



QUEENSLAND

**AGRICULTURAL LAND  
USE AND SELECTED  
INPUTS**

**1983-84**

Catalogue No. 7411.3

AUSTRALIAN BUREAU OF STATISTICS  
QUEENSLAND OFFICE

## AGRICULTURAL LAND USE AND SELECTED INPUTS, QUEENSLAND, 1983-84

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## Explanatory Notes

Scope and Coverage

Statistics in this publication are derived principally from the annual agricultural census conducted throughout Australia at 31 March, which collects data from establishments with agricultural activity.

In general, the 1983-84 season referred to in this publication relates to crops sown and harvested during the 12 months ended 31 March 1984. For summer crops whose main growing time occurs prior to 31 March, with the harvesting period extending beyond this date, however, the total production is included.

While the majority of tables relate to the 1983-84 season, there are a few exceptions where 1983-84 figures are not available. In these cases, the latest available statistics are included and tables are noted appropriately.

In recent years, in order to minimise respondent burden and reduce processing costs, the Australian Bureau of Statistics (ABS) has been gradually excluding from the census those establishments which make only a small contribution to overall agricultural production.

Since the 1982-83 census, establishments with agricultural activity have been included if they had, or were expected to have, an estimated value of agricultural operations of \$2,500 or more. In previous years the value cut-off was applied at the enterprise level. From 1976-77 to 1980-81 the value was \$1,500 and for 1981-82, \$2,500.

While these changes have resulted in some changes in the counts of numbers of establishments appearing in publications, the effect on the statistics of production is small.

The information in this publication and in other State and Central Office issues of this title is presented in a common framework comprising the following five sections:

- (i) Summary
- (ii) Land Use
- (iii) Selected Inputs (1. Aerial Agricultural Operations; 2. Labour; 3. Fertilisers; 4. Irrigation)
- (iv) Structure of Agricultural Industries
- (v) Meteorology

Local Authority Areas and Statistical Divisions

For statistical purposes, local authority areas, comprising cities (C), towns (T), and shires are

grouped into statistical divisions. These divisions are shown in the maps on pages 4 and 5. As far as possible all published agricultural sector statistics are classified according to these areas. Because agricultural activity generally involves relatively large areas of land, however, it is impracticable to show separate information for local authorities with very small areas and/or levels of agricultural activity. Therefore, in individual tables, statistics for these authorities (mainly cities and towns) are included with contiguous local authority areas as follows:

<u>Local authority area</u> <u>not shown separately</u>	<u>Local authority area</u> <u>in which included</u>
Aurukun	Cook
Bundaberg	Woongarra
Cairns	Mulgrave
Charters Towers	Dalrymple
Dalby	Wambo
Gladstone	Galliope
Gold Coast	Albert
Goondiwindi	Wagamba
Gympie	Widgee
Ipswich	Moreton
Logan	Albert
Mackay	Pioneer
Maryborough	Hervey Bay
Mornington	Burke
Redcliffe	Pine Rivers
Rockhampton	Livingstone
Roma	Bungil
Toowoomba	Cambooya
Torres	Cook
Townsville	Thuringowa
Warwick	Glengallan
Wepa	Cook

The Brisbane Statistical Division is included with the Moreton Division.

Related Publications

Users may also wish to refer to the following publications which are available on request:

- "Crops and Pastures" (7321.3)
- "Fruit" (7322.3)
- "Livestock and Livestock Products" (7321.3)

All publications produced by the ABS are listed in the "Catalogue of Publications" (Catalogue No. 1101.0) which is available from any ABS Office.

Explanatory Notes (continued)Unpublished Statistics

The ABS can also make available certain agricultural statistics which are not published. Where it is not practicable to provide the required statistics by telephone, they may be available in other forms, such as microfiche, photocopy, computer printout, or clerically extracted tabulation. A charge may be made for providing unpublished statistics in these forms.

For further information on these unpublished statistics contact Gayle Winkel by telephoning Brisbane

(07) 222 6179, or write to Information Services at the address below.

Symbols and Other Usages

n.a. Not available.  
- Nil or less than half the final digit shown.

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

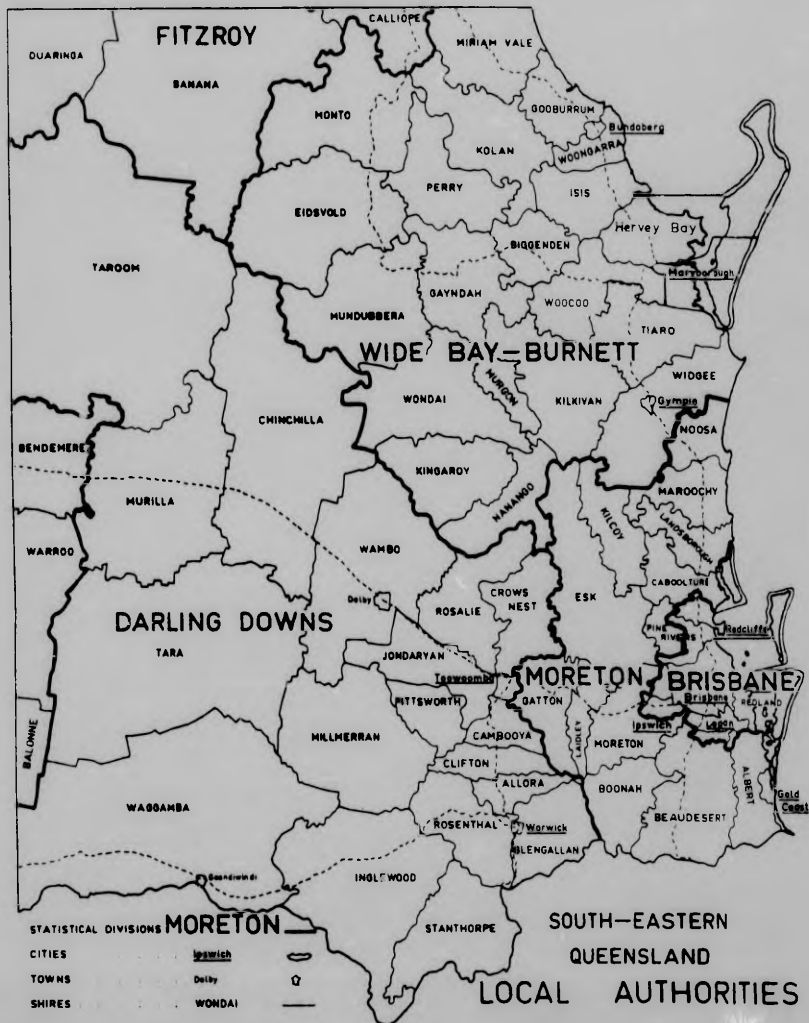
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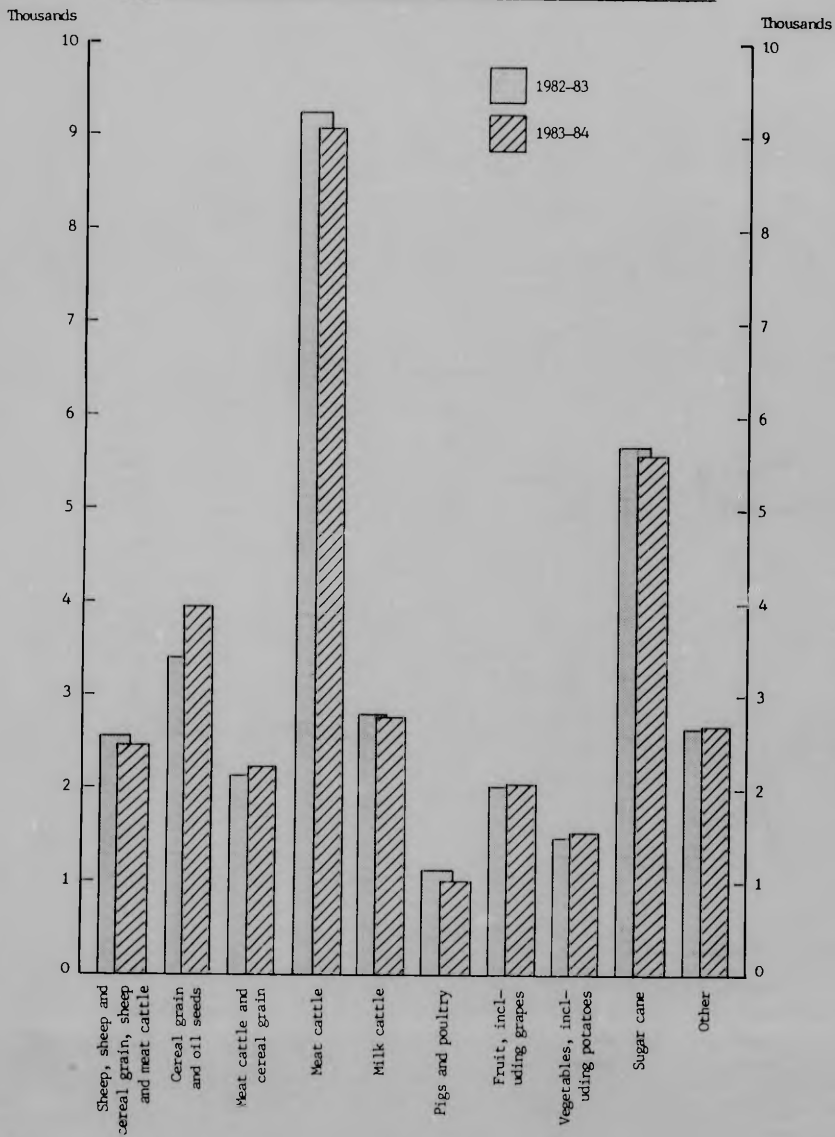
## QUEENSLAND

## LOCAL AUTHORITIES





Agricultural Establishments by Industry, Queensland (a), 1982-83 and 1983-84



(a) See Table 16 for details by local authority areas for 1983-84.

## SUMMARY

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Table 1 - Agricultural Establishments: Number, Area, and Land Utilisation, Queensland, 1978-79 to 1983-84

Particulars		1978-79	1979-80	1980-81	1981-82	1982-83	1983-84
Total area of Queensland .. ..	'000 hectares	172,700	172,700	172,700	172,700	172,700	172,700
Agricultural establishments .. ..	number	35,198	35,985	35,947	35,320	34,403	34,558
Area of agricultural establishments ..	'000 hectares	156,305	157,721	157,469	157,117	155,915	158,110
Area of crops (a) .. ..	'000 hectares	2,370	2,411	2,574	2,765	2,648	2,998
Area under sown pasture							
Lucerne .. ..	'000 hectares	24	22	24	24	28	25
Other .. ..	'000 hectares	3,227	3,158	3,299	3,317	3,511	3,827
Balance of establishments (b) .. ..	'000 hectares	150,684	152,130	151,572	151,012	149,729	151,260

(a) Excluding lucerne and other pasture harvested for hay, seed, and green feed.

(b) Used for intermittent grazing, lying idle, fallow, not suitable for agriculture, etc.

Table 2 - Agricultural Establishments: Number, Area, and Land Utilisation in Local Authority Areas, Queensland, 1983-84

Statistical division and local authority area	Total area (a)	Agricultural establishments	Area of agricultural establishments (b)	Land utilisation on agricultural establishments			
				Area of crops (c)	Sown pasture		Balance
					Lucerne	Other	
	'000 hectares	No.	'000 hectares	'000 hectares	'000 hectares	'000 hectares	'000 hectares
<b>Moreton Division (including Brisbane Division)</b> .. ..	<b>2,236</b>	<b>6,395</b>	<b>1,155</b>	<b>81.5</b>	<b>7.3</b>	<b>74.7</b>	<b>991.1</b>
Albert .. ..	164	422	36	5.8	0.1	4.3	26.0
Beaudesert .. ..	286	661	183	6.6	1.6	12.2	162.5
Boonah .. ..	148	501	107	8.5	1.1	4.0	93.3
Brisbane (C) .. ..	122	340	7	1.0	-	0.8	5.4
Caboolture .. ..	121	409	37	2.6	-	4.4	29.9
Esk .. ..	385	543	275	11.4	1.2	5.6	257.1
Getton .. ..	158	510	90	9.5	1.5	5.4	73.9
Kilcoy .. ..	144	158	142	0.7	0.1	4.8	136.1
Laidley .. ..	69	386	47	11.3	0.8	2.4	33.0
Landsborough .. ..	110	457	37	3.3	0.1	8.6	25.0
Maroochy .. ..	115	740	39	9.0	-	6.2	24.2
Moreton .. ..	194	608	103	9.0	0.7	5.0	88.1
Noosa .. ..	88	230	24	1.2	-	8.0	14.4
Pine Rivers .. ..	80	233	23	0.9	0.1	2.8	19.3
Redland .. ..	54	197	4	0.8	-	0.4	2.9
<b>Wide Bay-Burnett Division</b> .. ..	<b>5,215</b>	<b>5,936</b>	<b>3,917</b>	<b>242.8</b>	<b>4.1</b>	<b>216.5</b>	<b>3,453.6</b>
Biggenden .. ..	132	164	120	3.7	0.1	8.1	108.0
Eidsvold .. ..	479	126	497	4.4	0.2	16.0	476.5
Gayndah .. ..	271	233	246	10.5	0.1	5.3	230.6
Gooburrum .. ..	130	471	112	24.4	-	4.8	83.2
Hervey Bay (T) .. ..	351	200	53	4.4	-	5.7	42.8
Isis .. ..	168	254	99	15.4	-	6.0	77.7
Kilkivan .. ..	325	366	254	10.1	1.1	11.1	231.8
Kingaroy .. ..	242	511	208	47.8	0.1	14.0	145.9
Kolan .. ..	266	237	215	7.2	-	5.8	201.7
Miriam Vale .. ..	371	188	269	0.7	-	11.4	257.3

