,516	46,600	6,064	13,744
Hops (dry weight)	..	cwt	33,629	19,858	27,893	37,394	28,907
Peanuts	..	"	319,402	460,726	207,115	548,279	827,151
Safflower	..	bus	90,021	303,039	697,395	549,559	1,369,246
Sugar cane, crushed	..	'000 tons	12,736	12,118	15,070	14,155	16,685
Tobacco (dried leaf)	..	'000 lb	27,148	34,342	25,111	27,361	27,075
Vegetables for human consumption -							
Beans, french and runner	..	tons	32,373	33,065	30,302	30,434	36,912
Cabbages and brussels sprouts	..	"	62,748	66,147	65,914	69,134	76,151
Carrots	..	"	55,380	58,478	62,629	67,833	77,599
Cauliflowers	..	"	76,811	72,677	74,262	73,967	77,168
Onions, white and brown	..	"	68,219	59,278	69,701	58,124	84,465
Peas, green	..	"	79,046	74,229	100,603	102,661	119,081
Potatoes	..	"	666,596	562,032	508,129	639,000	642,967
Tomatoes	..	"	129,044	135,815	147,194	159,707	172,965
Vineyards -							
Total grapes for all purposes	..	"	471,424	645,737	679,623	582,116	685,126

TABLE 11. - YIELD PER ACRE OF PRINCIPAL CROPS: AUSTRALIA

Crop			1962-63	1963-64	1964-65	1965-66	1966-67
Cereals for grain -							
Barley - 2 Row	..	bus	20.2	22.5	25.2	18.8	25.2
6 Row	..	"	17.3	17.7	18.4	16.2	22.7
Maize - Hybrid	..	"	37.7	32.6	33.4	25.9	37.6
Other	..	"	28.7	26.2	27.4	20.5	32.4
Oats	..	"	20.9	20.1	20.0	16.1	25.2
Rice	..	"	129.8	125.5	130.3	148.1	152.6
Sorghum	..	"	26.2	21.6	20.7	16.5	23.3
Wheat	..	"	18.6	19.9	20.6	14.8	22.4
Hay -							
Barley	..	tons	1.15	1.26	1.25	1.11	1.27
Lucerne	..	"	2.06	2.14	2.15	1.89	2.26
Oaten	..	"	1.51	1.49	1.51	1.30	1.57
Wheaten	..	"	1.39	1.46	1.44	1.00	1.48
Other	..	"	1.80	1.60	1.81	1.57	1.83
		<u>Total hay</u>	1.73	1.64	1.78	1.50	1.82
Industrial crops -							
Broom millet (fibre)	..	cwt	5.29	5.16	4.71	5.73	6.22
Canary seed	..	bus	10.6	10.0	12.3	10.5	14.5
Cotton, unginned	..	lb	418	445	1,662	2,436	2,264
Flax - Linseed	..	tons	0.26	0.25	0.35	0.25	0.40
Hops (dry weight)	..	cwt	16.82	9.68	13.23	17.24	13.51
Peanuts	..	"	8.89	10.25	4.51	9.50	11.86
Safflower	..	bus	15.81	15.64	14.68	9.12	14.47
Sugar cane, crushed	..	tons	31.71	29.02	32.04	28.13	29.93
Tobacco (dried leaf)	..	ib	924	1,183	954	1,165	1,210
Vegetables for human consumption -							
			1.76				
Beans, french and runner	..	tons	10.70	1.84	1.82	1.76	2.04
Cabbages and brussels sprouts	..	"	10.64	10.69	11.06	11.69	12.30
Carrots	..	"	11.53	10.74	11.20	11.45	12.27
Cauliflowers	..	"	6.34	10.96	10.70	11.36	12.13
Onions, white and brown	..	"	1.49	6.43	7.18	7.04	8.27
Peas, green	..	"	5.86	1.46	1.74	1.53	1.81
Potatoes	..	"	7.82	5.51	5.78	6.63	6.47
Tomatoes	..	"		8.30	9.02	9.56	9.72
Vineyards -							
Total grapes for all purposes	..	"	3.86	5.21	5.42	4.56	5.38

