



**Australian  
Bureau of  
Statistics**

**1992-93**  
**Summary of Crops**  
**South Australia**

Catalogue No. 7330.4



EMBARGOED UNTIL 11.00 A.M. 10 MARCH 1993

**SUMMARY OF CROPS  
SOUTH AUSTRALIA  
1992-93**

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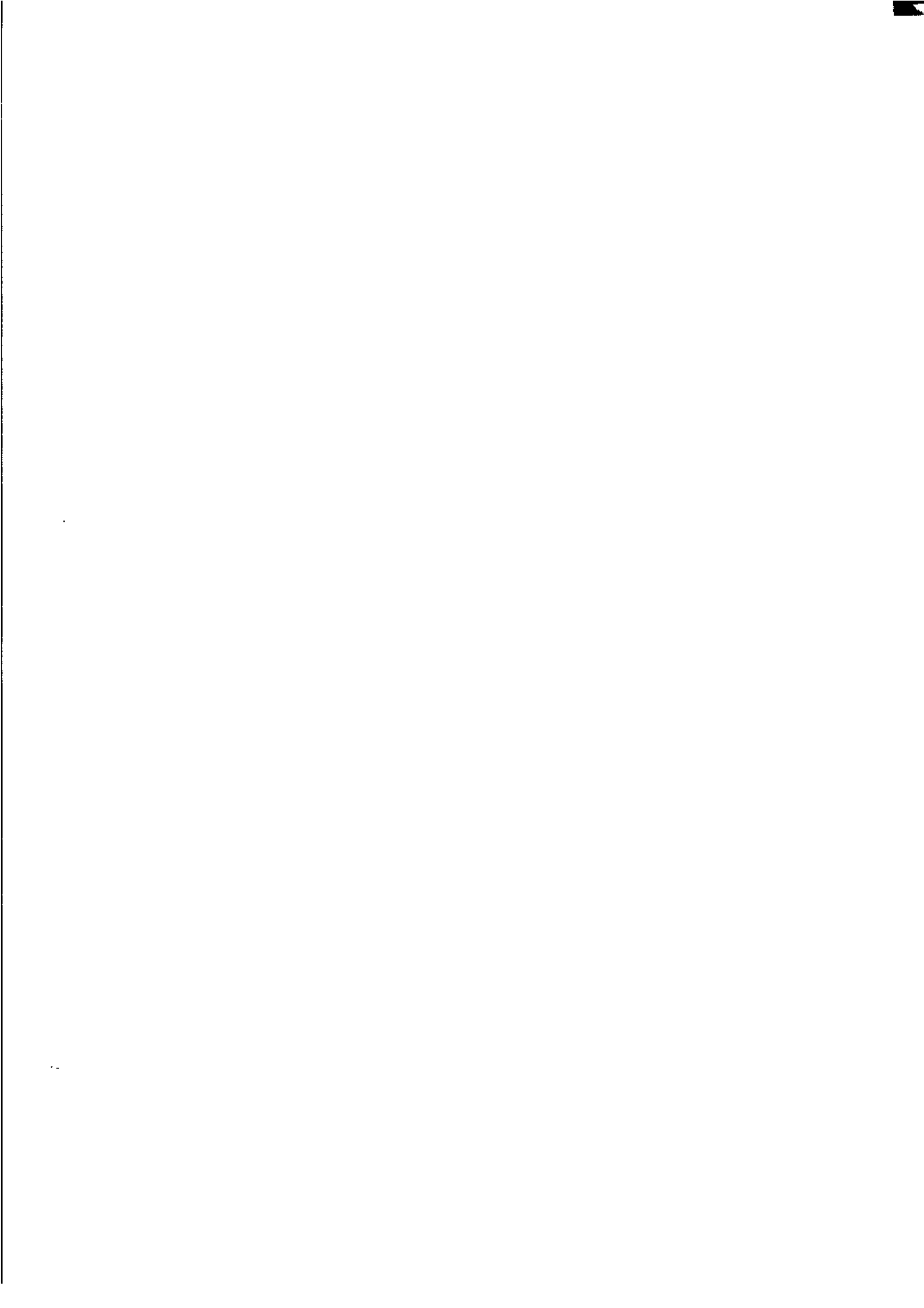
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**INQUIRIES** . for further information about statistics in this publication and the availability of related unpublished statistics, contact Vera Dorney on Adelaide (08) 237 7655.

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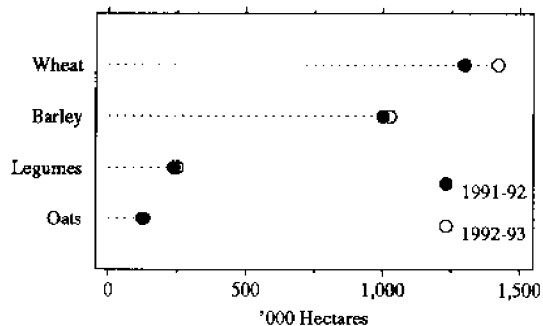


## MAIN FEATURES

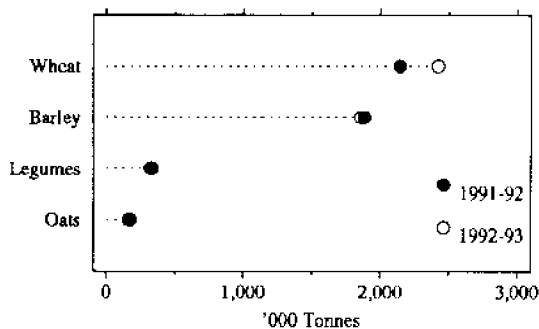
## Land use

- The total area used for crops increased by 5.2% to 3,072,580 hectares in 1992–93.
- The total area under sown pastures and grasses declined by 6.5% to 3,379,058 hectares.