Table 2 - Agricultural Establishments: Number, Area, and Land Utilisation in Local Authority Areas, Queensland, 1983-84 (continued)

Statistical division and local authority area	Total area (a)  '000 hectares	Agricultural establishments  No.	Area of agricultural establishments (b)  '000 hectares	Land utilisation on agricultural establishments			Balance  '000 hectares
				Area of crops (c)  '000 hectares	Sown pasture		
					Lucerne  '000 hectares	Other  '000 hectares	
<b>Wide Bay-Burnett Division</b>							
<i>(continued)</i>							
Monto .. ..	428	345	365	18.1	1.2	31.3	314.2
Mundubbers .. ..	419	200	367	10.8	0.2	19.2	337.1
Murgon .. ..	70	197	55	13.8	0.2	4.7	36.7
Nanango .. ..	174	300	122	11.2	0.7	4.6	105.9
Perry .. ..	236	75	156	0.2	-	1.7	154.1
Tiaro .. ..	221	261	117	3.0	0.1	15.8	98.2
Widgee .. ..	296	716	127	5.7	0.1	25.0	96.3
Wondai .. ..	357	417	323	29.8	0.1	14.3	278.6
Woooco .. ..	203	227	164	4.3	-	6.7	152.6
Woongarra .. ..	78	448	47	17.3	-	4.8	24.5
<b>Darling Downs Division</b> .. ..	<b>9,006</b>	<b>8,092</b>	<b>8,135</b>	<b>1,399.5</b>	<b>10.8</b>	<b>427.9</b>	<b>6,297.2</b>
Allora .. ..	70	240	60	20.3	0.5	1.3	37.5
Cambooya .. ..	75	314	55	22.8	0.4	2.5	29.6
Chinchilla .. ..	869	548	732	94.5	0.6	25.9	611.5
Clifton .. ..	87	342	79	39.9	0.2	0.6	38.6
Crow's Nest .. ..	163	423	129	6.6	0.3	12.3	109.3
Glengallan .. ..	176	526	125	26.6	1.3	3.9	93.5
Inglewood .. ..	586	292	524	21.4	1.7	6.6	494.5
Jondaryan .. ..	190	636	182	109.7	0.8	1.7	69.8
Millmerran .. ..	451	342	383	99.5	0.4	8.7	274.8
Murilla .. ..	605	288	510	115.5	0.1	24.1	370.1
Pittsworth .. ..	110	342	104	67.3	0.2	0.4	35.9
Rosalie .. ..	219	688	202	61.7	0.8	11.1	127.9
Rosenthal .. ..	197	232	183	7.3	0.6	8.9	166.5
Stanthorpe .. ..	268	647	195	8.4	0.5	7.4	178.3
Tara .. ..	1,118	428	1,014	152.2	1.0	21.1	839.5
Taroom .. ..	1,864	480	1,753	97.1	-	241.5	1,414.0
Waggonba .. ..	1,385	393	1,398	219.1	0.8	36.7	1,141.5
Wambo .. ..	574	931	508	229.5	0.6	13.0	264.3
<b>South-West Division</b> .. ..	<b>32,252</b>	<b>1,906</b>	<b>30,639</b>	<b>264.1</b>	<b>0.1</b>	<b>483.8</b>	<b>29,890.6</b>
Balorne .. ..	3,112	337	2,873	102.0	-	115.9	2,654.7
Bendemeere .. ..	394	179	394	33.6	-	14.5	345.6
Booringa .. ..	2,779	229	2,429	15.4	-	45.2	2,368.3
Bulloo .. ..	7,362	40	7,560	-	-	-	7,560.0
Bungil .. ..	1,338	443	1,266	71.6	-	97.1	1,097.2
Murweh .. ..	4,391	230	4,309	3.8	-	131.1	4,174.0
Paroo .. ..	4,762	169	4,334	-	-	2.0	4,332.1
Quilpie .. ..	6,748	110	6,173	-	-	43.5	6,129.2
Warroo .. ..	1,366	169	1,302	37.7	0.1	34.5	1,229.5
<b>Fitzroy Division</b> .. ..	<b>12,188</b>	<b>3,128</b>	<b>10,767</b>	<b>546.1</b>	<b>2.2</b>	<b>1,209.3</b>	<b>9,009.8</b>
Banana .. ..	1,573	962	1,471	159.0	1.7	217.6	1,093.2
Baibinia .. ..	2,456	230	2,266	114.4	-	337.0	1,814.6
Calliope .. ..	600	335	508	3.1	0.2	36.4	468.7
Duaringa .. ..	1,715	240	1,452	76.8	-	231.5	1,144.1
Emerald .. ..	1,023	211	1,011	81.9	0.1	95.0	83.6
Fitzroy .. ..	500	391	435	11.1	0.2	33.0	390.8
Jericho .. ..	2,172	123	1,967	-	-	136.7	1,831.5
Livingstone .. ..	1,289	445	898	5.8	-	91.1	800.8
Mount Morgan .. ..	51	28	31	0.3	-	1.8	28.7
Peak Downs .. ..	810	163	728	93.8	-	30.1	603.8

Table 2 - Agricultural Establishments: Number, Area, and Land Utilisation in Local Authority Areas, Queensland, 1983-84 (continued)

Statistical division and local authority area	Total area (a)	Agricultural establishments	Area of agricultural establishments (b)	Land utilisation on agricultural establishments			
				Area of crops (c)	Sown pasture		Balance
					Lucerne	Other	
	'000 hectares	No.	'000 hectares	'000 hectares	'000 hectares	'000 hectares	'000 hectares
<b>Central-West Division</b>	<b>37,047</b>	<b>786</b>	<b>34,871</b>	<b>0.2</b>	<b>-</b>	<b>365.5</b>	<b>34,505.7</b>
Aramac ..	2,323	110	2,201	-	-	19.3	2,181.4
Barcardine ..	843	69	803	0.1	-	66.1	737.0
Barcoo ..	6,190	62	6,029	0.1	-	-	6,029.1
Blackall ..	1,630	94	1,495	-	-	187.3	1,307.6
Boulia ..	6,118	38	6,956	-	-	-	6,956.0
Dianantina ..	9,469	12	7,987	-	-	-	7,986.9
Ilfracombe ..	657	45	541	-	-	0.9	539.9
Isisford ..	1,053	48	947	-	-	27.5	919.3
Longreach ..	2,352	125	2,444	0.1	-	-	2,444.1
Tambo ..	1,031	49	975	-	-	64.4	910.4
Winton ..	5,382	134	4,494	-	-	-	4,493.9
<b>Mackay Division</b>	<b>6,848</b>	<b>2,253</b>	<b>6,187</b>	<b>244.3</b>	<b>0.1</b>	<b>668.1</b>	<b>5,274.9</b>
Belyando ..	3,008	195	2,852	106.5	-	285.5	2,459.7
Broadsound ..	1,831	225	1,648	24.8	-	251.4	1,371.6
Mirani ..	329	428	248	26.6	-	5.0	216.7
Nebo ..	1,003	80	956	4.5	-	93.8	857.4
Pioneer ..	280	849	210	55.0	-	12.2	142.3
Proserpine ..	264	225	179	14.7	-	5.8	158.9
Sarina ..	133	251	95	12.3	-	14.3	68.2
<b>Northern Division</b>	<b>10,103</b>	<b>2,234</b>	<b>9,847</b>	<b>104.7</b>	<b>0.1</b>	<b>149.4</b>	<b>9,594.9</b>
Bowen ..	2,109	290	2,054	6.7	-	53.9	1,993.7
Burdekin ..	491	726	448	48.3	-	12.7	387.2
Dalrymple ..	6,782	310	6,853	2.1	-	74.9	6,775.9
Hinchinbrook ..	271	712	283	43.5	-	5.5	233.6
Thuringowa ..	450	196	211	4.0	-	2.4	204.5
<b>Far North Division</b>	<b>26,653</b>	<b>3,291</b>	<b>21,988</b>	<b>114.9</b>	<b>0.2</b>	<b>164.9</b>	<b>21,707.5</b>
Atherton ..	62	268	38	8.4	0.1	8.7	21.1
Cardwell ..	290	293	72	14.2	-	23.6	34.5
Cook ..	12,564	82	9,769	1.3	0.1	16.0	9,751.2
Croydon ..	2,839	22	2,200	-	-	38.9	2,161.6
Douglas ..	239	196	83	10.2	-	3.7	69.4
Eacham ..	114	312	51	1.3	-	24.7	25.5
Etheridge ..	3,992	70	3,988	0.4	-	9.3	3,977.9
Herberton ..	953	150	726	3.2	-	6.9	715.4
Johnstone ..	163	691	64	36.9	-	8.0	18.9
Mareeba ..	5,259	626	4,924	7.7	0.1	23.2	4,892.6
Mulgrave ..	179	581	73	31.3	-	2.0	39.3
<b>North-West Division</b>	<b>31,177</b>	<b>537</b>	<b>30,602</b>	<b>0.2</b>	<b>-</b>	<b>66.4</b>	<b>30,535.0</b>
Burke ..	4,299	24	3,673	-	-	-	3,673.4
Carpentaria ..	6,827	27	6,995	-	-	39.3	6,956.0
Cloncurry ..	4,997	66	4,888	-	-	1.4	4,886.1
Flinders ..	4,162	173	4,503	0.1	-	2.0	4,500.7
McKinlay ..	4,073	119	3,594	-	-	22.9	3,570.7
Mount Isa (C) ..	4,123	24	4,546	-	-	-	4,546.5
Richmond ..	2,694	104	2,402	-	-	0.8	2,401.7
<b>Total Queensland</b>	<b>172,700</b>	<b>34,558</b>	<b>158,110</b>	<b>2,998.3</b>	<b>24.9</b>	<b>3,826.6</b>	<b>151,260.3</b>

(a) Statistical divisions and local authority areas have been rounded to the nearest 1,000 hectares and the State total to the nearest 100,000 hectares. (b) The total area of establishments can exceed the total area of a local authority area because the whole of the area of establishments extending over local authority boundaries is generally included with the authority in which the homestead is situated. (c) Excluding lucerne and other pasture harvested for hay, seed, and green feed.

Table 3 - Artificial Fertiliser on Agricultural Establishments: Type and Quantity Used on Crops and Pasture, Queensland, 1978-79 to 1983-84

Year	Sugar cane	Grain sorghum	Wheat	Other cereals	Fruit (incl. grapes)	Vegetables	Other crops	Pasture		Total
								Lucerne	Other	
Area Fertilised (hectares)										
1978-79	252,757	97,838	115,920	174,837	16,763	19,177	58,356	4,644	120,855	861,147
1979-80	262,145	n.a.	135,701	n.a.	n.a.	n.a.	n.a.	162,971		n.a.
1980-81	291,070	n.a.	127,824	n.a.	n.a.	n.a.	n.a.	150,520		n.a.
1981-82	300,860	148,600	149,327	182,744	17,571	19,363	74,582	5,521	144,095	1,042,663
1982-83	300,357	n.a.	112,555	n.a.	n.a.	n.a.	n.a.	136,453		n.a.
1983-84	292,276	n.a.	131,322	n.a.	n.a.	n.a.	n.a.	144,973		n.a.
Superphosphate (tonnes)										
1978-79	20,922	2,647	3,292	8,304	1,553	1,955	3,941	1,183	20,422	64,219
1979-80	26,304	n.a.	4,109	n.a.	n.a.	n.a.	n.a.	28,383		76,359
1980-81	31,931	n.a.	3,862	n.a.	n.a.	n.a.	n.a.	30,915		85,807
1981-82	30,748	3,070	4,234	7,824	2,094	2,503	5,591	1,162	23,103	80,329
1982-83	26,863	n.a.	3,738	n.a.	n.a.	n.a.	n.a.	23,490		75,915
1983-84	22,935	n.a.	3,604	n.a.	n.a.	n.a.	n.a.	23,277		73,186
Straight Nitrogenous Fertiliser (tonnes)										
1978-79	117,031	7,488	5,179	11,900	7,708	5,573	6,243	306	5,849	167,277
1979-80	118,715	n.a.	6,772	n.a.	n.a.	n.a.	n.a.	7,389		169,243
1980-81	138,769	n.a.	6,060	n.a.	n.a.	n.a.	n.a.	7,446		189,505
1981-82	136,024	10,141	6,156	12,353	6,925	5,629	9,621	492	8,459	195,800
1982-83	129,011	n.a.	5,309	n.a.	n.a.	n.a.	n.a.	10,841		185,588
1983-84	114,354	n.a.	5,739	n.a.	n.a.	n.a.	n.a.	12,218		179,859
Other or Mixed Fertiliser (tonnes)										
1978-79	87,665	1,050	521	2,630	11,253	8,691	4,858	137	2,174	118,979
1979-80	99,218	n.a.	920	n.a.	n.a.	n.a.	n.a.	9,811		141,440
1980-81	122,155	n.a.	1,038	n.a.	n.a.	n.a.	n.a.	3,046		160,214
1981-82	121,194	2,307	1,818	4,639	11,346	8,444	6,928	205	4,758	161,639
1982-83	116,355	n.a.	1,714	n.a.	n.a.	n.a.	n.a.	4,561		156,826
1983-84	117,814	n.a.	2,517	n.a.	n.a.	n.a.	n.a.	6,107		161,699