IV. OVERSEAS TRADE IN PRINCIPAL AGRICULTURAL PRODUCTS

TABLE 12. - EXPORTS OF PRINCIPAL AGRICULTURAL PRODUCTS : AUSTRALIA, 1965-66 AND 1966-67

Australian Export Commodity Classification (a)	Item	1965-66		1966-67		
		Quantity (Australian produce only)	Value (\$'000 f.o.b. port of shipment)	Quantity (Australian produce only)	Value (\$'000 f.o.b. port of shipment)	
041.00	Cereals, unmilled - Wheat	tons	5,075,344	246,062	6,403,160	361,227
042	Rice (including milled)	"	63,507	8,075	88,558	11,530
043.00	Barley	"	223,089	11,508	417,814	21,569
045.20	Oats	"	246,880	11,980	395,243	17,450
045.90.05	Sorghum	"	194	10	44,723	1,984
046.01	Flour (b)	'000 lb	789,578	25,097	730,613	23,697
048.11.21	Oatmeal, rolled oats, wheatmeal	"	8,268	883	11,305	1,174
	Vegetables -					
	Fresh and frozen -					
054.10	Potatoes (except sweet potatoes)	"	22,545	626	30,449	839
054.20.11)	Peas	"	11,290	611	9,010	567
054.20.13)	Onions	"	3,604	172	19,747	525
054.50.05	Onions	"	3,604	172	19,747	525
	Preserved -					
055.51.21	Asparagus	"	(c)	(c)	273	89
055.51.25	Peas	"	241	34	1,105	139
061.10.09	Sugar, cane - Raw	tons	1,238,128	92,760	1,620,768	98,186
061.20.01)	Refined	"	14,447	1,165	17,495	1,349
061.20.21)	Fodder -					
081.20.01	Bran	cwt	26,372	57	240,620	495
081.20.05	Pollard	"	9,220	19	148,853	279
292.50	Grass, field and vegetable seeds	'000 lb	(c)	(c)	5,022	1,405

- (a) Australian Export Commodity Classification based on S.I.T.C. (Revised) introduced from 1 July 1966. Items shown for 1965-66 are comparable.
- (b) Wholemeal, plain white and self-raising.
- (c) Not recorded separately.

NOTE: These figures relate to the year ended 30 June.

TABLE 13. - IMPORTS OF PRINCIPAL AGRICULTURAL PRODUCTS : AUSTRALIA, 1965-66 AND 1966-67

Australian Import Commodity Classification	Item	1965-66		1966-67		
		Quantity	Value (\$'000 f.o.b. port of shipment)	Quantity	Value (\$'000 f.o.b. port of shipment)	
	Rice -					
042.10	In the husk or de-husked	'000 lb	143	12	90	7
042.20	Glazed or polished	"	3,487	302	3,628	341
044.00	Maize, unmilled	"	4,008	141	1,038	149
	Vegetables, fresh, frozen or simple preserved -					
054.20	Dried shelled beans, peas, lentils and other leguminous vegetables	"	31,537	2,320	35,096	2,373
054.61	Vegetables preserved by freezing	"	9,441	1,583	5,217	935
054.62	Vegetables in temporary preservative	'000 gals	526	702	699	1,020
054.84	Hop cones and lupulin	'000 lb	1,422	1,055	301	186
	Coffee -					
071.10	Coffee and coffee substitutes containing coffee	"	30,846	9,730	37,699	11,382
071.30	Coffee extracts, essences, concen- trates, etc.	"	371	512	406	594
072.10	Cocoa beans, raw or roasted	"	32,357	4,859	40,780	8,646
074.10	Tea	"	67,285	26,329	63,027	22,968
121.00	Tobacco, unmanufactured	"	27,921	20,103	26,977	20,648
	Tobacco manufactures -					
122.10	Cigars and cheroots	"	279	1,823	301	1,848
122.20	Cigarettes and cigarillos	"	1,362	2,591	1,602	3,134
122.30	Cut and other manufactured tobacco	"	1,535	1,661	1,623	1,820
221	Oil-seeds, oil nuts and oil kernels	"	146,475	10,845	86,059	5,500
263	Cotton	"	44,214	9,156	30,951	5,614
	Fixed vegetable oils -					
421.40	Peanut oil	'000 gals	1,986	2,606	1,983	2,362
421.50	Olive oil	"	1,046	2,600	1,195	3,039
422.90.03	Kardi seed (or safflower) oil	"	873	1,139	1,267	1,606