AREA OF GRAIN CROPS



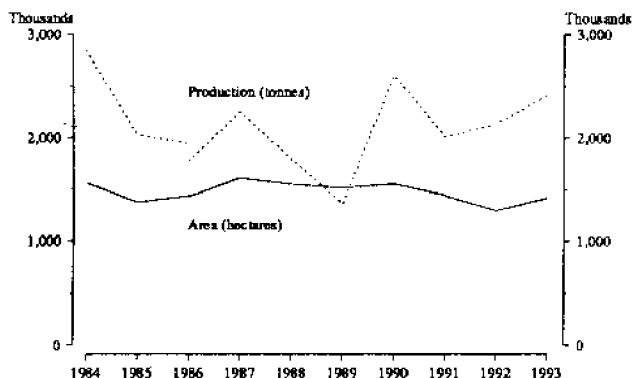
GRAIN CROP PRODUCTION



## Cereal crops for grain

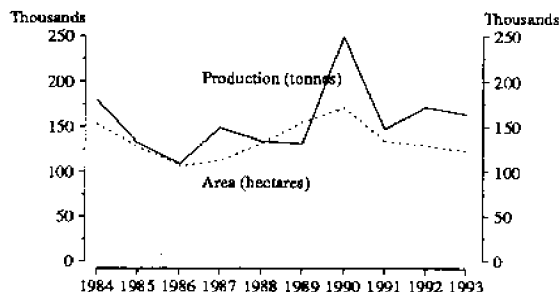
- The area sown to wheat for grain increased by 9.5% to 1.4 million hectares. Production increased by 13.1% to 2.4 million tonnes. In the Eyre Statistical Division, the area of wheat increased by 5.1% to 697,313 hectares. Production increased by 0.8% to 985,603 tonnes. In the Yorke and Lower North Statistical Division, the area of wheat for grain increased by 11.3% to 256,526 hectares and production increased by 4.6% to 581,619 tonnes. The Murray Lands Statistical Division wheat for grain area increased to 226,483 hectares, a rise of 17.8% with production increasing by 71.7% to 336,469 tonnes.

WHEAT FOR GRAIN, AREA AND PRODUCTION



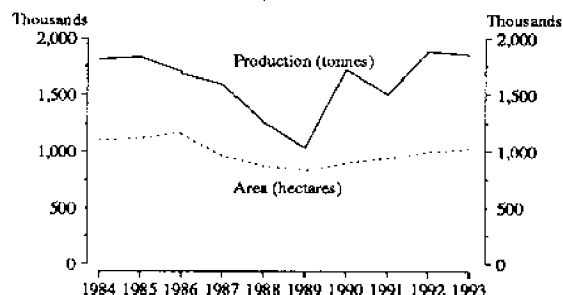
- The area sown to oats for grain again declined by 4.9% to 122,922 hectares. Production decreased by 4.6% to 164,530 tonnes.

OATS FOR GRAIN, AREA AND PRODUCTION



- The area of barley for grain increased by 2.4% to 1.0 million hectares. Production decreased by 1.4% to 1.9 million tonnes in 1992–93. The area increased in Murray Lands (4.2%) and Eyre (7.5%). Production decreased in all statistical divisions, with the exception of Murray Lands and South East Statistical Divisions which showed an increase of 43.1% and 10.5% respectively.

BARLEY FOR GRAIN, AREA AND PRODUCTION



- The area of triticale increased by 97.8% to 27,265 hectares. Production increased by 158.0% to 53,736 tonnes. Most statistical divisions showed substantial increases in both area and production with Murray Lands Statistical Division having the largest area of triticale – 12,943 hectares (47.5% of the State area).

## Legumes for grain

- The area of legumes for grain increased in 1992–93 to 248,832 hectares, a rise of 5.2%. Production increased 3.4% to 333,566 tonnes.
- Field beans increased in area by 25.9% to 35,074 hectares, whereas production decreased by 5.6% to 47,711 tonnes.
- Lupins production increased 75.1% to 97,365 tonnes.

## MAIN FEATURES *(continued)*

### Oilseeds

- Oilseed crops decreased from 15,323 hectares in 1991-92 to 14,289 hectares in 1992-93.

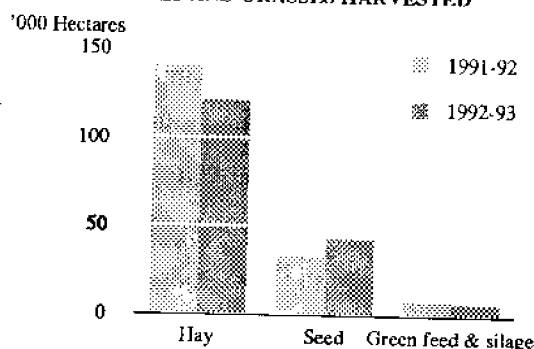
### Other crops

- The area for vetches for seed increased in 1992-93 from 24,619 hectares in 1991-92 to 32,157 in 1992-93. Production increased by 31.5% to 27,428 tonnes.

### Crops for hay and silage

- The area of crops for hay declined by 23.2% to 58,602 hectares. Production decreased by 14.9% to 225,761 tonnes.
- The area of crops for green feed and silage declined by 13.3% to 31,979 hectares.

### PASTURES AND GRASSES HARVESTED



### Pastures

- The area of pasture cut for hay decreased by 13.5% to 121,419 hectares. Production declined by 9.4% to 419,545 tonnes.
- The area of pasture seed increased by 29.8% to 42,767 hectares with production increasing 16.8% to 11,483 tonnes. Lucerne seed production was 5,221 tonnes, a rise of 12.4%.

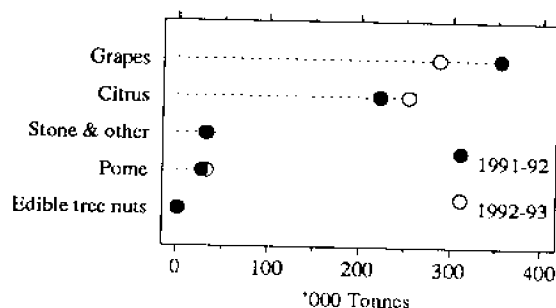
### Vegetables

- The total area planted to vegetables decreased by 0.6% to 10,635 hectares.
- Potato production decreased by 9.8% to 179,273 tonnes.
- Carrots increased production by 43.3% to 22,970 tonnes.
- Onions showed a decrease in both area and production. 905 hectares were grown in 1992-93, for 35,120 tonnes production.
- Cauliflower production declined by 12.6% to 7,290 tonnes.
- Tomato production declined by 11.1% to 6,672 tonnes.