Table 4 - Irrigation on Agricultural Establishments: Crops and Pasture Irrigated, Queensland, 1975-76 to 1983-84 (a)

Particulars	1975-76	1976-77	1977-78	1978-79	1980-81	1983-84
	No.	No.	No.	No.	No.	No.
Establishments using irrigation ..	8,043	8,119	8,508	7,846	8,421	7,501
Area irrigated	hectares	hectares	hectares	hectares	hectares	hectares
<u>Crops</u> .. .. .	<u>148,867</u>	<u>174,872</u>	<u>202,735</u>	<u>179,536</u>	<u>222,003</u>	<u>221,428</u>
Sugar cane .. .. .	73,256	83,372	96,272	79,114	101,715	103,998
Grain sorghum .. .. .	34,681	14,558	11,441	11,644	18,085	10,603
Other cereals .. .. .	.. .. .	26,050	32,858	24,109	31,370	23,639
Cotton .. .. .	5,560	9,612	10,293	13,448	20,728	30,098
Fruit (including grapes) .. .. .	4,863	5,418	5,621	6,622	8,027	9,548
Vegetables .. .. .	18,243	19,550	20,135	20,385	19,456	20,166
Other crops .. .. .	12,264	16,312	26,115	24,214	22,622	23,376
<u>Pasture</u> .. .. .	<u>37,057</u>	<u>34,646</u>	<u>32,561</u>	<u>29,680</u>	<u>33,704</u>	<u>32,953</u>
Lucerne .. .. .	13,924	12,805	11,543	11,241	14,020	13,323
Other .. .. .	23,133	21,841	21,018	18,439	19,684	19,630
<u>Total area irrigated</u> ..	<u>185,924</u>	<u>209,518</u>	<u>235,296</u>	<u>209,216</u>	<u>255,707</u>	<u>254,380</u>
Proportion of crop irrigated	%	%	%	%	%	%
Sugar cane .. .. .	22.8	24.6	28.2	24.0	28.7	28.3
Cotton .. .. .	93.2	93.4	93.8	93.1	92.6	91.5
Fruit (including grapes) .. .. .	22.5	25.3	26.2	29.4	33.3	33.2
Vegetables .. .. .	74.0	72.5	73.7	72.5	73.4	66.2
All crops .. .. .	7.2	8.4	9.3	7.6	8.6	7.4

(a) Not collected in 1979-80, 1981-82, and 1982-83.

Table 5 - Irrigation on Agricultural Establishments: Crops and Pasture Irrigated by Method of Irrigation, Queensland, 1983-84 (hectares)

Particulars	Method of irrigation				Total area irrigated
	Sprays	Furrows and flooding	Trickle (incl. micro-spray)	Multiple	
<u>Crops</u> .. .. .	<u>96,236</u>	<u>102,365</u>	<u>6,631</u>	<u>16,195</u>	<u>221,428</u>
Sugar cane .. .. .	50,661	43,517	467	9,353	103,998
Grain sorghum .. .. .	3,848	5,832	-	923	10,603
Other cereals .. .. .	10,645	11,600	-	1,395	23,639
Cotton .. .. .	294	29,082	116	606	30,098
Soybeans .. .. .	6,257	7,148	-	992	14,397
Fruit (including grapes) .. .. .	3,671	210	4,855	812	9,548
Vegetables .. .. .	14,783	3,103	949	1,332	20,166
Other crops .. .. .	6,078	1,875	244	783	8,980
<u>Pasture</u> .. .. .	<u>27,375</u>	<u>3,233</u>	<u>-</u>	<u>2,345</u>	<u>32,953</u>
Lucerne .. .. .	12,422	134	-	768	13,323
Other .. .. .	14,953	3,099	-	1,577	19,630
<u>Total area irrigated</u> ..	<u>123,611</u>	<u>105,598</u>	<u>6,631</u>	<u>18,540</u>	<u>254,380</u>

## LAND USE

Table 6 - Agricultural Establishments: Number (a) Growing Principal Crops in Local Authority Areas, Queensland, 1983-84

Statistical division and local authority area	Any crop	Sugar cane	Barley	Grain sorghum	Maize	Wheat	Cotton	Peanuts	Soy- beans	Sun- flower	Tobacco	Potat- oes
<b>Moreton Division (incl. Brisbane Division) ..</b>	<b>3,763</b>	<b>233</b>	<b>463</b>	<b>469</b>	<b>232</b>	<b>184</b>	<b>3</b>	<b>-</b>	<b>491</b>	<b>44</b>	<b>25</b>	<b>376</b>
Albert ..	259	100	2	3	1	-	-	-	-	-	-	6
Beaudesert ..	302	-	27	29	56	25	-	-	39	3	-	6
Boonah ..	294	-	113	72	38	31	-	-	118	5	-	49
Brisbane (C) ..	205	-	-	-	1	-	-	-	-	-	-	13
Caboolture ..	240	-	3	1	4	1	-	-	1	-	6	6
Esk ..	291	-	85	89	30	26	-	-	86	12	-	51
Gatton ..	354	-	52	68	23	22	-	-	31	15	-	114
Kilcoy ..	36	-	1	1	3	-	-	-	1	-	-	-
Laidley ..	288	-	83	133	29	33	3	-	125	8	-	83
Landsborough ..	273	-	-	-	5	-	-	-	-	-	19	8
Maroochy ..	562	133	2	-	5	-	-	-	2	-	-	3
Moreton ..	312	-	93	73	34	46	-	-	87	1	-	5
Noosa ..	108	-	1	-	2	-	-	-	1	-	-	3
Pine Rivers ..	100	-	1	-	1	-	-	-	-	-	-	2
Redland ..	139	-	-	-	-	-	-	-	-	-	-	27
<b>Wide Bay-Burnett Division ..</b>	<b>3,818</b>	<b>1,211</b>	<b>587</b>	<b>852</b>	<b>583</b>	<b>440</b>	<b>-</b>	<b>482</b>	<b>277</b>	<b>75</b>	<b>9</b>	<b>39</b>
Biggenden ..	72	3	4	33	16	10	-	21	2	3	-	-
Eidsvold ..	47	-	11	22	6	10	-	4	4	1	-	-
Gayndah ..	132	-	29	51	29	38	-	27	4	8	-	2
Gooburrum ..	424	371	-	-	2	-	-	-	1	-	-	3
Hervey Bay (T) ..	122	88	-	-	1	-	-	1	-	-	-	5
Isis ..	207	190	-	-	3	1	-	-	1	-	-	2
Kilkivan ..	182	-	75	71	13	26	-	-	28	6	-	-
Kingaroy ..	412	-	121	162	195	67	-	243	81	8	-	1
Kolan ..	134	104	-	3	3	-	-	-	1	-	-	2
Mirian Vale ..	33	-	-	3	-	-	-	-	1	1	1	1
Monto ..	228	-	70	164	64	71	-	2	29	7	-	-
Mundubbera ..	104	-	30	39	22	26	-	21	1	5	-	5
Murgon ..	151	-	66	71	45	54	-	29	31	5	-	4
Nanango ..	195	-	49	77	42	24	-	30	49	9	-	2
Perry ..	5	-	1	1	1	-	-	-	-	-	-	-
Tiaro ..	130	34	5	9	5	-	-	-	3	-	-	2
Widgee ..	422	-	14	4	17	2	-	-	4	-	-	5
Wondai ..	302	-	109	138	117	110	-	104	36	22	-	2
Woocoo ..	104	66	2	2	2	-	-	-	1	-	-	-
Woongarra ..	412	355	1	2	-	1	-	-	-	-	8	3
<b>Darling Downs Division</b>	<b>6,535</b>	<b>-</b>	<b>3,200</b>	<b>2,655</b>	<b>426</b>	<b>2,763</b>	<b>90</b>	<b>45</b>	<b>184</b>	<b>699</b>	<b>11</b>	<b>30</b>
Allora ..	210	-	130	93	27	37	-	5	11	55	-	3
Cambooya ..	258	-	159	90	34	39	-	-	10	53	-	-
Chinchilla ..	413	-	193	188	6	242	-	1	1	38	-	-
Clifton ..	322	-	232	205	67	65	-	20	16	122	-	2
Crow's Nest ..	190	-	63	17	9	11	-	3	1	-	-	1
Glenallan ..	409	-	199	139	70	68	-	-	8	77	-	19
Inglewood ..	186	-	73	33	2	59	-	-	10	-	10	-
Jondaryan ..	585	-	420	341	62	205	22	1	38	92	-	2
Millmerran ..	311	-	227	186	24	168	21	-	29	38	-	-
Murilla ..	222	-	70	90	1	173	-	-	1	7	-	-
Pittsworth ..	326	-	264	200	32	132	16	-	29	43	-	-
Rosalie ..	589	-	357	191	39	182	-	14	10	24	-	-
Rosenthal ..	136	-	32	22	2	13	-	-	2	1	-	-
Stanthorpe ..	555	-	3	-	-	1	-	-	2	-	-	-
Tara ..	324	-	110	136	3	271	-	-	-	22	-	-
Taroom ..	323	-	38	89	4	230	-	-	1	2	-	1
Waggamba ..	316	-	62	94	1	260	7	-	2	5	1	-
Wambo ..	860	-	568	541	43	607	24	1	13	120	-	2

Table 6 - Agricultural Establishments: Number (a) Growing Principal Crops in Local Authority Areas, Queensland, 1983-84 (continued)

Statistical division and local authority area	Any crop	Sugar cane	Barley	Grain sorghum	Maize	Wheat	Cotton	Peanuts	Soy- beans	Sun- flower	Tobacco	Potat- oes
<b>South-West Division</b>	690	-	116	122	2	458	34	-	13	23	-	1
Balonne ..	166	-	19	17	-	111	34	-	13	12	-	1
Bendemeer ..	118	-	33	20	-	87	-	-	-	1	-	-
Boorunga ..	51	-	6	5	-	34	-	-	-	-	-	-
Bulloo ..	-	-	-	-	-	-	-	-	-	-	-	-
Bungil ..	254	-	42	63	1	159	-	-	-	6	-	-
Murweh ..	20	-	1	-	-	3	-	-	-	-	-	-
Paroo ..	-	-	-	-	-	-	-	-	-	-	-	-
Quilpie ..	-	-	-	-	-	-	-	-	-	-	-	-
Warroo ..	81	-	15	17	1	64	-	-	-	4	-	-
<b>Fitzroy Division</b>	1,685	-	121	820	90	766	106	4	31	259	-	6
Banana ..	674	-	88	401	51	433	54	1	11	54	-	2
Bahinia ..	135	-	4	74	1	84	-	-	2	58	-	-
Calliope ..	120	-	9	26	6	4	-	-	1	1	-	2
Duarina ..	109	-	2	58	9	70	2	-	1	18	-	-
Emerald ..	136	-	2	66	10	80	49	-	16	42	-	-
Fitzroy ..	171	-	5	78	8	18	-	-	-	13	-	1
Jericho ..	1	-	-	-	-	-	-	-	-	-	-	-
Livingstone ..	215	-	4	23	5	5	-	3	-	-	-	1
Mount Morgan ..	5	-	1	-	-	1	-	-	-	-	-	-
Peak Downs ..	119	-	6	94	-	71	1	-	-	73	-	-
<b>Central-West Division</b>	8	-	-	-	-	1	-	-	-	-	-	-
<b>Mackay Division</b>	1,766	1,512	2	120	6	59	1	-	2	83	-	1
Belyando ..	96	-	-	80	2	50	-	-	-	62	-	-
Broadsound ..	109	44	2	27	2	7	1	-	1	18	-	1
Mirani ..	390	364	-	-	1	-	-	-	-	-	-	-
Nebo ..	24	-	-	13	-	2	-	-	-	3	-	-
Pioneer ..	756	734	-	-	1	-	-	-	1	-	-	-
Proserpine ..	195	186	-	-	-	-	-	-	-	-	-	-
Sarina ..	196	184	-	-	-	-	-	-	-	-	-	-
<b>Northern Division</b>	1,683	1,327	-	32	36	-	-	-	6	3	1	18
Bowen ..	169	-	-	8	2	-	-	-	-	-	-	2
Burdekin ..	699	645	-	18	31	-	-	-	6	2	-	5
Dairyville ..	37	-	-	6	-	-	-	-	-	1	-	2
Hinchinbrook ..	667	644	-	-	3	-	-	-	-	-	1	2
Thuringowa ..	111	38	-	-	-	-	-	-	-	-	-	7
<b>Far North Division</b>	2,483	1,418	1	24	195	2	-	118	2	-	355	58
Atherton ..	191	-	1	4	123	-	-	87	1	-	6	38
Cardwell ..	265	173	-	-	-	-	-	-	-	-	-	-
Cook ..	10	-	-	1	2	-	-	2	-	-	-	-
Croydon ..	1	-	-	-	-	-	-	-	-	-	-	-
Douglas ..	165	156	-	-	-	-	-	-	-	-	-	-
Eacham ..	91	1	-	-	27	-	-	-	-	-	-	3
Etheridge ..	4	-	-	1	-	-	-	-	-	-	-	-
Herberton ..	73	-	-	6	25	-	-	12	-	-	2	17
Johnstone ..	643	576	-	-	-	-	-	-	-	-	-	-
Mareeba ..	481	2	-	12	18	2	-	17	1	-	347	-
Mulgrave ..	559	510	-	-	-	-	-	-	-	-	-	-
<b>North-West Division</b>	11	-	-	-	-	-	-	-	-	-	-	1
<b>Total Queensland</b>	22,442	5,701	4,490	5,094	1,570	4,673	234	649	1,006	1,186	401	530

(a) Growers of any area.