NOTE: These figures relate to the year ended 30 June.

V. NUMBER OF HOLDINGS GROWING PRINCIPAL CROPS

TABLE 14. - NUMBER OF HOLDINGS GROWING PRINCIPAL CROPS : 1966-67

Crop	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
Cereals (a) -									
Barley ..	3,869	2,441	4,626	6,772	2,782	383	..	..	20,873
Maize ..	656	(b) 127	1,972	..	..	..	..	..	2,755
Oats ..	13,789	10,056	919	5,532	7,614	465	..	30	38,405
Rice ..	1,161	..	..	..	1	..	2	..	1,164
Sorghum ..	723	3	3,561	..	1	..	11	..	4,299
Wheat ..	19,575	11,202	5,674	9,419	8,897	194	..	25	54,986
Industrial crops -									
Cotton (c) ..	93	..	173	..	28	..	..	..	294
Sugar cane (c) ..	665	..	7,501	..	..	..	..	..	8,166
Hops (b) ..	..	39	..	..	1	106	..	..	146
Tobacco (b) ..	85	308	720	..	..	..	..	..	1,113
Peanuts (c) ..	17	..	1,019	..	..	..	..	..	1,036
Vegetables (d) -									
Potatoes ..	1,895	(b) 2,995	1,060	674	609	1,582	2	3	8,820
Onions ..	206	(b) 480	506	364	170	22	1	2	1,751
Vineyards (d) -									
Grapes (all purposes)	1,348	(b) 2,538	411	3,104	702	..	..	..	8,103

(a) Twenty acres and over. (b) All holdings. (c) Five acres and over. (d) One acre and over.

TABLE 15. - NUMBER OF HOLDINGS GROWING PRINCIPAL CROPS : AUSTRALIA

Crop	1962-63	1963-64	1964-65	1965-66	1966-67
Cereals (a) -					
Barley ..	18,131	17,152	17,636	19,070	20,873
Maize (b) ..	2,996	3,116	2,980	2,741	2,755
Oats ..	32,675	32,357	33,737	33,540	38,405
Rice ..	956	1,033	1,074	1,115	1,164
Sorghum ..	4,074	3,621	3,468	3,889	4,299
Wheat ..	54,664	53,215	54,465	51,103	54,986
Industrial crops -					
Cotton (c) ..	628	535	313	312	294
Sugar cane (c) ..	7,075	7,116	7,056	7,705	8,166
Hops (d) ..	137	145	147	145	146
Tobacco (d) ..	1,338	1,230	1,189	1,158	1,113
Peanuts (c) ..	808	805	850	908	1,036
Vegetables (e) -					
Potatoes (b) ..	11,482	9,259	8,594	9,434	8,820
Onions (b) ..	(f) 1,797	(f) 1,586	(f) 1,571	(f) 1,358	1,751
Vineyards (e) -					
Grapes (all purposes) (b)	8,009	8,045	8,140	8,100	8,103

(a) Twenty acres and over. (b) Includes all holdings in Victoria. (c) Five acres and over. (d) All holdings. (e) One acre and over. (f) Excludes New South Wales.