### Fruit

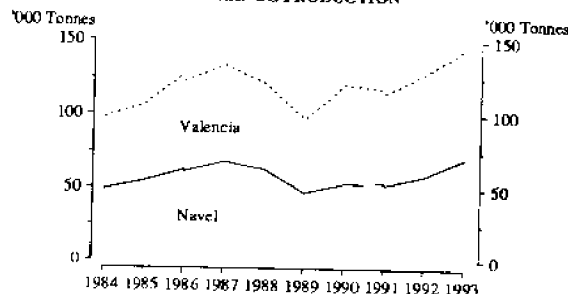
- The total area of fruit and nut trees and small and berry fruit increased by 6.0% to 17,633 hectares.

### MAJOR FRUIT PRODUCTION



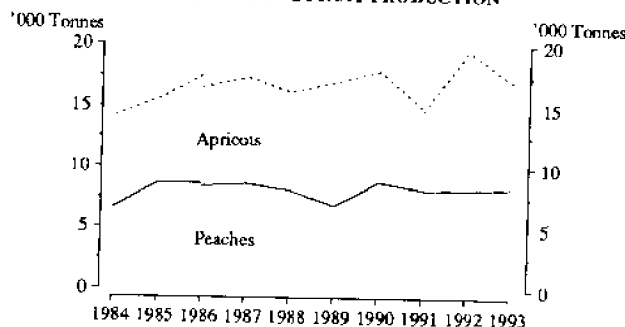
- Orange tree numbers increased slightly to 2.24 million, an increase of 43.5%. Production increased by 15.5% to 216,964 tonnes.

### ORANGE PRODUCTION



- Lemon and lime production increased by 12.9% to 16,055 tonnes.
- Apple production increased by 23.4% to 26,634 tonnes.
- Apricot production decreased by 12.5% to 17,171 tonnes.
- Production of peaches rose marginally to 8,339 tonnes, a 1.4% increase. However, tree numbers increased to 206,646, a 19.2% increase.

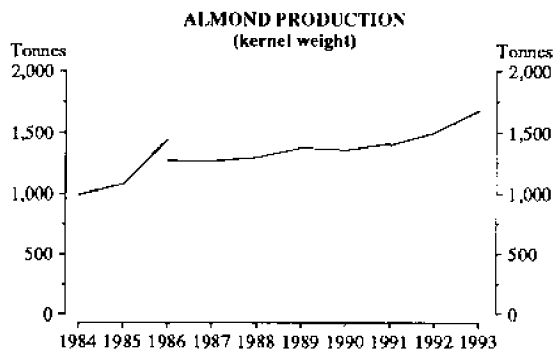
### MAJOR STONE FRUIT PRODUCTION



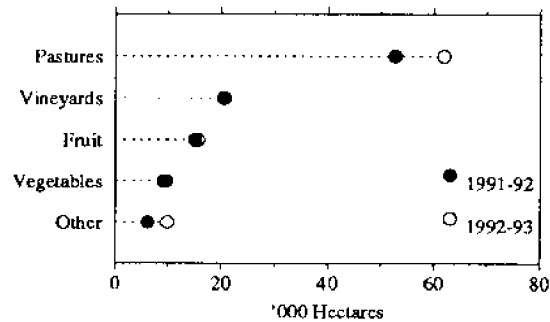


## MAIN FEATURES (continued)

- Almond production increased by 11.8% to 1,682 tonnes (kernel weight).



## AREA UNDER IRRIGATION



- Pistachio tree numbers decreased marginally to 97,640 with production showing a large increase of 619.7% to 157 tonnes. This was due to the number of trees reaching bearing age.
- The area planted to strawberries increased by 14.1% to 89 hectares. Production fell by 4.9% to 1,023 tonnes.

## Irrigation

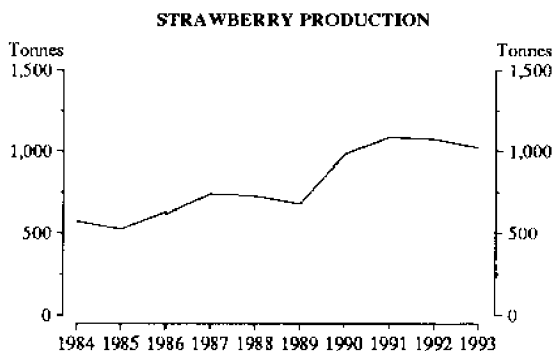
- The total area irrigated increased by 12.6% to 117,117 hectares. Pastures irrigated rose by 17.4% to 61,881 hectares.

## Fertiliser

The area fertilised rose in 1992-93 but the quantity used was 322,818 tonnes, a fall of 0.1%.

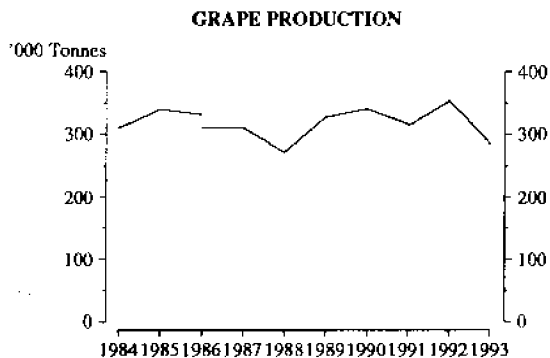
## Land degradation

A total of 129,888 hectares was reported as being land affected by wind or water erosion, 89,525 hectares affected by soil salinity and 1,177,515 hectares was affected for other reasons (e.g. acidity; compaction; scalding; crusting; weed incursion and feral animal invasion).



## Grapes

- The area planted to vines increased by 1.4% to 26,134 hectares. Production decreased by 19.2% to 286,138 tonnes.