Table 7 - Agricultural Establishments: Number by Area of Establishment in Statistical Divisions, Queensland, 1983-84

Area of establishment (hectares)	Statistical division										Total State
	Moreton (incl. Brisbane)	Wide Bay-Burnett	Darling Downs	South-West	Fitzroy	Central-West	Mackay	Northern	Far North	North-West	
Under 10 (a) ..	996	138	157	16	55	-	20	62	89	4	1,537
10-19 ..	448	142	165	2	37	1	3	59	70	-	927
20-29 ..	445	158	140	2	43	-	35	95	160	-	1,078
30-39 ..	409	213	168	1	37	-	53	124	264	-	1,269
40-49 ..	420	216	152	1	46	1	104	212	303	-	1,455
50-74 ..	782	586	391	10	96	-	300	403	700	-	3,268
75-99 ..	498	424	347	7	70	1	215	224	398	-	2,184
100-124 ..	385	358	324	4	75	-	196	146	253	-	1,741
125-149 ..	319	390	442	7	82	1	172	100	190	-	1,703
150-199 ..	414	466	602	11	118	-	184	118	231	-	2,144
200-249 ..	304	444	549	9	153	2	118	67	131	-	1,777
250-299 ..	176	317	562	18	114	-	100	50	71	-	1,408
300-399 ..	210	382	652	27	155	1	106	53	82	-	1,668
400-499 ..	157	252	490	22	134	1	65	35	36	1	1,193
500-749 ..	182	402	746	63	254	5	68	38	29	-	1,787
750-999 ..	78	216	349	68	169	5	36	20	15	1	957
1,000-1,999 ..	101	379	808	217	369	6	65	50	22	11	2,028
2,000-2,999 ..	36	166	428	172	221	8	50	36	15	4	1,136
3,000-3,999 ..	15	87	214	115	188	10	33	19	6	4	691
4,000-4,999 ..	5	56	116	108	126	15	24	18	6	5	479
5,000-9,999 ..	12	105	207	314	326	158	130	60	23	60	1,395
10,000-19,999 ..	3	33	63	342	162	287	96	75	29	188	1,278
20,000-29,999 ..	-	6	8	167	53	104	40	72	17	81	568
30,000-49,999 ..	-	-	8	127	32	85	24	58	41	66	441
50,000 and over ..	-	-	4	76	13	95	16	40	110	112	466
<b>Total (a)</b>	<b>6,395</b>	<b>5,936</b>	<b>8,092</b>	<b>1,906</b>	<b>3,128</b>	<b>786</b>	<b>2,253</b>	<b>2,234</b>	<b>3,291</b>	<b>537</b>	<b>34,558</b>

(a) Including non-land-based beekeeping establishments with 40 hives or more in the statistical divisions of: Moreton, 227; Wide Bay-Burnett, 67; Darling Downs, 53; South-West, 10; Fitzroy, 16; Mackay, 7; Northern, 5; Far North, 9; North-West, 1; and total State, 395.

#### SELECTED INPUTS

##### 1. Aerial Agricultural Operations

The following table contains statistics compiled from returns collected from the operators of aircraft engaged in aerial top-dressing, seeding, spraying, and allied activities such as rabbit and dingo baiting. Duplication between top-dressing and seeding and spraying has been excluded in arriving at the total area treated.

Table 8 - Aerial Agricultural Operations, Queensland, 1978-79 to 1983-84  
(Source: Department of Aviation)

Particulars	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84
Area treated .. ..	'000 hectares	698	1,462	566	1,173	882
Top-dressed and seeded .. ..	'000 hectares	108	834	97	202	205
Sprayed .. ..	'000 hectares	565	587	469	873	590
Materials used						
Superphosphate .. ..	tonnes	10,825	12,018	4,872	9,940	8,471
Seed .. ..	tonnes	89	187	58	158	852
Productive time flown .. ..	'000 hours	14.2	17.6	14.0	20.9	18.0

Table 9 - Employment in Agriculture and Services to Agriculture (a), Queensland, February 1983 to November 1984 ('000)

Month	Males	Females	Persons
1983: February r ..	57.3	19.3	76.6
May r .. ..	56.0	23.1	79.1
August r .. ..	60.8	22.1	82.9
November r .. ..	66.2	22.3	88.5
1984: February ..	54.9	18.5	73.4
May .. ..	57.8	18.7	76.5
August .. ..	60.6	19.5	80.1
November .. ..	63.8	23.2	87.0

(a) Estimates of persons 15 years and over employed on a full-time or part-time basis. For further information, see the ABS publications "The Labour Force" (Catalogue No. 6201.3) and "Agricultural Land Use and Selected Inputs" (Catalogue No. 7411.0).

## 3. Fertilisers

Table 10 - Artificial Fertiliser on Agricultural Establishments: Sugar Cane  
Area Fertilised and Type and Quantity of Fertiliser Used in Local Authority Areas, Queensland, 1983-84

Statistical division and local authority area	Area fertilised	Quantity of fertiliser used		
		Superphosphate	Straight nitrogenous	Other artificial incl. mixtures
	hectares	tonnes	tonnes	tonnes
<b>Moreton Division (including Brisbane)</b>	7,256	334	3,369	2,454
Albert .. ..	3,108	130	1,524	958
Maroochy and Landsborough .. ..	4,148	205	1,845	1,495
<b>Wide Bay-Burnett Division</b>	54,863	3,741	10,531	26,684
Gooburrum .. ..	18,695	1,362	3,827	8,362
Hervey Bay (T) .. ..	2,047	138	572	746
Isis and Biggenden .. ..	12,265	816	1,574	6,162
Kolan .. ..	5,362	301	786	2,313
Tiaro .. ..	1,112	87	288	541
Woooco .. ..	2,249	105	642	1,259
Woongarra .. ..	13,134	931	3,003	7,302
<b>Darling Downs Division</b> .. ..	-	-	-	-
<b>South-West Division</b> .. ..	-	-	-	-
<b>Fitzroy Division</b> .. ..	-	-	-	-
<b>Central-West Division</b> .. ..	-	-	-	-
<b>Mackay Division</b>	88,217	4,806	30,466	43,331
Broadsound .. ..	2,373	153	730	939
Miram .. ..	20,970	796	6,945	9,159
Pioneer .. ..	43,931	2,258	15,628	22,266
Proserpine .. ..	11,501	836	3,722	5,597
Sarina .. ..	9,442	762	3,441	5,371
<b>Northern Division</b>	70,050	5,214	43,346	14,548
Burdekin .. ..	32,955	1,925	21,020	3,003
Hinchinbrook .. ..	34,904	3,116	18,932	11,073
Thuringowa .. ..	2,190	173	1,393	471
<b>Far North Division</b>	71,891	8,841	26,643	30,798
Cardwell .. ..	9,681	1,083	3,370	4,361
Douglas and Mareeba .. ..	8,234	677	2,907	3,563
Johnstone .. ..	28,893	4,445	10,899	12,601
Mulgrave and Eacham .. ..	25,083	2,636	9,466	10,273
<b>North-West Division</b> .. ..	-	-	-	-
<b>Total Queensland</b> .. ..	292,276	22,935	114,354	117,814

Table 11 - Artificial Fertiliser on Agricultural Establishments: Wheat  
 Area Fertilised and Type and Quantity of Fertiliser Used in Local Authority Areas, Queensland, 1983-84

Statistical division and local authority area	Area fertilised	Quantity of fertiliser used		
		Superphosphate	Straight nitrogenous	Other artificial incl. mixtures
		hectares	tonnes	tonnes
<u>Moreton Division (including Brisbane)</u>	<u>1,296</u>	<u>47</u>	<u>219</u>	<u>23</u>
Beaudesert .. .. .	226	3	34	1
Boonah .. .. .	45	3	2	2
Caboolture .. .. .	30	7	3	-
Esk .. .. .	254	14	59	13
Gatton .. .. .	25	8	2	-
Laidley .. .. .	238	5	41	3
Moreton .. .. .	478	7	79	4
<u>Wide Bay-Burnett Division</u>	<u>9,927</u>	<u>302</u>	<u>508</u>	<u>718</u>
Eidsvold .. .. .	318	-	11	15
Gayndah .. .. .	1,776	36	90	111
Kilkivan .. .. .	454	10	15	18
Kingaroy .. .. .	1,711	102	26	228
Monto .. .. .	711	-	71	10
Mundubbera .. .. .	569	30	73	53
Murgon .. .. .	1,632	17	137	90
Nanango .. .. .	339	50	30	34
Wondai .. .. .	2,322	57	42	158
Other .. .. .	96	-	13	3
<u>Darling Downs Division</u>	<u>97,906</u>	<u>2,780</u>	<u>3,885</u>	<u>1,425</u>
Allora .. .. .	494	11	61	4
Cambooya .. .. .	632	20	57	6
Chinchilla .. .. .	3,760	131	79	69
Clifton .. .. .	1,361	101	116	27
Glenallan .. .. .	648	22	93	6
Inglewood .. .. .	1,568	79	47	66
Jondaryan .. .. .	6,737	193	554	89
Millmerran .. .. .	6,522	259	331	142
Murilla .. .. .	3,049	83	7	69
Pittsworth .. .. .	5,598	223	501	44
Rosalie .. .. .	2,956	143	183	61
Tara .. .. .	11,621	482	20	45
Taroom .. .. .	1,081	51	12	10
Waggamba .. .. .	16,847	342	39	148
Wambo .. .. .	34,593	633	1,781	621
Other .. .. .	440	8	7	21
<u>South-West Division</u>	<u>4,709</u>	<u>109</u>	<u>113</u>	<u>75</u>
Balonne .. .. .	2,357	34	113	54
Bendemeere .. .. .	913	24	-	6
Bungil .. .. .	557	22	-	10
Warroo .. .. .	882	29	-	5
<u>Fitzroy Division</u>	<u>17,231</u>	<u>365</u>	<u>1,000</u>	<u>257</u>
Banana .. .. .	10,150	91	609	111
Emerald .. .. .	1,896	81	245	6
Peak Downs .. .. .	1,262	120	46	27
Other .. .. .	3,922	74	100	112
<u>Central-West Division</u>	-	-	-	-
<u>Mackay Division</u>	<u>180</u>	<u>-</u>	<u>-</u>	<u>8</u>
Belyando .. .. .	180	-	-	8
<u>Northern Division</u>	-	-	-	-
<u>Far North Division</u>	<u>72</u>	<u>2</u>	<u>14</u>	<u>12</u>
<u>North-West Division</u>	-	-	-	-
<u>Total Queensland</u>	<u>131,322</u>	<u>3,604</u>	<u>5,739</u>	<u>2,517</u>

Table 12 - Artificial Fertiliser on Agricultural Establishments: Pasture (Native or Sown)  
 Area Fertilised and Type and Quantity of Fertiliser Used in Local Authority Areas, Queensland, 1983-84