VI. ARTIFICIAL FERTILISERS

TABLE 16. - AREA FERTILISED, QUANTITY OF ARTIFICIAL FERTILISERS USED, AND PRINCIPAL CROPS FERTILISED : 1966-67

Particulars		N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
Wheat crops -										
Area fertilised	acres	4,474,459	3,057,222	83,942	2,897,865	6,391,521	13,641	..	2,697	16,921,347
Superphosphate used	tons	163,605	121,380	2,719	151,733	324,827	1,153	..	122	765,539
Other art. fert. used	"	3,632	11,895	1,212	1,196	13,316	70	..	16	31,337
Other cereal crops -										
Area fertilised	acres	1,746,507	1,381,648	223,102	1,969,209	2,052,791	112,773	..	2,108	7,488,138
Superphosphate used	tons	73,404	64,652	8,352	99,982	105,472	10,265	..	122	362,249
Other art. fert. used	"	11,232	2,908	6,069	1,039	2,610	477	..	21	24,356
Vegetable crops -										
Area fertilised	acres	46,383	82,555	36,603	13,352	15,175	28,733	(a)	112	(b)222,913
Superphosphate used	tons	5,229	8,374	1,143	2,807	2,176	6,271	(a)	32	(b) 26,032
Other art. fert. used	"	10,771	20,547	11,440	5,249	13,088	2,748	(a)	16	(b) 63,859
Fruit and vine crops -										
Area fertilised	acres	74,639	84,154	39,533	56,216	27,375	20,985	(a)	15	(b)302,917
Superphosphate used	tons	5,916	5,050	750	4,241	1,671	714	(a)	1	(b) 18,343
Other art. fert. used	"	23,062	15,167	16,218	7,735	5,291	6,650	(a)	1	(b) 74,124
Sugar cane -										
Area fertilised	acres	19,579	..	536,285	..	..	..	..	..	555,864
Superphosphate used	tons	310	..	12,111	..	..	..	..	..	12,421
Other art. fert. used	"	3,902	..	148,707	..	..	..	..	..	152,609
Other crops -										
Area fertilised	acres	299,378	166,642	110,009	186,049	44,520	55,312	1,594	1,275	864,779
Superphosphate used	tons	17,768	12,169	5,810	12,320	2,688	5,524	134	108	56,521
Other art. fert. used	"	4,889	5,054	8,510	594	2,965	1,516	92	2	23,622
Pastures -										
Area fertilised	acres	9,926,981	12,502,482	180,272	5,236,534	11,601,382	1,587,880	11,978	59,878	41,107,387
Superphosphate used	tons	525,356	778,269	15,824	308,656	609,858	128,205	435	2,756	2,369,359
Other art. fert. used	"	15,493	67,927	3,750	3,256	12,594	6,162	20	196	109,398
Total -										
Area fertilised	acres	16,587,926	17,274,703	1,209,746	10,359,225	20,132,764	1,819,324	13,572	66,085	67,463,345
Superphosphate used	tons	791,588	989,894	46,709	579,739	1,046,692	152,132	569	3,141	3,610,464
Other art. fert. used	"	72,981	123,498	195,906	19,069	49,863	17,624	112	252	479,305

(a) Not available separately; included in "Other crops". (b) Incomplete; see individual States.

TABLE 17. - AREA FERTILISED AND QUANTITY OF ARTIFICIAL FERTILISERS USED

Season	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
AREA ('000 acres)									
1962-63	11,879	14,470	635	8,165	14,310	1,370	3	82	50,914
1963-64	13,523	15,003	767	8,781	14,127	1,526	4	95	53,826
1964-65	16,189	16,199	909	9,489	16,159	1,598	5	96	60,644
1965-66	16,098	16,394	1,014	9,962	18,486	1,711	11	68	63,744
1966-67	16,588	17,275	1,210	10,359	20,133	1,819	14	66	67,463
QUANTITY USED (tons)									
1962-63	576,561	822,488	135,896	430,561	713,067	124,523	226	4,501	2,807,823
1963-64	683,968	880,941	183,326	465,583	720,943	141,507	305	5,213	3,081,786
1964-65	837,959	988,106	198,696	528,827	844,455	142,660	307	5,225	3,546,235
1965-66	839,955	1,054,393	214,487	561,962	972,432	163,925	672	3,777	3,811,603
1966-67	864,569	1,113,392	242,615	598,808	1,096,555	169,756	681	3,393	4,089,769