## SECTION I CROPS

TABLE 1 - CROPS AND PASTURES HARVESTED

Particulars	1990-91		1991-92		1992-93	
	hectares	tonnes	hectares	tonnes	hectares	tonnes
<b>Cereals for grain:</b>						
Barley	944,995	1,505,711	999,156	1,881,548	1,023,310	1,855,320
Oats	134,591	147,614	129,280	172,497	122,922	164,530
Rye	26,521	11,129	28,569	12,940	28,697	9,466
Triticale	11,158	13,903	13,785	20,829	27,265	53,736
Wheat	1,447,754	2,020,809	1,296,770	2,141,046	1,419,451	2,421,214
Other	127	127	313	71	200	196
<i>Total cereals for grain</i>	<i>2,565,147</i>	<i>3,699,293</i>	<i>2,467,872</i>	<i>4,228,929</i>	<i>2,621,845</i>	<i>4,504,462</i>
<b>Legumes for grain:</b>						
Lupins	38,405	30,521	47,823	55,592	57,638	97,365
Field peas	101,630	137,790	144,277	196,276	143,690	151,946
Field beans	19,934	30,225	27,858	50,538	35,074	47,711
Chick peas	8,221	9,959	16,448	19,759	11,908	9,017
Lentils	90	113	200	323	522	101
<i>Total legumes (a)</i>	<i>168,281</i>	<i>208,608</i>	<i>236,606</i>	<i>322,488</i>	<i>248,832</i>	<i>333,566</i>
Oilseeds	7,191	9,006	15,323	19,023	14,289	16,395
Vetches for seed	8,029	5,255	24,619	20,864	32,157	27,428
<b>Crops for hay:</b>						
Oats	56,554	159,455	59,320	210,902	47,714	188,490
Other (a)	20,905	58,434	21,523	71,001	14,708	50,251
<b>Crops for green feed or silage:</b>						
Oats	37,484	..	26,476	..	21,293	..
Other crops (b)	13,706	..	10,394	..	10,686	..
Grapes	25,423	316,869	25,783	354,011	26,134	286,138
Fruit (c)	17,072	..	16,634	..	17,633	..
<b>Vegetables:</b>						
Broccoli	414	2,598	480	2,970	325	2,048
Brussel sprouts	100	1,248	153	3,124	140	2,241
Cabbages (d)	230	6,259	200	6,212	207	6,113
Carrots	419	13,053	520	16,033	582	22,970
Cauliflowers	329	14,964	274	8,339	257	7,290
Celery	56	4,448	51	4,235	43	2,496
Cucumbers	47	1,915	44	1,655	40	1,507
Lettuces	345	9,314	313	9,369	329	9,217
Melons, rock	301	6,152	298	7,563	218	4,876
Onions, white and brown	1,171	55,781	1,204	58,188	905	35,120
Potatoes (e):						
Early crop	2,996	98,563	3,553	121,866	2,971	95,115
Main crop	2,379	76,767	2,401	76,778	3,305	84,158
Pumpkins	402	8,097	436	8,919	512	10,374
Sweetcorn	67	804	56	730	71	835
Tomatoes:						
Field	145	6,234	156	5,436	166	5,147
Glasshouse	42	2,688	39	2,070	34	1,525
Other vegetables	474	..	522	..	531	..
<i>Total vegetables</i>	<i>9,916</i>	<i>..</i>	<i>10,699</i>	<i>..</i>	<i>10,635</i>	<i>..</i>
Other crops n.e.i.	3,660	..	4,511	..	6,654	..
<i>Total crops (incl. cereals)</i>	<i>2,933,367</i>	<i>..</i>	<i>2,919,760</i>	<i>..</i>	<i>3,072,580</i>	<i>..</i>
<b>Pastures and grasses harvested:</b>						
Cut for hay	129,520	436,873	140,377	463,180	121,419	419,545
Harvested for seed	33,834	10,017	32,951	9,831	42,767	11,483
Cut for green feed or silage (f)	6,425	..	7,571	..	6,994	..
<b>Total crops and pastures</b>	<b>3,103,146</b>	<b>..</b>	<b>3,100,658</b>	<b>..</b>	<b>3,243,760</b>	<b>..</b>

(a) Excludes vetch. (b) Includes barley, wheat and other non-cereal crops. (c) Includes berry and small fruit and nuts. (d) Includes Chinese cabbage. (e) Includes areas of potatoes grown for seed. (f) Tonnage for green feed or silage is not collected.

TABLE 2 - ESTABLISHMENTS CLASSIFIED ACCORDING TO AREA OF WHEAT FOR GRAIN  
BY STATISTICAL DIVISION, 1992-93

<i>Area of wheat (hectares)</i>	<i>Statistical Division</i>							
	<i>Adelaide</i>	<i>Outer Adelaide</i>	<i>Yorke and Lower North</i>	<i>Murray Lands</i>	<i>South East</i>	<i>Eyre</i>	<i>Northern</i>	<i>South Australia</i>
0-19	6	70	53	39	51	10	20	249
20-29	2	54	75	48	42	9	21	251
30-39	1	48	75	46	27	8	17	222
40-49	2	51	104	65	37	15	45	319
50-74	2	69	190	128	61	36	89	575
75-99	1	42	197	99	36	35	80	490
100-149	1	54	309	186	40	112	170	872
150-199	1	28	183	103	24	114	127	580
200-249	-	22	169	94	10	123	99	517
250-299	-	8	89	52	3	109	58	319
300-399	1	5	102	77	9	166	83	443
400-499	-	5	51	62	1	189	47	355
500-999	-	-	44	80	2	387	41	554
1,000-1,499	-	-	2	16	-	97	1	116
1,500 and over	-	-	2	4	-	45	3	54
<i>Establishments with wheat for grain</i>	<i>17</i>	<i>456</i>	<i>1,645</i>	<i>1,099</i>	<i>343</i>	<i>1,455</i>	<i>901</i>	<i>5,916</i>
<i>Establishments with no wheat for grain</i>	<i>733</i>	<i>1,948</i>	<i>477</i>	<i>2,415</i>	<i>1,976</i>	<i>178</i>	<i>434</i>	<i>8,161</i>
<b>Total establishments</b>	<b>750</b>	<b>2,404</b>	<b>2,122</b>	<b>3,514</b>	<b>2,319</b>	<b>1,633</b>	<b>1,335</b>	<b>14,077</b>

**TABLE 3 - MAJOR GRAIN AND FODDER STOCKS HELD ON ESTABLISHMENTS BY STATISTICAL DIVISION AT 31 MARCH 1993  
(Tonnes)**

Particulars	Statistical Division							
	Adelaide	Outer Adelaide	Yorke and Lower North	Murray Lands	South East	Eyre	Northern	South Australia
Barley	676	20,616	60,333	60,912	13,887	32,062	23,091	211,577
Oats	181	12,795	23,901	18,918	14,644	31,540	16,823	118,801
Wheat	307	11,114	33,872	28,202	6,720	56,239	19,908	156,362
Hay	4,232	131,024	158,221	149,077	182,747	90,850	59,331	775,481
Silage	265	12,762	1,090	9,552	23,332	57	257	47,315