Statistical division and local authority area	Area fertilised	Quantity of fertiliser used		
		Superphosphate	Straight nitrogenous	Other artificial incl. mixtures
		hectares	tonnes	tonnes
<u>Moreton Division (including Brisbane)</u>	<u>33,054</u>	<u>6,196</u>	<u>4,521</u>	<u>1,569</u>
Albert .. .. .	2,532	521	253	49
Beaudesert .. .. .	5,123	825	667	196
Caboolture .. .. .	3,815	765	339	269
Esk .. .. .	1,815	359	263	96
Kilcoy .. .. .	2,017	415	217	101
Landsborough .. .. .	3,780	799	815	295
Maroochy .. .. .	3,772	685	469	125
Moreton .. .. .	1,920	272	450	67
Noosa .. .. .	3,462	750	162	100
Pine Rivers .. .. .	1,727	355	298	87
Other .. .. .	3,092	451	590	184
<u>Wide Bay-Burnett Division</u>	<u>35,736</u>	<u>5,548</u>	<u>2,614</u>	<u>1,359</u>
Hervey Bay (T) .. .. .	2,057	402	89	92
Isis .. .. .	1,921	288	61	54
Kilkivan .. .. .	1,802	298	61	67
Kingaroy .. .. .	1,594	95	49	113
Tjaro .. .. .	2,734	422	344	85
Widgee .. .. .	12,156	2,411	1,228	692
Woooco .. .. .	1,743	447	80	22
Woorangra .. .. .	2,053	204	30	4
Other .. .. .	9,675	981	673	230
<u>Darling Downs Division</u>	<u>18,803</u>	<u>2,288</u>	<u>793</u>	<u>161</u>
Crow's Nest .. .. .	2,805	428	77	12
Rosenthal .. .. .	2,232	240	31	7
Stanthorpe .. .. .	6,584	989	18	11
Other .. .. .	7,183	632	668	131
<u>South-West Division</u>	<u>8</u>	<u>-</u>	<u>1</u>	<u>-</u>
<u>Fitzroy Division</u>	<u>6,551</u>	<u>649</u>	<u>347</u>	<u>135</u>
Livingstone .. .. .	2,907	462	101	62
Other .. .. .	3,644	246	246	73
<u>Central-West Division</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>Mackay Division</u>	<u>11,207</u>	<u>1,559</u>	<u>606</u>	<u>280</u>
Broadsound .. .. .	1,982	196	35	11
Mirani .. .. .	1,544	429	182	63
Pioneer .. .. .	965	145	75	70
Sarina .. .. .	5,345	578	173	106
Other .. .. .	1,371	211	142	31
<u>Northern Division</u>	<u>6,954</u>	<u>724</u>	<u>105</u>	<u>44</u>
Burdekin .. .. .	2,836	333	28	6
Thuringowa .. .. .	1,479	178	42	12
Other .. .. .	2,639	213	36	27
<u>Far North Division</u>	<u>32,131</u>	<u>6,304</u>	<u>3,225</u>	<u>2,538</u>
Atherton .. .. .	2,963	545	466	171
Cardwell .. .. .	5,919	236	61	78
Eacham .. .. .	14,392	3,942	2,094	1,939
Herberton .. .. .	1,798	345	406	242
Mareeba .. .. .	2,449	390	34	67
Other .. .. .	4,611	847	165	42
<u>North-West Division</u>	<u>530</u>	<u>10</u>	<u>5</u>	<u>21</u>
<u>Total Queensland</u>	<u>144,973</u>	<u>23,277</u>	<u>12,218</u>	<u>6,107</u>

## 4. Irrigation

Table 13 - Irrigation on Agricultural Establishments: Crops and

Statistical division and local authority area	Sugar cane	Grain sorghum	Other cereals	Cotton	Soybeans
	hectares	hectares	hectares	hectares	hectares
<b>Moreton Division (including Brisbane)</b>					
Division .. .. .	88	1,914	2,804	291	4,944
Albert .. .. .	72	-	34	-	-
Beaudesert .. .. .	8	25	593	-	254
Boonah .. .. .	-	55	253	-	1,047
Brisbane (C) .. .. .	-	-	3	-	-
Caboolture .. .. .	-	-	32	-	-
Esk .. .. .	-	731	485	-	1,282
Gatton .. .. .	-	392	186	-	436
Kilcoy .. .. .	-	-	9	-	-
Laidley .. .. .	-	593	619	291	1,218
Landsborough .. .. .	-	-	24	-	-
Maroochy .. .. .	8	-	13	-	-
Moreton .. .. .	-	103	514	-	708
Noosa .. .. .	-	15	15	-	-
Pine Rivers .. .. .	-	-	16	-	-
Redland .. .. .	-	-	10	-	-
<b>Wide Bay-Burnett Division</b>	<b>38,054</b>	<b>814</b>	<b>2,917</b>	<b>-</b>	<b>1,533</b>
Biggenden .. .. .	100	-	20	-	6
Eidsvold .. .. .	-	64	100	-	83
Gayndah .. .. .	-	168	79	-	23
Gooburrum .. .. .	15,442	-	148	-	8
Hervey Bay (T) .. .. .	311	-	-	-	-
Isis .. .. .	4,193	-	4	-	-
Kilkivan .. .. .	-	55	424	-	343
Kingaroy .. .. .	-	20	54	-	54
Kolan .. .. .	4,518	16	21	-	-
Miriam Vale .. .. .	-	-	8	-	-
Monto .. .. .	-	242	769	-	428
Mundubbera .. .. .	-	57	575	-	8
Murgon .. .. .	-	39	106	-	286
Narango .. .. .	-	27	86	-	145
Perry .. .. .	-	-	-	-	-
Tiaro .. .. .	626	37	51	-	25
Widgee .. .. .	-	1	228	-	13
Wondai .. .. .	-	78	222	-	112
Woooco .. .. .	1,781	-	6	-	-
Woolgarra .. .. .	11,083	10	16	-	-
<b>Darling Downs Division</b>	<b>-</b>	<b>5,651</b>	<b>7,561</b>	<b>10,963</b>	<b>5,602</b>
Allora .. .. .	-	59	212	-	11
Canbooya .. .. .	-	14	127	-	76
Chinchilla .. .. .	-	73	80	-	30
Clifton .. .. .	-	108	232	-	138
Crow's Nest .. .. .	-	-	13	-	-
Glengallan .. .. .	-	117	201	-	58
Inglewood .. .. .	-	212	421	-	365
Jondaryan .. .. .	-	1,214	1,484	2,023	1,022
Millmerran .. .. .	-	2,066	1,826	3,075	1,673
Murilla .. .. .	-	-	36	-	38
Pittsworth .. .. .	-	1,225	1,146	1,487	1,753
Rosalie .. .. .	-	27	156	-	36
Rosenthal .. .. .	-	141	353	-	60
Stanthorpe .. .. .	-	-	12	-	-
Tara .. .. .	-	-	-	-	-
Taroom .. .. .	-	-	75	-	-
Wagamba .. .. .	-	-	296	1,407	142
Wambo .. .. .	-	395	892	2,970	202

## Pasture Irrigated in Local Authority Areas, Queensland, 1983-84

Fruit (including grapes)	Vegetables	Other crops	Pasture		Total area irrigated	Establishments using irrigation
			Lucerne	Other		
hectares	hectares	hectares	hectares	hectares	hectares	No.
2,195	10,938	1,422	5,425	6,618	36,700	2,034
69	21	75	7	384	662	71
85	122	357	995	1,203	3,642	181
10	1,006	99	574	344	3,388	141
69	239	126	10	174	621	116
296	219	70	-	210	826	114
28	1,454	105	878	837	5,799	213
193	3,456	217	1,597	256	6,731	250
3	-	-	42	480	533	31
3	3,187	102	933	426	7,372	206
476	230	72	1	299	1,102	135
667	103	59	15	589	1,454	224
6	107	89	424	1,024	2,975	133
117	209	6	5	103	470	65
27	174	1	5	244	467	54
145	412	46	-	44	658	100
<u>2,324</u>	<u>2,785</u>	<u>1,138</u>	<u>2,780</u>	<u>5,292</u>	<u>57,637</u>	<u>1,719</u>
22	-	37	59	78	321	18
50	-	110	112	23	542	19
469	44	-	45	41	870	39
77	778	19	-	182	16,653	319
72	26	23	-	-	432	31
65	52	10	21	8	4,352	87
92	23	78	705	397	2,116	99
11	-	70	15	18	241	17
20	59	18	-	43	4,694	105
250	9	61	10	53	389	16
-	4	141	1,090	260	2,935	94
401	99	152	145	279	1,716	44
-	7	81	160	28	708	30
-	5	155	280	152	846	45
-	-	-	-	-	-	-
160	76	20	69	769	1,834	85
611	878	44	59	1,891	3,724	280
3	-	82	8	9	514	19
9	55	1	1	48	1,901	44
12	671	39	2	1,014	12,845	328
<u>1,405</u>	<u>1,286</u>	<u>1,091</u>	<u>2,703</u>	<u>1,828</u>	<u>38,091</u>	<u>969</u>
8	74	36	133	259	791	46
3	178	132	72	26	628	45
9	69	42	124	32	459	16
2	96	97	60	40	773	43
42	10	19	52	78	213	43
28	197	46	283	131	1,061	72
11	1	235	887	492	2,621	75
-	100	187	417	101	6,548	127
-	-	10	41	31	8,722	42
-	2	-	-	12	88	5
-	-	182	50	4	5,847	59
-	-	43	297	116	675	46
53	45	3	93	281	1,028	32
1,164	514	5	23	161	1,878	242
-	-	-	-	-	-	-
-	-	25	5	-	105	4
40	-	-	85	60	2,030	16
47	-	31	82	5	4,624	56

Table 13 - Irrigation on Agricultural Establishments: Crops and

Statistical division and local authority area			Sugar cane	Grain sorghum	Other cereals	Cotton	Soybeans
			hectares	hectares	hectares	hectares	hectares
<u>South-West Division</u>			-	40	773	8,374	750
Balonne	..	..	-	40	730	8,374	750
Bendemeer	..	..	-	-	-	-	-
Booringa	..	..	-	-	43	-	-
Bulloo	..	..	-	-	-	-	-
Bungil	..	..	-	-	-	-	-
Murweh	..	..	-	-	-	-	-
Paroo	..	..	-	-	-	-	-
Quilpie	..	..	-	-	-	-	-
Warroo	..	..	-	-	-	-	-
<u>Fitzroy Division</u>			-	1,620	4,468	10,470	1,520
Banana	..	..	-	1,030	1,708	3,448	130
Buhinia	..	..	-	-	210	-	90
Calliope	..	..	-	57	44	-	16
Duarlinga	..	..	-	174	346	-	125
Emerald	..	..	-	99	1,671	6,921	1,159
Fitzroy	..	..	-	10	121	-	-
Jericho	..	..	-	-	-	-	-
Livingstone	..	..	-	-	36	-	-
Mount Morgan	..	..	-	-	-	-	-
Peak Downs	..	..	-	250	332	100	-
<u>Central-West Division</u>			-	-	18	-	-
<u>Mackay Division</u>			29,871	130	106	-	-
Belyando	..	..	-	-	-	-	-
Broadsound	..	..	373	130	34	-	-
Mirani	..	..	7,824	-	33	-	-
Nebo	..	..	3	-	-	-	-
Pioneer	..	..	15,734	-	32	-	-
Proserpine	..	..	5,113	-	-	-	-
Sarina	..	..	824	-	7	-	-
<u>Northern Division</u>			34,794	412	2,940	-	48
Bowen	..	..	-	60	19	-	-
Burdekin	..	..	30,503	352	2,922	-	48
Dalrymple	..	..	-	-	-	-	-
Hinchinbrook	..	..	1,989	-	-	-	-
Thuringowa	..	..	2,302	-	-	-	-
<u>Far North Division</u>			1,192	22	2,048	-	-
Atherton	..	..	-	-	21	-	-
Cardwell	..	..	24	-	-	-	-
Cook	..	..	-	-	-	-	-
Croydon	..	..	-	-	-	-	-
Douglas	..	..	182	-	-	-	-
Eacham	..	..	-	-	24	-	-
Etheridge	..	..	-	-	-	-	-
Herberton	..	..	-	-	26	-	-
Johnstone	..	..	-	-	-	-	-
Mareeba	..	..	-	22	1,978	-	-
Mulgrave	..	..	986	-	-	-	-
<u>North-West Division</u>			-	-	2	-	-
<u>Total Queensland</u>			103,998	10,603	23,639	30,098	14,397

Pasture Irrigated in Local Authority Areas, Queensland, 1983-84 (continued)

Fruit (including grapes)	Vegetables	Other crops	Pasture		Total area irrigated	Establishments using irrigation
			Lucerne	Other		
hectares	hectares	hectares	hectares	hectares	hectares	No.
26	16	76	26	981	11,062	60
9	14	76	5	958	10,956	29
-	-	-	-	4	4	1
-	-	-	10	-	53	3
-	-	-	-	-	-	-
9	-	-	-	17	26	3
7	2	-	-	-	9	2
-	-	-	11	2	13	2
-	-	-	-	-	-	-
-	-	-	-	-	-	-
316	272	2,101	2,211	1,254	24,232	462
3	25	1,124	1,807	149	9,424	178
-	-	115	16	5	436	7
107	24	31	122	224	625	54
2	-	-	9	328	984	12
-	-	460	82	47	10,439	61
20	119	128	149	324	871	56
-	-	5	3	-	8	1
185	103	144	24	177	668	89
-	-	95	-	-	95	1
-	-	-	-	-	682	3
-	-	14	2	180	214	4
59	52	142	45	424	30,830	670
-	-	-	24	-	24	1
-	33	20	9	25	624	18
5	3	8	-	121	7,995	181
-	-	-	4	33	40	4
25	6	52	-	182	16,030	336
29	10	55	8	33	5,248	102
-	-	7	-	30	869	28
1,289	3,759	495	50	770	44,556	886
174	2,721	15	22	290	3,300	120
667	657	409	-	192	35,749	572
90	34	-	28	86	238	27
3	164	39	-	38	2,233	93
355	183	32	-	165	3,037	74
1,930	1,053	2,467	11	2,270	10,993	692
186	204	202	1	471	1,084	86
896	275	-	-	85	1,279	58
18	-	-	-	16	34	6
-	-	-	-	-	-	-
1	-	8	-	34	225	11
83	46	2	-	1,022	1,177	79
-	-	7	-	-	7	1
51	202	5	-	145	429	29
319	1	175	-	-	495	46
295	319	2,061	10	467	5,152	318
80	7	7	-	30	1,110	58
3	3	35	10	12	67	5
9,548	20,166	8,980	13,323	19,630	254,380	7,501