VII. INDEXES OF QUANTUM OF AGRICULTURAL PRODUCTION

TABLE 18. - INDEXES OF QUANTUM (a) OF AGRICULTURAL PRODUCTION : AUSTRALIA

(Revised Series, 1952 : Average 1936-37 to 1938-39=100)

Season	Wheat	Other crops	All crops
1962-63	186	194	191
1963-64	199	194	196
1964-65	224	214	218
1965-66	158	200	184
1966-67 p	283	252	264

(a) Indexes of value at constant prices; i.e. quantities revalued at average unit values of the base years (1936-37 to 1938-39).

VIII. AREA OF LAND UNDER IRRIGATED CULTURE

TABLE 19. - AREA OF LAND UNDER IRRIGATED CULTURE : 1966-67

(Acres)

Particulars	N.S.W. (a)	Vic. (b)	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
Cotton	22,218	..	7,997	..	11,892	..	..	..	42,107
Hops	..	(c)	..	..	(d)	1,495	..	..	(e)1,495
Orchards	35,562	46,594	(f)9,040	32,122	11,704	8,287	87	7	143,403
Rice	73,639	..	..	..	(d)	..	(g)	..	(e)73,639
Sugar cane	(c)	..	142,620	..	..	..	..	..	(e)142,620
Tobacco	n.a.	n.a.	11,781	..	..	..	..	..	(e)11,781
Vegetables	16,639	26,617	39,198	12,341	9,770	12,979	178	117	117,839
Vineyards	17,935	47,418	(h)	26,268	795	..	..	..	(e)94,416
Other crops (incl. fodder and fallow land)	455,872	128,543	88,508	23,720	4,676	6,353	437	571	708,680
<u>Total crops</u>	621,865	249,172	299,144	96,451	38,837	29,114	702	695	1,335,980
Pastures	818,916	1,064,716	44,908	42,306	31,790	18,111	188	459	2,021,394
<u>TOTAL</u>	1,440,781	1,313,888	344,052	138,757	70,627	47,225	890	1,154	3,357,374

(a) Source: Water Conservation and Irrigation Commission. (b) Source: State Rivers and Water Supply Commission. (c) Not available separately; included in "Other crops". (d) Not available for publication; included in "Other crops". (e) Incomplete; see individual States. (f) Includes vineyards. (g) Not available for publication; excluded from totals. (h) Included with orchards.

TABLE 20. - AREA OF LAND UNDER IRRIGATED CULTURE : AUSTRALIA

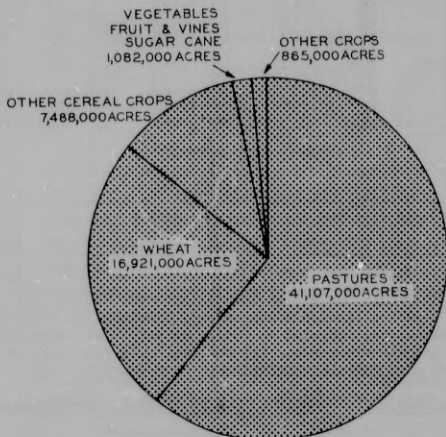
(Acres)

Particulars	1962-63	1963-64	1964-65	1965-66	1966-67
Cotton	2,206	4,695	11,029	14,640	42,107
Hops	1,465	1,463	1,553	1,524	1,495
Orchards	112,662	120,902	128,290	139,935	143,403
Rice (a)	53,578	59,331	61,617	64,341	73,639
Sugar cane	81,506	98,204	120,556	140,994	142,620
Tobacco (b)	15,801	15,079	13,499	12,116	11,781
Vegetables	86,193	89,861	94,060	116,772	117,839
Vineyards	87,151	86,987	91,450	91,752	94,416
Other crops (incl. fodder and fallow land)	430,357	426,669	456,465	675,958	708,680
<u>Total crops</u>	870,919	903,191	978,519	1,258,032	1,335,980
Pastures	1,523,248	1,521,538	1,641,212	1,888,936	2,021,394
<u>TOTAL (c)</u>	2,599,842	2,658,490	2,890,835	3,146,968	3,357,374