**TABLE 4 - NUMBER OF ESTABLISHMENTS, AREA AND PRODUCTION OF CEREALS BY STATISTICAL DIVISION, 1992-93**

Particulars	Statistical Division							
	Adelaide	Outer Adelaide	Yorke and Lower North	Murray Lands	South East	Eyre	Northern	South Australia
NUMBER OF ESTABLISHMENTS								
Cereals for grain:								
Barley	27	558	1,799	1,306	482	1,227	779	6,178
Oats	5	363	571	520	380	625	266	2,730
Rye	-	2	9	309	14	66	1	401
Triticale	1	82	159	158	19	45	8	472
Wheat	17	456	1,645	1,099	343	1,455	901	5,916
Hay:								
Oats	24	480	396	460	196	220	206	1,982
Other cereal crops	11	102	121	160	56	15	36	501
Green feed or silage:								
Oats	8	79	51	96	49	82	60	425
Other cereal crops	1	37	16	54	28	4	18	158
HECTARES								
Cereals for grain:								
Barley	1,431	44,278	334,237	243,724	27,990	273,931	97,720	1,023,310
Oats	63	9,717	16,666	20,400	14,053	54,257	7,765	122,922
Rye	-	100	459	24,927	449	2,654	109	28,697
Triticale	16	2,381	8,085	12,943	828	2,714	297	27,265
Wheat	1,090	35,394	256,526	226,483	26,738	697,313	175,910	1,419,451
Hay:								
Oats	493	9,079	11,043	13,134	3,936	5,632	4,398	47,714
Other cereal crops	275	1,697	1,534	5,524	1,024	309	525	10,888
Green feed or silage:								
Oats	291	1,710	2,360	4,709	1,460	7,480	3,282	21,293
Other cereal crops	10	756	547	4,466	608	530	1,259	8,176
TONNES								
Cereals for grain:								
Barley	2,943	87,127	713,998	363,399	52,958	436,793	198,104	1,855,320
Oats	109	13,222	29,525	25,191	27,343	57,110	12,031	164,530
Rye	-	25	557	8,159	256	395	72	9,466
Triticale	90	7,156	21,151	18,947	1,686	3,767	938	53,736
Wheat	2,889	85,282	581,619	336,469	74,631	985,603	354,721	2,421,214
Hay:								
Oats	1,766	35,557	50,887	52,906	14,767	14,754	17,855	188,490
Other cereal crops	1,167	6,529	5,137	18,101	3,930	729	1,679	37,271

TABLE 5 - NUMBER OF ESTABLISHMENTS, AREA AND PRODUCTION OF VEGETABLES BY STATISTICAL DIVISION, 1992-93

Particulars	Statistical Division					South Australia
	Adelaide	Outer Adelaide	Murray Lands	South East	Rest of State	
NUMBER OF ESTABLISHMENTS						
Broccoli	20	12	9	1	-	42
Brussel sprouts	5	6	-	-	-	11
Cabbages (a)	41	14	4	1	1	61
Carrots	23	8	14	6	-	51
Cauliflowers	36	15	7	-	1	59
Celery	7	1	-	-	-	8
Cucumbers	44	1	26	-	2	73
Lettuces	36	11	5	2	-	54
Melons, rock	2	-	19	-	-	21
Onions, white and brown	19	13	49	20	1	102
Potatoes (b):						
Early crop	38	55	37	52	1	183
Main crop	18	63	37	28	2	148
Pumpkins	9	5	128	5	-	147
Sweetcorn	3	6	8	2	1	20
Tomatoes:						
Field	33	6	44	-	5	88
Glasshouse	53	7	25	-	2	87
Establishments growing vegetables (c)	230	143	267	89	12	741
HECTARES						
Broccoli	82	84	151	7	-	325
Brussel sprouts	5	135	-	-	-	140
Cabbages (a)	146	44	4	12	1	207
Carrots	144	96	272	70	-	582
Cauliflowers	136	102	17	-	3	257
Celery	43	-	-	-	-	43
Cucumbers	31	-	9	-	-	40
Lettuces	241	61	19	8	-	329
Melons, rock	1	-	216	-	1	218
Onions, white and brown	75	59	558	212	1	905
Potatoes (b):						
Early crop	514	628	671	1,146	12	2,971
Main crop	133	835	1,108	1,225	4	3,305
Pumpkins	10	6	484	12	-	512
Sweetcorn	3	6	61	1	-	71
Tomatoes:						
Field	30	37	98	-	1	166
Glasshouse	24	2	7	-	1	34
Other vegetables	173	126	201	25	4	531
Total hectares	1,787	2,222	3,876	2,718	32	10,635
TONNES						
Broccoli	757	472	775	43	1	2,048
Brussel sprouts	67	2,174	-	-	-	2,241
Cabbages (a)	4,062	1,501	60	432	57	6,113
Carrots	5,380	2,412	10,334	4,843	1	22,970
Cauliflowers	3,933	2,940	326	-	90	7,290
Celery	2,478	18	-	-	-	2,496
Cucumbers	1,110	3	383	-	11	1,507
Lettuces	6,861	1,518	542	297	1	9,217
Melons, rock	3	-	4,874	-	-	4,876
Onions, white and brown	2,835	2,242	22,402	7,640	-	35,120
Potatoes (b):						
Early crop	16,273	15,400	21,338	41,884	220	95,115
Main crop	2,533	19,058	28,070	34,417	80	84,158
Pumpkins	138	57	10,156	24	1	10,374
Sweetcorn	11	66	743	15	-	835
Tomatoes:						
Field	829	1,538	2,765	-	15	5,147
Glasshouse	936	121	452	-	16	1,525

(a) Includes Chinese cabbages. (b) Includes areas of potatoes grown for seed. (c) Number of establishments growing one or more vegetable.