Table 14 - Irrigation on Agricultural Establishments: Method Used and (hectares)

Statistical division and local authority area	Method used			
	Sprays	Furrows and flooding	Trickle including micro-spray	Multiple
<b>Moreton Division (including Brisbane)</b>				
Division .. .. .	30,975	1,232	1,190	3,303
Albert .. .. .	588	1	36	77
Beaudesert .. .. .	3,228	8	35	371
Boonah .. .. .	2,772	-	10	606
Brisbane (C) .. .. .	416	34	49	122
Caboolture .. .. .	622	21	107	75
Esk .. .. .	4,722	149	25	902
Galton .. .. .	6,008	299	119	306
Kilcoy .. .. .	422	40	3	69
Laidley .. .. .	6,529	424	6	414
Landsborough .. .. .	822	4	206	71
Maroochy .. .. .	985	1	404	63
Moreton .. .. .	2,622	237	4	113
Noosa .. .. .	315	-	93	62
Pine Rivers .. .. .	407	13	11	36
Redland .. .. .	557	-	83	18
<b>Wide Bay-Burnett Division</b>	<b>41,161</b>	<b>7,775</b>	<b>1,678</b>	<b>7,022</b>
Biggenden .. .. .	270	30	6	15
Eidsvold .. .. .	501	-	8	33
Gayndah .. .. .	521	165	118	66
Gooburrum .. .. .	11,605	2,916	266	1,866
Hervey Bay (T) .. .. .	310	-	24	97
Isis .. .. .	3,996	-	88	268
Kilkivan .. .. .	1,978	6	61	71
Kingaroy .. .. .	227	1	3	10
Kolan .. .. .	3,496	396	46	757
Miriam Vale .. .. .	389	-	-	-
Monto .. .. .	2,578	5	-	352
Murdhibera .. .. .	1,176	74	102	364
Murgon .. .. .	561	97	-	50
Nanango .. .. .	802	10	-	37
Perry .. .. .	-	-	-	-
Tiaro .. .. .	1,375	26	153	279
Widgee .. .. .	2,798	83	541	302
Wondai .. .. .	169	331	1	14
Woorcoo .. .. .	1,745	-	8	148
Woorarra .. .. .	6,663	3,637	253	2,293
<b>Darling Downs Division</b>	<b>10,866</b>	<b>25,191</b>	<b>900</b>	<b>1,105</b>
Allora .. .. .	709	38	8	37
Cambooya .. .. .	582	-	46	1
Chinchilla .. .. .	286	95	14	64
Clifton .. .. .	661	66	2	45
Crow's Nest .. .. .	150	8	44	11
Glengallan .. .. .	973	5	23	60
Inglewood .. .. .	1,963	452	9	197
Jondaryan .. .. .	1,606	4,594	-	348
Millmerran .. .. .	358	8,223	-	141
Murilla .. .. .	76	-	-	12
Pittsworth .. .. .	265	5,575	-	7
Rosalie .. .. .	621	4	-	51
Rosenthal .. .. .	637	377	14	-
Stanthorpe .. .. .	1,082	9	689	98
Tara .. .. .	-	-	-	-
Taroon .. .. .	100	-	-	5
Wagamba .. .. .	303	1,687	40	-
Wambo .. .. .	495	4,060	42	28

Source of Water in Local Authority Areas, Queensland, 1983-84  
(hectares)

Source of water					Total area irrigated
Supplied by irrigation areas	Other streams, lakes, etc.	Farm dams	Underground	Town supply	
6,382	8,367	5,313	16,588	49	36,700
-	328	217	110	6	662
660	2,036	173	773	-	3,642
1,646	865	35	841	-	3,388
-	163	150	272	36	621
-	134	686	6	-	826
2,283	1,585	446	1,484	-	5,799
-	460	547	5,724	-	6,731
-	325	37	172	-	533
375	427	478	6,091	-	7,372
-	403	657	41	2	1,102
-	605	789	59	-	1,454
1,397	656	247	674	1	2,975
-	125	339	6	-	470
-	215	193	60	-	467
20	40	320	275	3	658
<u>18,006</u>	<u>12,125</u>	<u>8,959</u>	<u>18,546</u>	<u>1</u>	<u>57,637</u>
147	104	50	20	-	321
144	277	-	122	-	542
253	430	152	35	-	870
5,852	1,946	2,786	6,069	-	16,653
-	201	181	49	1	432
73	856	1,347	2,078	-	4,352
34	628	37	1,417	-	2,116
-	41	90	110	-	241
3,198	1,158	315	24	-	4,694
-	300	85	4	-	389
-	164	18	2,753	-	2,935
656	817	59	185	-	1,716
56	424	41	187	-	708
-	141	122	586	-	849
-	-	-	-	-	-
150	1,081	521	81	-	1,834
855	1,559	1,098	212	-	3,724
70	267	96	81	-	514
623	706	392	181	-	1,901
5,897	1,026	1,570	4,352	-	12,845
<u>5,689</u>	<u>6,003</u>	<u>10,483</u>	<u>15,910</u>	<u>5</u>	<u>38,091</u>
58	140	26	568	-	791
-	42	22	560	5	628
130	204	124	1	-	459
64	152	94	463	-	773
-	39	82	91	-	213
-	356	103	602	-	1,061
1,489	1,032	55	45	-	2,621
-	478	1,257	4,812	-	6,548
1,867	1,357	3,405	2,093	-	8,722
-	88	-	-	-	88
-	32	1,618	4,197	-	5,847
-	140	53	482	-	675
186	361	210	271	-	1,028
38	471	1,334	36	-	1,878
-	-	-	-	-	-
-	60	-	45	-	105
1,541	465	24	-	-	2,030
316	587	2,077	1,645	1	4,624

Table 14 - Irrigation on Agricultural Establishments: Method Used and (hectares)

Statistical division and local authority area	Method used			
	Sprays	Furrows and flooding	Trickle (including micro-spray)	Multiple
<u>South-West Division</u>				
Balonne .. .. .	355	10,583	124	-
Bendeme .. .. .	259	10,576	122	-
Booringa .. .. .	4	-	-	-
Bulloo .. .. .	53	-	-	-
Bungil .. .. .	-	-	1	-
Murweh .. .. .	25	-	-	-
Paroo .. .. .	1	7	1	-
Quilpie .. .. .	13	-	-	-
Warroo .. .. .	-	-	-	-
<u>Fitzroy Division</u>				
Banana .. .. .	8,261	14,553	173	1,145
Bauhina .. .. .	4,435	4,357	-	632
Calliope .. .. .	101	135	-	200
Duarina .. .. .	389	140	58	38
Duarina .. .. .	924	40	-	20
Emerald .. .. .	939	9,309	-	191
Fitzroy .. .. .	733	68	38	32
Jericho .. .. .	8	-	-	-
Livingstone .. .. .	547	13	77	32
Mount Morgan .. .. .	95	-	-	-
Peak Downs .. .. .	190	492	-	-
<u>Central-West Division</u>				
	34	180	-	-
<u>Mackay Division</u>				
Belyando .. .. .	20,824	6,448	141	3,417
Broadsound .. .. .	24	-	-	-
Miram .. .. .	380	70	24	150
Nebo .. .. .	5,682	1,376	5	932
Pioneer .. .. .	40	-	-	-
Proserpine .. .. .	10,576	3,561	76	1,817
Sarina .. .. .	3,516	1,333	28	371
	605	109	7	148
<u>Northern Division</u>				
Bowen .. .. .	4,632	36,992	1,563	1,370
Burdekin .. .. .	300	2,657	309	34
Dalrymple .. .. .	1,798	32,345	883	723
Hinchinbrook .. .. .	147	25	67	-
Thuringowa .. .. .	1,573	100	15	546
	815	1,865	289	67
<u>Far North Division</u>				
Atherton .. .. .	6,350	2,633	832	1,178
Cardwell .. .. .	682	47	187	167
Cook .. .. .	721	4	196	359
Croydon .. .. .	26	-	8	1
Douglas .. .. .	-	-	-	-
Eacham .. .. .	185	39	1	-
Etheridge .. .. .	879	6	38	255
Herberton .. .. .	7	-	-	-
Johnstone .. .. .	403	3	19	4
Mareeba .. .. .	163	170	132	30
	2,341	2,307	202	302
Mulgrave .. .. .	943	57	49	61
<u>North-West Division</u>				
	54	12	-	1
<u>Total Queensland</u>	123,611	105,598	6,631	18,540

Source of Water in Local Authority Areas, Queensland, 1983-84 (continued)  
(hectares)

Source of water					Total area irrigated
Supplied by irrigation areas	Other streams, lakes, etc.	Farm dams	Underground	Town supply	
8,693	1,227	1,130	11	-	11,062
8,693	1,198	1,065	-	-	10,956
-	4	-	-	-	4
-	3	40	10	-	53
-	-	-	-	-	-
-	-	25	1	-	26
-	9	-	-	-	9
-	13	-	-	-	13
-	-	-	-	-	-
-	-	-	-	-	-
12,648	2,349	1,812	7,423	1	24,232
2,203	682	371	6,168	-	9,424
-	5	330	101	-	436
-	192	103	330	-	625
-	519	445	20	-	984
10,368	71	-	-	-	10,439
59	264	41	507	-	871
-	8	-	-	-	8
18	366	82	202	1	668
-	-	-	95	-	95
-	242	440	-	-	684
-	134	80	-	-	214
1,856	6,066	2,243	20,665	-	30,830
-	-	-	24	-	24
-	329	141	154	-	624
1,187	2,442	483	3,883	-	7,995
-	20	-	20	-	40
668	2,221	1,073	12,068	-	16,030
-	913	376	3,959	-	5,248
-	141	170	558	-	869
4,859	5,222	393	34,080	2	44,556
-	257	47	2,994	2	3,300
4,789	2,818	50	28,092	-	35,749
-	64	-	174	-	238
70	1,423	53	687	-	2,233
-	660	243	2,134	1	3,037
4,480	5,059	533	917	4	10,993
382	454	65	182	1	1,084
-	1,079	80	120	-	1,279
-	19	-	16	-	34
-	-	-	-	-	-
-	115	10	100	-	225
-	1,073	95	9	-	1,177
-	7	-	-	-	7
-	268	150	11	-	429
-	472	15	9	-	495
4,098	967	55	33	-	5,152
-	607	63	438	3	1,110
-	29	-	38	-	67
62,613	46,580	30,946	114,180	62	254,380

Tables 15 to 17 contain details of the structure of economic units predominantly engaged in selected agricultural industries.

The Australian Standard Industrial Classification (ASIC) defines the industries of the economy for statistical purposes, thus permitting the scope of the different economic statistical collections to be specified without gaps or

Table 15 - Agricultural Establishments (a): Number (b) by Value

Estimated value of operations (\$'000)			Industry class							
			Cereal grain and oilseeds	Sheep and cereal grain	Meat cattle and cereal grain	Sheep and meat cattle	Sheep	Meat cattle	Milk cattle	Pigs
3- 9	..	..	186	4	178	37	45	2,610	58	52
10- 19	..	..	305	15	291	44	99	1,760	154	89
20- 29	..	..	318	15	249	46	96	967	256	59
30- 39	..	..	296	16	202	40	68	648	398	47
40- 49	..	..	268	23	153	42	85	451	428	48
50- 59	..	..	275	28	142	48	81	341	359	48
60- 74	..	..	376	32	155	91	139	395	415	64
75- 99	..	..	462	46	211	117	167	496	406	75
100-149	..	..	585	87	284	170	241	592	220	105
150-199	..	..	277	63	155	78	109	284	47	47
200 and over	..	..	597	67	211	103	112	530	26	95
<u>Total Queensland</u>			3,945	396	2,231	816	1,240	9,074	2,767	729

(a) An establishment covers all operations carried out by one enterprise at a single physical location.