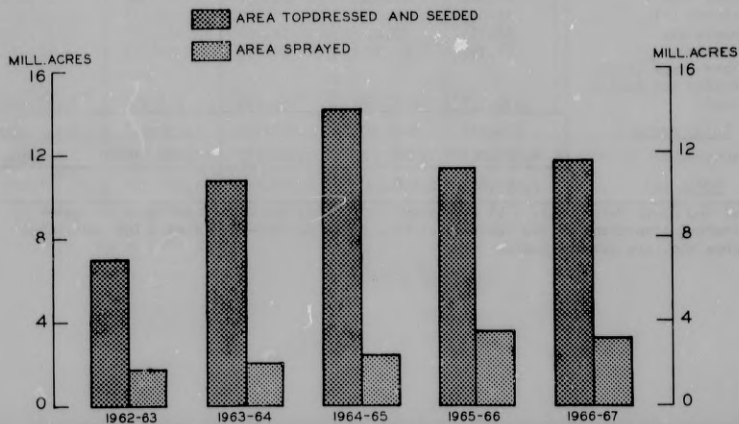
(a) New South Wales only. (b) Queensland only. (c) Includes total area irrigated by licensed diversions in New South Wales but, prior to 1965-66, details for individual crops etc. are not available.

AREA FERTILISED: AUSTRALIA, 1966-67

TOTAL AREA: 67,463,000 ACRES



AERIAL AGRICULTURE: AUSTRALIA



IX. AERIAL AGRICULTURE

The statistics in the following table, with the exception of those in respect of the quarter ended 31 March 1967, have been compiled from returns collected each quarter by the Department of Civil Aviation from operators of aircraft engaged in aerial topdressing, seeding, spraying and allied activities such as rabbit and dingo baiting. These statistics are now being collected by this Bureau direct from operators concerned.

Duplication between topdressing and seeding and spraying has been excluded in arriving at total area treated. Statistics relating to the Australian Capital Territory and the Northern Territory have been included in New South Wales and Queensland respectively.

TABLE 21. - AERIAL AGRICULTURE : AUSTRALIA

Year ended 31 March	Area topdressed and seeded	Area sprayed	Total area treated (a)	Materials used		Total flying time
				Super- phosphate	Seed	
	- '000 acres -			tons	'000 lb	hours
1963	6,965	1,739	8,763	328,646	1,012	61,411
1964	10,666	2,041	12,788	505,811	1,997	84,827
1965	14,147	2,416	16,640	656,094	3,467	108,753
1966	11,314	3,469	15,010	588,045	1,561	108,850
1967 -						
New South Wales	6,825	(b)	7,756	316,812	1,086	56,112
Victoria	1,945	(b)	2,424	(b)	139	19,109
Queensland	(b)	385	(b)	(b)	854	(b)
South Australia	903	372	1,276	46,850	(b)	7,822
Western Australia	(b)	(b)	2,301	(b)	(b)	14,031
Tasmania	(b)	19	(b)	22,009	(b)	(b)
<u>AUSTRALIA</u>	11,612	3,190	15,200	594,913	2,407	108,358

(a) Includes other types of treatment (rabbit baiting, etc.). (b) Not available for publication.

K. M. ARCHER
COMMONWEALTH STATISTICIAN

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

CANBERRA, A.C.T. 2600

22 MAY 1968

NOTE. Inquiries concerning these statistics may be made in Canberra by telephoning 63 9111 Extension 2277 or, in each State capital, by telephoning the office of the Bureau of Census and Statistics.