TABLE 6 - NUMBER OF ESTABLISHMENTS, AREA AND PRODUCTION OF OTHER CROPS BY STATISTICAL DIVISION, 1992-93

Particulars	Statistical Division							South Australia
	Adelaide	Outer Adelaide	Yorke and Lower North	Murray Lands	South East	Eyre	Northern	
NUMBER OF ESTABLISHMENTS								
Legumes for grain:								
Lupins	2	106	118	238	352	163	62	1,041
Field peas	9	290	879	117	122	128	329	1,874
Field beans	10	139	159	62	218	17	96	701
Chick peas	2	30	110	4	9	7	87	249
Oilseeds:								
Linseed	-	-	5	1	19	2	1	28
Rapeseed	-	11	27	6	99	-	1	144
Safflower	-	1	16	8	68	1	3	97
Sunflower	-	3	-	2	24	3	2	34
HECTARES								
Legumes for grain:								
Lupins	15	3,411	4,777	17,107	17,211	11,389	3,728	57,638
Field peas	368	16,650	75,811	7,428	5,245	14,835	23,354	143,690
Field beans	414	5,667	7,824	3,162	10,778	1,109	6,121	35,074
Chick peas	38	1,018	5,682	105	195	185	4,684	11,908
Oilseeds:								
Linseed	-	-	114	43	336	130	-	623
Rapeseed	-	662	1,022	137	4,353	-	8	6,183
Safflower	-	65	582	157	5,087	80	48	6,019
Sunflower	-	90	-	84	1,153	90	47	1,464
TONNES								
Legumes for grain:								
Lupins	24	6,251	8,630	30,190	30,942	14,904	6,424	97,365
Field peas	602	16,421	81,732	8,549	9,018	14,856	20,769	151,946
Field beans	808	9,672	9,660	3,887	14,473	939	8,273	47,711
Chick peas	47	1,163	4,248	41	260	97	3,161	9,017
Oilseeds:								
Linseed	-	-	118	48	338	130	-	634
Rapeseed	-	916	1,065	167	7,363	-	12	9,522
Safflower	-	70	555	84	3,988	55	24	4,776
Sunflower	-	47	-	28	1,305	69	14	1,463

**TABLE 7 - NUMBER OF ESTABLISHMENTS, AREA AND PRODUCTION OF PASTURES AND GRASSES  
BY STATISTICAL DIVISION, 1992-93**

Particulars	Statistical Division							South Australia
	Adelaide	Outer Adelaide	Yorke and Lower North	Murray Lands	South East	Eyre	Northern	
NUMBER OF ESTABLISHMENTS								
Cut for hay:								
Pure lucerne	9	116	89	168	305	10	62	759
Other pastures	54	879	377	376	1,077	177	134	3,074
Lucerne and other pastures:								
Cut for green feed or silage	6	82	17	18	91	8	3	225
Pastures and grasses harvested for seed:								
Lucerne	-	6	70	59	168	3	54	360
Other	-	25	73	32	203	25	35	393
HECTARES								
Cut for hay:								
Pure lucerne	78	2,268	2,572	3,935	9,753	169	1,815	20,589
Other pastures	1,330	26,829	12,600	15,096	36,569	4,932	3,475	100,830
Lucerne and other pastures:								
Cut for green feed or silage	305	1,797	549	816	3,126	235	166	6,994
Pastures and grasses harvested for seed:								
Lucerne	-	120	3,501	4,643	13,512	121	2,825	24,721
Other	-	1,172	2,323	2,683	9,701	819	1,348	18,046
TONNES								
Cut for hay:								
Pure lucerne	670	12,471	8,921	18,715	30,948	757	5,549	78,030
Other pastures	3,449	92,856	38,051	45,351	137,901	13,568	10,340	341,515
Pastures and grasses harvested for seed:								
Lucerne	-	6	405	531	3,907	6	366	5,221
Other	-	434	887	622	3,596	295	430	6,263

SECTION II FRUIT  
TABLE 8 - FRUIT AND GRAPE PRODUCTION  
(Tonnes)

Type of fruit	1991-91	1991-92	1992-93
<b>Citrus:</b>			
Oranges;			
Navel	53,793.7	58,932.2	70,980.9
Valencia	117,192.9	128,645.8	145,531.9
Other	188.9	190.5	451.6
Lemons and limes	12,389.1	14,222.0	16,054.7
Grapefruit	9,159.1	9,281.2	8,011.2
Mandarins	7,967.0	9,459.4	10,878.8
Tangelos	453.5	766.8	1,612.7
<b>Pome:</b>			
Apples	20,165.5	21,576.1	26,633.5
Pears	5,332.8	5,597.4	5,695.3
Other	35.1	47.5	575.3
<b>Stone and other:</b>			
Apricots	14,882.1	19,625.2	17,170.9
Avocados	365.3	390.8	636.3
Cherries	325.0	515.0	235.8
Nectarines	811.6	930.7	927.1
Olives	526.7	581.3	444.8
Peaches	8,207.0	8,222.5	8,338.8
Plums and prunes	1,498.3	2,721.0	3,568.3
Strawberries	1,091.2	1,074.7	1,022.5
<b>Edible tree nuts:</b>			
Almonds	1,412.9	1,503.9	1,682.0
Walnuts	10.1	6.8	6.0
Pistachios	8.4	21.8	156.9
Other	2.8	2.2	4.2
<b>Grapes:</b>			
Red	107,845	129,470	104,932
White	209,024	224,542	181,206

TABLE 9 - AREA UNDER FRUIT AND GRAPEVINES BY STATISTICAL DIVISION, YEAR ENDED 31 MARCH  
(Hectares)

	Statistical Division							South Australia
	Adelaide	Outer Adelaide	Yorke and Lower North	Murray Lands	South East	Eyre	Northern	
FRUIT (EXCL. GRAPEVINES)								
1991	1,671	2,220	8	12,953	107	54	59	17,072
1992	1,494	2,056	9	12,892	115	23	45	16,634
1993	1,688	2,119	24	13,560	136	49	57	17,633
GRAPEVINES								
1991	2,560	6,422	1,948	10,360	4,117	1	16	25,423
1992	2,692	6,540	1,888	10,363	4,283	8	11	25,783
1993	2,736	6,462	1,883	10,638	4,404	-	11	26,134
TOTAL FRUIT AND GRAPEVINES								
1991	4,231	8,642	1,956	23,313	4,223	54	75	42,494
1992	4,186	8,596	1,897	23,255	4,398	31	55	42,417
1993	4,424	8,581	1,907	24,198	4,540	49	68	43,767