(b) Establishments with an estimated value of agricultural operations of \$2,500 or more and whose predominant activity

Table 16 - Agricultural Establishments (a): Number (b) by Selected

Statistical division and local authority area		Industry class							
		Cereal grain and oilseeds	Sheep and cereal grain	Meat cattle and cereal grain	Sheep and meat cattle	Sheep	Meat cattle	Milk cattle	Pigs
<u>Moreton Division (including Brisbane Division)</u>		172	-	164	-	3	1,689	946	140
Albert	..	-	-	-	-	-	75	72	4
Beaudesert	..	9	-	40	-	-	278	147	18
Boonah	..	33	-	34	-	-	193	89	27
Brisbane (C)	..	-	-	-	-	-	12	8	1
Caboolture	..	-	-	-	-	-	77	61	9
Esk	..	34	-	15	-	-	255	75	17
Gatton	..	9	-	10	-	2	115	40	16
Kilcoy	..	-	-	1	-	-	101	45	3
Laidley	..	46	-	15	-	-	65	46	4
Landsborough	..	-	-	-	-	-	96	87	1
Maroochy	..	1	-	1	-	1	82	60	7
Moreton	..	40	-	48	-	-	220	116	25
Noosa	..	-	-	-	-	-	76	37	1
Pine Rivers	..	-	-	-	-	-	39	63	3
Redland	..	-	-	-	-	-	5	-	4
<u>Wide Bay-Burnett Division</u>		393	1	328	2	1	1,921	591	248
Biggenden	..	4	-	9	-	-	88	27	4
Eidsvold	..	3	-	14	-	-	91	2	3
Gayndah	..	19	-	20	-	-	114	12	13
Gooburrum	..	-	-	1	-	-	32	7	1
Hervey Bay (T)	..	-	-	-	-	-	39	7	2

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overlaps between them. It also sets out standard rules for identifying the economic units referred to in these tables and for coding them to the industries of the classification.

An explanation of the units involved in agriculture and the determination of the industry of such economic units is given in the ABS publication "Agricultural Industries, Structure of Operating Units" (Catalogue No. 7102.0).

of Operations and Selected Industry Class, Queensland, 1983-84

Industry class									Total
Poultry	Fruit (including grapes)	Potatoes	Other vegetables	Sugar cane	Tobacco	Peanuts	Cotton	Other agriculture	
5	385	4	140	29	-	9	-	638	4,380
11	359	17	178	76	-	17	3	348	3,766
4	256	6	146	179	-	26	2	190	2,813
14	227	12	114	389	6	38	2	133	2,650
17	137	13	83	649	19	35	2	91	2,544
18	110	16	67	675	39	39	1	58	2,345
39	145	14	81	891	72	52	6	72	3,039
34	132	42	92	1,027	137	51	6	66	3,567
48	131	63	127	977	92	57	19	54	3,852
29	58	33	63	392	21	28	18	16	1,718
63	114	67	143	308	11	27	128	50	2,652
282	2,054	287	1,234	5,592	397	379	187	1,716	33,326

is agriculture.

Industry Class in Local Authority Areas, Queensland, 1983-84

Industry class									Total
Poultry	Fruit (including grapes)	Potatoes	Other vegetables	Sugar cane	Tobacco	Peanuts	Cotton	Other agriculture	
183	847	219	583	225	24	-	3	831	6,029
17	49	3	7	93	-	-	-	86	406
25	32	1	13	-	-	-	-	69	632
2	1	28	39	-	-	-	-	31	477
35	37	8	54	-	-	-	-	146	301
19	140	3	26	-	6	-	-	44	385
3	7	31	65	-	-	-	-	29	531
2	17	77	115	-	-	-	-	68	471
-	2	-	-	-	-	-	-	3	155
3	4	54	94	-	-	-	3	33	367
19	157	2	22	-	18	-	-	35	437
4	290	-	27	132	-	-	-	88	693
4	2	2	16	-	-	-	-	95	568
1	30	-	32	-	-	-	-	28	205
16	43	1	14	-	-	-	-	40	219
33	36	9	59	-	-	-	-	36	182
6	290	5	233	1,156	8	267	-	237	5,687
-	2	-	-	3	-	16	-	4	157
-	3	-	-	-	-	3	-	4	123
-	30	-	3	-	-	11	-	3	225
1	10	1	38	355	-	-	-	8	454
-	16	-	2	84	-	1	-	33	184

Table 16 - Agricultural Establishments (a): Number (b) by Selected Industry Class

Statistical division and local authority area	Industry class							
	Cereal grain and oilseeds	Sheep and cereal grain	Meat cattle and cereal grain	Sheep and meat cattle	Sheep	Meat cattle	Milk cattle	Pigs
<b>Wide Bay-Burnett Division</b>								
(continued)								
Isis .. ..	-	-	3	-	-	35	3	-
Kilkivan .. ..	20	-	42	-	-	188	49	22
Kingaroy .. ..	106	-	47	-	-	116	27	32
Kolan .. ..	-	-	1	-	-	102	4	4
Miriam Vale .. ..	-	-	1	-	-	138	18	4
Monto .. ..	49	-	55	-	-	128	55	38
Mundubbera .. ..	16	-	18	-	-	94	20	16
Murgon .. ..	38	-	18	-	-	36	31	36
Nanango .. ..	29	1	49	-	-	121	48	21
Perry .. ..	-	-	1	-	1	68	1	1
Tiaro .. ..	-	-	5	-	-	113	46	6
Widgee .. ..	2	-	5	1	-	183	181	6
Wondai .. ..	104	-	39	-	-	119	36	33
Woocoo .. ..	1	-	-	1	-	103	14	3
Woongarra .. ..	2	-	-	-	-	13	3	3
<b>Darling Downs Division</b>								
Allora .. ..	2,657	256	965	181	296	1,420	810	247
Altona .. ..	82	3	39	1	3	26	40	11
Cambooya .. ..	91	2	29	-	-	39	64	12
Chinchilla .. ..	196	9	80	12	20	149	20	19
Clifton .. ..	191	7	43	3	-	26	31	8
Crow's Nest .. ..	8	-	6	1	-	190	133	26
Glengallan .. ..	115	5	88	7	-	123	79	22
Inglewood .. ..	35	16	35	34	76	54	1	9
Jondaryan .. ..	330	5	39	1	4	40	106	21
Millmerran .. ..	191	16	49	8	10	31	1	8
Murilla .. ..	118	9	59	2	7	71	-	5
Pittsworth .. ..	200	2	41	-	-	14	47	12
Rosalie .. ..	142	1	82	-	-	154	230	35
Rosenthal .. ..	14	1	16	32	27	68	17	8
Stanthorpe .. ..	-	2	1	16	43	31	1	1
Tara .. ..	127	89	60	32	59	44	2	4
Taroom .. ..	85	7	148	-	-	229	-	-
Wagamba .. ..	135	72	60	28	43	38	-	4
Wambo .. ..	597	10	90	4	4	93	38	42
<b>South-West Division</b>								
Balcrone .. ..	131	135	189	301	532	507	4	10
Balcrone .. ..	34	57	16	51	112	22	-	-
Bendemere .. ..	25	1	65	1	1	71	3	4
Booronga .. ..	9	18	7	39	61	93	-	-
Bulloo .. ..	-	-	-	11	11	17	-	-
Bungill .. ..	46	24	90	29	23	205	1	4
Murweh .. ..	-	1	1	72	88	56	-	1
Paroo .. ..	-	-	-	26	129	9	-	-
Quilpie .. ..	-	-	-	37	64	7	-	-
Warroo .. ..	17	34	10	35	43	27	-	1
<b>Fitzroy Division</b>								
Banana .. ..	437	4	498	3	2	1,495	98	52
Banana .. ..	209	3	265	1	-	328	15	30
Raubinia .. ..	44	1	59	-	-	122	-	-
Calliope .. ..	4	-	9	1	-	199	32	3
Duaringa .. ..	22	-	59	-	-	150	1	1
Emerald .. ..	54	-	23	-	1	75	1	-

## in Local Authority Areas, Queensland, 1983-84 (continued)

Industry class									Total
Poultry	Fruit (including grapes)	Potatoes	Other vegetables	Sugar cane	Tobacco	Peanuts	Cotton	Other agriculture	
-	7	-	2	187	-	-	-	6	243
-	11	-	5	-	-	-	-	19	356
1	-	-	1	-	-	156	-	7	493
-	6	-	8	99	-	-	-	7	231
-	1	-	3	-	1	-	-	5	171
1	-	-	-	-	-	1	-	6	333
-	10	2	7	-	-	6	-	6	195
-	-	-	3	-	-	-	-	16	189
-	-	-	1	-	-	11	-	6	287
-	-	-	-	-	-	-	-	-	72
-	21	-	14	33	-	-	-	16	254
3	146	-	101	-	-	-	-	48	676
-	-	-	1	-	-	51	-	14	397
-	16	-	2	65	-	-	-	6	211
-	11	2	42	330	7	-	-	23	436
<u>50</u>	<u>449</u>	<u>18</u>	<u>135</u>	-	<u>11</u>	<u>25</u>	<u>63</u>	<u>282</u>	<u>7,865</u>
1	2	2	3	-	-	4	-	12	229
13	-	-	14	-	-	-	-	42	306
-	6	-	6	-	-	-	-	6	523
-	1	-	6	-	-	14	-	4	334
10	7	-	5	-	-	2	-	16	404
3	1	14	1	-	-	-	-	48	506
-	-	-	1	-	10	-	-	13	284
8	-	1	6	-	-	-	14	38	613
4	-	-	-	-	-	-	14	3	335
-	1	-	1	-	-	-	-	5	278
6	-	-	-	-	-	-	11	4	337
4	-	-	-	-	-	5	-	23	676
-	19	-	4	-	-	-	-	16	222
-	407	-	88	-	-	-	-	24	614
-	-	-	-	-	-	-	-	4	421
-	-	-	-	-	-	-	-	4	473
-	1	-	-	-	1	-	5	2	389
1	4	1	-	-	-	-	19	18	921
-	<u>10</u>	-	4	-	-	-	<u>32</u>	<u>23</u>	<u>1,878</u>
-	3	-	2	-	-	-	<u>32</u>	<u>2</u>	<u>331</u>
-	-	-	-	-	-	-	-	4	175
-	-	-	-	-	-	-	-	1	228
-	-	-	-	-	-	-	-	1	40
-	6	-	-	-	-	-	-	7	435
-	1	-	2	-	-	-	-	5	227
-	-	-	-	-	-	-	-	3	167
-	-	-	-	-	-	-	-	-	108
-	-	-	-	-	-	-	-	-	167
<u>17</u>	<u>163</u>	<u>3</u>	<u>53</u>	-	-	<u>1</u>	<u>88</u>	<u>119</u>	<u>3,033</u>
9	1	1	4	-	-	-	<u>43</u>	<u>33</u>	<u>942</u>
-	-	-	-	-	-	-	-	3	229
-	50	-	7	-	-	-	-	12	317
-	-	-	-	-	-	-	-	4	237
-	-	-	-	-	-	-	45	9	208

Table 16 - Agricultural Establishments (a): Number (b) by Selected Industry Class

Statistical division and local authority area	Industry class							
	Cereal grain and oilseeds	Sheep and cereal grain	Meat cattle and cereal grain	Sheep and meat cattle	Sheep	Meat cattle	Milk cattle	Pigs
<b>Fitzroy Division (continued)</b>								
Fitzroy .. ..	19	-	41	-	-	226	27	6
Jericho .. ..	-	-	-	1	1	119	-	-
Livingstone .. ..	9	-	7	-	-	210	20	9
Mount Morgan .. ..	-	-	-	-	-	19	2	2
Peak Downs .. ..	76	-	35	-	-	47	-	1
<b>Central-West Division</b>								
Aramac .. ..	-	-	-	236	336	190	6	-
Baraldine .. ..	-	-	-	38	40	32	-	-
Barcoo .. ..	-	-	-	25	18	23	1	-
Blackall .. ..	-	-	-	12	27	23	-	-
Blackall .. ..	-	-	-	32	39	20	1	-
Boulia .. ..	-	-	-	10	7	18	-	-
Diamantina .. ..	-	-	-	-	-	12	-	-
Ilfracombe .. ..	-	-	-	9	34	1	-	-
Isisford .. ..	-	-	-	12	26	8	-	-
Longreach .. ..	-	-	-	31	76	11	3	-
Tambo .. ..	-	-	-	20	14	14	1	-
Winton .. ..	-	-	-	47	55	26	-	-
<b>Mackay Division</b>								
Belyando .. ..	65	-	65	-	-	472	52	5
Broadmeadows .. ..	62	-	26	-	-	105	1	-
Broadmeadows .. ..	1	-	30	-	-	138	-	1
Mirani .. ..	-	-	-	-	-	24	29	1
Nebo .. ..	2	-	9	-	-	64	3	-
Pioneer .. ..	-	-	-	-	-	72	5	3
Proserpine .. ..	-	-	-	-	-	27	-	-
Sarina .. ..	-	-	-	-	-	44	14	-
<b>Northern Division</b>								
Bowen .. ..	24	-	4	1	-	522	1	10
Bowen .. ..	1	-	-	1	-	124	1	-
Burdekin .. ..	20	-	1	-	-	29	-	3
Dalrymple .. ..	1	-	2	-	-	260	-	-
Hinchinbrook .. ..	2	-	1	-	-	43	-	1
Thuringowa .. ..	-	-	-	-	-	66	-	6
<b>Far North Division</b>								
Atherton .. ..	66	-	18	-	-	502	259	17
Atherton .. ..	27	-	7	-	-	41	41	8
Cardwell .. ..	-	-	-	-	-	21	-	-
Cook .. ..	-	-	-	-	-	64	1	-
Croydon .. ..	-	-	-	-	-	22	-	-
Douglas .. ..	-	-	-	-	-	29	-	-
Eacham .. ..	8	-	5	-	-	69	187	3
Etheridge .. ..	-	-	1	-	-	69	-	-
Herberton .. ..	10	-	5	-	-	52	28	2
Johnstone .. ..	-	-	-	-	-	36	-	-
Mareeba .. ..	21	-	-	-	-	90	1	3
Mulgrave .. ..	-	-	-	-	-	9	1	1
<b>North-West Division</b>								
Burke .. ..	-	-	-	92	70	356	-	-
Burke .. ..	-	-	-	-	-	22	-	-
Carpentaria .. ..	-	-	-	-	-	26	-	-
Cloncurry .. ..	-	-	-	1	1	64	-	-
Flinders .. ..	-	-	-	30	32	104	-	-
McKinlay .. ..	-	-	-	34	18	66	-	-
Mount Isa (C) .. ..	-	-	-	-	-	19	-	-
Richmond .. ..	-	-	-	27	19	55	-	-
<b>Total Queensland</b>	<b>3,945</b>	<b>396</b>	<b>2,231</b>	<b>816</b>	<b>1,240</b>	<b>9,074</b>	<b>2,767</b>	<b>729</b>

(a) An establishment covers all operations carried out by one enterprise at a single physical location.