TABLE 10 - AREA OF GRAPEVINES, PRODUCTION AND YIELD BY SELECTED STATISTICAL DIVISION (a)

Particulars	1990-91			1991-92			1992-93		
	Total area	Total production	Yield	Total area	Total production	Yield	Total area	Total production	Yield
	hectares	tonnes (fresh weight)	tonnes per hectare	hectares	tonnes (fresh weight)	tonnes per hectare	hectares	tonnes (fresh weight)	tonnes per hectare
ADELAIDE STATISTICAL DIVISION									
Total red grapes	1,559	14,028	10.30	1,651	14,697	9.81	1,698	13,051	8.33
Total white grapes	1,001	11,443	12.85	1,040	11,274	12.70	1,038	11,411	11.81
Total grapes	2,560	25,471	11.30	2,692	25,970	10.45	2,736	24,462	9.65
OUTER ADELAIDE STATISTICAL DIVISION									
Total red grapes	3,069	22,829	8.69	3,285	28,295	9.83	3,345	19,426	6.53
Total white grapes	3,355	30,274	9.61	3,256	33,160	10.80	3,117	24,607	8.40
Total grapes	6,422	53,109	9.19	6,541	61,456	10.33	6,462	44,033	7.46
YORKE AND LOWER NORTH STATISTICAL DIVISION									
Total red grapes	826	5,084	6.99	845	7,116	9.39	870	3,534	4.40
Total white grapes	1,122	9,381	9.21	1,043	9,842	9.84	1,013	6,472	6.98
Total grapes	1,948	14,465	8.29	1,888	16,957	9.6	1,883	10,276	5.85
MURRAY LANDS STATISTICAL DIVISION									
Total red grapes	3,346	47,264	16.09	3,455	49,057	16.00	3,660	49,569	14.91
Total white grapes	7,013	137,055	28.05	6,907	150,578	22.92	6,978	121,533	18.60
Total grapes	10,360	184,319	19.23	10,363	180,931	18.77	10,638	171,101	17.36
SOUTH EAST STATISTICAL DIVISION									
Total red grapes	2,363	18,610	10.68	2,592	22,927	11.33	2,686	19,340	8.24
Total white grapes	1,754	20,769	13.27	1,691	19,527	12.38	1,719	16,681	10.59
Total grapes	4,117	39,380	11.91	4,283	42,454	11.79	4,404	36,021	9.18
SOUTH AUSTRALIA (b)									
Total red grapes	11,172	107,845	11.46	11,835	129,470	12.66	12,263	104,932	9.53
Total white grapes	14,253	209,024	18.16	13,949	224,542	16.99	13,871	181,206	13.96
Total grapes	25,423	316,869	13.97	25,784	354,012	13.98	26,134	286,138	11.93

(a) Yield is production per area of bearing vines. (b) Includes Eyre and Northern Statistical Divisions.

**ORCHARD FRUIT (including edible tree nuts)**  
**TABLE 11 - NUMBER OF ESTABLISHMENTS, NUMBER OF TREES AND PRODUCTION BY SELECTED STATISTICAL DIVISION (a)**

Type of fruit	1990-91						1991-92						1992-93						
	Establishments (b)		Trees		Production		Establishments (b)		Trees		Production		Establishments (b)		Trees		Production		
	No.	No.	No.	No.	tonnes	No.	No.	No.	No.	tonnes	No.	No.	No.	No.	tonnes	No.	No.	tonnes	
<b>ADELAIDE STATISTICAL DIVISION</b>																			
<b>Citrus:</b>																			
Oranges:																			
Navel	-	-	-	-	-	2	-	-	110	-	-	-	1	-	-	90	-	-	-
Valencia	-	-	-	-	-	2	10	11	-	0.9	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lemons and limes	10	2,473	4,033	-	155.8	12	3,233	5,071	-	178.9	-	12	3,478	6,008	-	179.0	-	-	-
Grapefruit	1	2	2	-	-	1	-	5	-	-	-	-	-	-	-	-	-	-	-
Mandarins	-	-	-	-	-	1	-	10	-	-	-	-	-	-	-	-	-	-	-
Tangelos	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	60	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Pome:</b>																			
Apples	46	70,124	96,025	-	3,952.2	35	57,110	78,994	-	3,618.7	-	48	73,194	98,647	-	4,568.2	-	-	-
Pears (incl. Nashi)	37	10,129	14,663	-	686.6	30	7,893	12,341	-	656.3	-	41	9,698	14,276	-	766.3	-	-	-
Other	-	10	10	-	1.6	-	10	20	-	1.2	-	-	20	32	-	1.5	-	-	-
<b>Stone and other:</b>																			
Apricots	18	4,402	6,383	-	36.7	17	3,449	6,410	-	79.7	-	16	2,163	3,948	-	24.1	-	-	-
Avocados	3	360	620	-	1.5	3	255	395	-	0.2	-	4	400	690	-	1.0	-	-	-
Cherries	44	23,700	44,045	-	250.3	43	26,542	44,632	-	380.9	-	46	29,016	47,036	-	149.2	-	-	-
Nectarines	18	1,482	5,732	-	36.6	17	1,495	4,600	-	24.9	-	18	1,705	4,684	-	18.1	-	-	-
Olives	6	8,470	9,220	-	6.9	6	3,720	4,165	-	10.2	-	8	5,915	6,550	-	25.6	-	-	-
Peaches	19	3,042	6,036	-	36.2	19	3,278	7,215	-	51.8	-	22	3,771	7,432	-	15.4	-	-	-
Plums and prunes	40	4,833	6,422	-	50.6	33	4,848	6,566	-	58.2	-	33	4,178	6,817	-	30.7	-	-	-
Other (c)	-	185	335	-	0.2	-	275	359	-	8.1	-	3	186	268	-	3.6	-	-	-
<b>Edible tree nuts:</b>																			
Almonds (d)	89	189,136	225,821	-	584.5	67	163,050	191,502	-	575.0	-	79	179,156	212,417	-	212.4	-	-	-
Pistachios	3	553	873	-	2.6	5	1,653	2,873	-	1.2	-	1	100	1,000	-	-	-	-	-
Walnuts	8	993	1,068	-	2.1	4	69	143	-	0.6	-	4	22	987	-	0.1	-	-	-
Other	-	177	212	-	0.9	-	101	226	-	0.5	-	1	160	278	-	-	-	-	-