(b) Establishments with an estimated value of agricultural operations of \$2,500 or more and whose predominant activity

in Local Authority Areas, Queensland, 1983-84 (continued)

Industry class									Total
Poultry	Fruit (including grapes)	Potatoes	Other vegetables	Sugar cane	Tobacco	Peanuts	Cotton	Other agriculture	
3	4	1	19	-	-	-	-	24	370
-	-	-	-	-	-	-	-	1	122
4	108	1	23	-	-	1	-	28	420
1	-	-	-	-	-	-	-	3	27
-	-	-	-	-	-	-	-	2	161
-	-	-	-	-	-	-	-	3	771
-	-	-	-	-	-	-	-	-	110
-	-	-	-	-	-	-	-	1	68
-	-	-	-	-	-	-	-	-	62
-	-	-	-	-	-	-	-	-	92
-	-	-	-	-	-	-	-	-	35
-	-	-	-	-	-	-	-	-	12
-	-	-	-	-	-	-	-	-	46
-	-	-	-	-	-	-	-	-	46
-	-	-	-	-	-	-	-	1	122
-	-	-	-	-	-	-	-	-	49
-	-	-	-	-	-	-	-	1	131
<u>3</u>	<u>12</u>	-	<u>8</u>	<u>1,502</u>	-	-	<u>1</u>	<u>38</u>	<u>2,223</u>
-	-	-	-	-	-	-	-	2	194
-	2	-	2	43	-	-	1	2	220
-	1	-	3	363	-	-	-	5	426
-	-	-	-	-	-	-	-	2	80
2	4	-	2	730	-	-	-	19	837
1	3	-	1	183	-	-	-	7	222
-	2	-	-	183	-	-	-	1	244
<u>11</u>	<u>64</u>	<u>8</u>	<u>161</u>	<u>1,302</u>	<u>1</u>	-	-	<u>54</u>	<u>2,163</u>
<u>1</u>	<u>25</u>	-	<u>113</u>	-	-	-	-	<u>12</u>	<u>278</u>
1	9	-	19	626	-	-	-	7	715
-	6	-	6	-	-	-	-	15	290
1	1	1	10	639	1	-	-	2	702
8	23	7	13	37	-	-	-	18	178
<u>10</u>	<u>219</u>	<u>34</u>	<u>57</u>	<u>1,407</u>	<u>353</u>	<u>86</u>	-	<u>124</u>	<u>3,152</u>
<u>2</u>	<u>19</u>	<u>17</u>	<u>3</u>	-	<u>6</u>	<u>67</u>	-	<u>20</u>	<u>258</u>
-	80	-	9	167	-	-	-	7	284
-	1	-	-	-	-	2	-	4	72
-	-	-	-	-	-	-	-	-	22
1	4	-	-	154	-	-	-	4	192
2	9	2	1	-	-	-	-	10	296
-	-	-	-	-	-	-	-	-	70
1	7	15	4	-	2	6	-	8	140
2	58	-	1	574	-	-	-	8	679
-	28	-	37	2	345	11	-	35	573
2	13	-	2	510	-	-	-	28	566
<u>2</u>	-	-	-	-	-	-	-	<u>5</u>	<u>525</u>
-	-	-	-	-	-	-	-	-	<u>22</u>
-	-	-	-	-	-	-	-	-	26
-	-	-	-	-	-	-	-	-	66
-	-	-	-	-	-	-	-	3	169
-	-	-	-	-	-	-	-	-	118
2	-	-	-	-	-	-	-	2	23
-	-	-	-	-	-	-	-	-	101
282	2,054	287	1,234	5,592	397	379	187	1,716	33,326

is agriculture.

Table 17 - Agricultural Enterprises (a): Number by Selected Industry Class and Legal Status, Queensland, 1981-82 (b)

Industry class	Legal status						Total enterprises
	Sole operator	Family partnership	Other partnership	Private incorporated company	Public incorporated company	Other (c)	
Cereal grain and oilseeds ..	786	2,535	70	107	2	81	3,581
Sheep and cereal grain ..	73	283	12	6	-	8	382
Meat cattle and cereal grain ..	576	1,565	41	45	-	41	2,268
Sheep and meat cattle ..	164	593	32	26	-	29	844
Sheep ..	233	751	50	32	1	35	1,102
Meat cattle ..	3,034	4,678	300	294	5	213	8,524
Milk cattle ..	791	1,850	35	42	1	48	2,767
Pigs ..	179	540	22	30	1	7	779
Poultry ..	50	178	11	33	-	8	280
Fruit (including grapes) ..	537	1,344	55	60	1	21	2,018
Potatoes ..	47	177	2	10	-	3	239
Other vegetables ..	289	868	27	34	1	16	1,235
Sugar cane ..	1,082	4,167	120	169	3	103	5,644
Tobacco ..	77	353	9	4	1	9	453
Peanuts ..	113	334	4	14	1	6	472
Cotton ..	26	102	9	11	-	8	156
Other agriculture ..	506	926	65	77	1	23	1,598
<b>Total</b> ..	<b>8,563</b>	<b>21,244</b>	<b>864</b>	<b>994</b>	<b>18</b>	<b>659</b>	<b>32,342</b>

(a) The term "enterprise" comprises all operations of a single operating legal entity which means a sole trader, partnership, company, trust, co-operative, or estate in the private sector, or a department or a local or other statutory authority in the government sector. (b) Latest year available. (c) Including co-operative societies, trusts, and estates.

Table 18 - Agricultural Enterprises (a): Number by Value of Operations and Legal Status, Queensland, 1981-82 (b)

Estimated value of operations (\$'000)	Legal status						Total enterprises
	Sole operator	Family partnership	Other partnership	Private incorporated company	Public incorporated company	Other (c)	
3- 9 ..	1,990	2,383	152	87	3	84	4,699
10- 19 ..	1,494	2,199	87	75	-	70	3,925
20- 29 ..	1,015	1,792	68	42	1	59	2,977
30- 39 ..	782	1,627	56	46	3	50	2,564
40- 49 ..	630	1,689	45	43	-	49	2,456
50- 59 ..	548	1,455	56	49	1	39	2,148
60- 74 ..	617	2,034	60	50	1	50	2,812
75- 99 ..	611	2,504	74	90	-	55	3,334
100-149 ..	491	2,678	110	143	-	81	3,503
150-199 ..	215	1,274	55	93	1	40	1,678
200 and over ..	170	1,609	101	276	8	82	2,246
<b>Total</b> ..	<b>8,563</b>	<b>21,244</b>	<b>864</b>	<b>994</b>	<b>18</b>	<b>659</b>	<b>32,342</b>

(a) The term "enterprise" comprises all operations of a single operating legal entity which means a sole trader, partnership, company, trust, co-operative, or estate in the private sector, or a department or a local or other statutory authority in the government sector. (b) Latest year available. (c) Including co-operative societies, trusts, and estates.

Table 19 - Meteorological Observations, Brisbane, 1983

(Source: Bureau of Meteorology, Brisbane)

Month	Corrected mean sea level pressure 9 a.m.	Shade temperature					Rainfall		
		Mean	Absolute maximum	Absolute minimum	Mean maximum	Mean minimum	Total	Wet days (a)	Average (b)
	mb	deg C	deg C	deg C	deg C	deg C	mm	No.	mm
January ..	1,014.8	25.2	33.2	18.8	29.1	21.3	84	9	166
February ..	1,017.1	25.8	32.5	18.8	30.3	21.3	112	13	163
March ..	1,018.3	24.9	34.4	17.8	29.0	20.9	79	13	146
April ..	1,018.3	21.9	31.2	12.3	25.9	17.9	113	11	86
May ..	1,021.1	20.0	27.4	11.4	23.6	16.4	300	19	71
June ..	1,021.5	16.3	24.3	6.9	20.4	12.2	274	12	68
July ..	1,021.8	15.9	26.1	7.5	19.9	11.9	50	10	56
August ..	1,024.3	16.7	24.6	9.2	21.3	12.1	56	8	46
September ..	1,019.6	20.8	32.9	11.5	25.7	15.9	22	4	48
October ..	1,016.4	21.7	30.6	12.9	25.8	17.6	76	10	75
November ..	1,016.3	22.9	34.4	16.0	26.8	18.9	206	15	97
December ..	1,016.0	23.5	34.6	16.6	27.7	19.3	100	10	130
Year ..	1,018.8	21.3	34.6	6.9	25.4	17.1	1,473	134	1,151

(a) Days on which 0.1 mm or more of rain fell.

(b) Average annual rainfall based on all years of record.

Table 20 - Rainfall at Selected Stations, Queensland, 1973 to 1983

(Source: Bureau of Meteorology, Brisbane)  
(millimetres)

Locality	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	Average (a)
<b>Coastal</b>												
Brisbane ..	1,262	2,194	1,090	1,312	660	965	748	1,136	1,453	1,042	1,473	1,151
Bundaberg ..	1,884	1,478	852	1,455	783	1,138	477	843	973	988	1,651	1,155
Gladstone ..	1,418	1,205	988	970	967	962	527	841	973	538	1,442	947
Rockhampton ..	1,637	1,172	914	995	835	1,180	470	604	710	394	1,062	871
Mackay ..	1,767	2,307	1,710	2,248	1,534	1,409	2,482	1,183	1,359	980	1,382	1,672
Townsville ..	1,533	1,707	1,447	1,437	1,320	1,070	1,025	722	1,762	701	782	1,215
Innisfail ..	6,906	4,494	6,531	4,799	7,730	4,222	6,445	3,888	7,368	4,230	4,720	3,726
Cairns ..	2,852	2,498	2,428	2,000	2,784	1,425	2,836	1,472	2,792	1,445	1,822	2,030
Thursday Island ..	2,174	1,419	2,316	2,073	2,614	1,673	1,598	1,718	2,145	1,316	1,792	1,721
Nomanton ..	1,203	1,851	815	1,249	1,096	443	1,062	770	1,009	500	491	934
<b>Sub-coastal</b>												
Warwick ..	709	700	1,091	911	534	793	576	492	589	569	1,017	744
Toowoomba ..	1,021	1,255	1,200	1,165	868	1,235	920	955	1,479	896	1,357	963
Kingaroy ..	885	815	885	749	338	1,090	765	699	939	753	1,090	778
Gayndah ..	874	736	623	857	534	898	831	573	806	605	887	785
Emerald ..	852	977	1,075	679	674	889	445	564	754	344	965	639
Charters Towers ..	916	1,632	872	573	651	707	712	606	1,228	366	690	658
Atherton ..	1,736	2,391	1,378	1,322	1,569	956	2,171	828	1,760	1,000	940	1,539
Coen ..	1,842	1,038	1,377	1,369	1,380	694	1,346	935	1,851	1,232	816	1,177
<b>Western</b>												
Ormanville ..	534	510	494	638	322	507	189	308	345	151	571	369
Charleville ..	824	488	506	546	484	550	273	419	427	245	740	513
Blackall ..	693	641	431	509	555	559	292	459	679	259	746	530
Longreach ..	606	653	457	467	547	461	295	598	454	173	381	485
Boulia ..	660	774	311	406	507	391	257	214	260	81	211	269
Winton ..	676	1,086	453	694	496	467	386	227	543	200	189	414
Hughenden ..	822	638	775	500	387	442	317	493	935	296	434	490
Mount Isa ..	539	1,175	665	376	819	495	308	323	520	367	474	476
Georgetown ..	1,248	2,046	1,000	930	657	662	1,130	915	1,330	443	832	830

(a) Average of all years held in computer compatible record.