TABLE 11 - NUMBER OF ESTABLISHMENTS, NUMBER OF TREES AND PRODUCTION BY SELECTED STATISTICAL DIVISION (a) - continued

Type of fruit	1990-91						1991-92						1992-93					
	Trees			Trees			Trees			Trees			Trees			Trees		
	Establish- ments (b)	6 years and over	Total	Production tonnes	Establish- ments (b)	6 years and over	Total	Production tonnes	Establish- ments (b)	6 years and over	Total	Production tonnes	Establish- ments (b)	6 years and over	Total	Production tonnes		
OUTER ADELAIDE STATISTICAL DIVISION																		
Citrus:																		
Oranges:																		
Navel	2	33	38	-	1	33	33	-	1	33	33	-	1	33	33	3.4		
Valencia	3	319	323	2.5	1	169	169	-	1	169	169	-	1	169	169	18.3		
Other	5	450	838	9.7	4	530	870	26.4	4	450	790	28.1	4	450	790	28.1		
Lemons and limes																		
Grapefruit	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mandarins	2	-	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tangelos	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pome:																		
Apples	105	311,423	495,135	15,065.5	87	290,540	478,176	16,274.9	94	315,856	518,445	18,028.5						
Pears (incl. Nashi)	85	40,195	87,399	3,082.9	74	43,272	90,024	3,253.4	98	47,649	88,487	4,017.4						
Other	-	-	-	-	-	-	-	-	-	600	603	56.3						
Stone and other:																		
Apricots	70	22,844	30,455	605.8	62	19,996	27,746	903.7	10	21,605	28,263	550.0						
Avocados	3	28	194	0.2	3	28	228	0.2	3	160	250	0.4						
Cherries	28	3,949	31,768	74.1	27	5,127	42,749	131.6	19	12,492	48,263	84.6						
Nectarines	25	2,407	4,732	27.5	23	2,486	5,144	36.8	8	2,609	3,451	7.2						
Olives	1	1,000	1,000	15.0	4	250	330	11.0	2	3,000	3,000	11.0						
Peaches	54	10,114	13,868	254.2	50	9,952	13,616	311.4	45	8,835	10,234	133.3						
Plums and prunes	56	8,547	12,626	126.0	51	8,080	10,678	184.2	49	8,494	10,398	146.6						
Other (c)	-	835	3,155	6.9	-	445	2,945	10.1	4	255	485	1.2						
Edible tree nuts:																		
Almonds (d)	24	55,367	61,067	148.2	23	74,901	81,691	139.8	25	61,154	69,504	69.5						
Walnuts	7	3,141	3,237	4.9	7	531	1,614	2.6	4	469	652	2.1						
Pistachios	4	-	1,215	-	2	-	775	-	1	-	575	-						
Other	-	330	587	1.5	-	330	587	1.5	6	346	966	1.6						

TABLE 11 - NUMBER OF ESTABLISHMENTS, NUMBER OF TREES AND PRODUCTION BY SELECTED STATISTICAL DIVISION (a) - continued

Type of fruit	1990-91						1991-92						1992-93						
	Trees			Trees			Trees			Trees			Trees			Trees			
	Establish-ments (b)	6 years and over	Total	Establish-ments (b)	6 years and over	Total	Production tonnes	Establish-ments (b)	6 years and over	Total	Production tonnes	Establish-ments (b)	6 years and over	Total	Production tonnes	Establish-ments (b)	6 years and over	Total	Production tonnes
MURRAY LANDS STATISTICAL DIVISION																			
Citrus:																			
Oranges:																			
Navel	884	576,974	831,545	53,793.7	854	572,902	828,113	58,932.2	873	589,138	889,622	70,974.5							
Valencia	930	1,181,915	1,359,230	117,190.4	890	1,190,529	1,332,883	128,644.9	922	1,233,142	1,344,893	145,514.2							
Other	26	2,345	2,885	188.8	25	2,083	3,043	190.5	47	4,078	5,178	451.6							
Lemons and limes	419	85,676	98,463	12,223.5	416	86,130	99,237	14,016.7	400	86,258	99,887	15,847.5							
Grapefruit	468	65,768	71,407	9,159.1	423	60,069	64,953	9,381.2	388	56,294	60,711	8,011.2							
Mandarins	446	96,714	171,690	7,967.0	447	108,448	179,982	9,459.4	453	113,889	186,082	10,878.8							
Tangelos	54	10,700	1,974.7	453.5	69	11,595	20,769	766.8	101	16,692	26,001	1,612.7							
Other	3	10	78	2.2	..	..	..	..	..	..	..	..							
Pome:																			
Apples	61	10,332	31,335	684.7	58	12,251	31,880	784.5	52	16,236	33,352	1,661.9							
Pears (incl. Nashi)	106	17,660	23,331	1,563.3	146	21,696	28,997	1,687.6	147	20,376	27,367	1,329.4							
Other	..	792	1,133	31.5	..	743	973	46.3	..	791	1,257	66.5							
Stone and other:																			
Apricots	928	286,475	448,830	14,223.6	873	292,549	446,538	18,625.6	924	318,866	475,961	16,582.0							
Avocados	41	14,538	19,569	363.5	42	16,083	21,009	390.4	39	15,517	20,689	635.1							
Cherries	9	2	1,257	0.7	12	74	1,316	2.4	13	41	1,792	1.0							
Nectarines	246	14,019	35,771	746.0	238	16,453	35,550	869.0	219	16,715	41,185	898.2							
Olives	46	14,918	16,025	497.8	49	17,503	20,324	556.3	44	14,492	19,443	250.0							
Peaches	516	91,690	157,040	7,886.7	487	93,452	148,240	7,844.0	525	109,155	180,712	8,126.8							
Plums and prunes	308	56,548	89,529	1,318.2	301	59,113	94,925	2,478.6	320	64,352	108,263	3,380.0							
Other (c)	..	4,415	12,211	208.7	..	5,273	11,891	236.6	..	5,581	11,368	178.8							
Edible tree nuts:																			
Almonds (d)	56	160,330	261,439	677.4	58	165,634	277,431	787.1	49	172,361	301,728	957.9							
Walnuts	9	516	561	3.1	16	572	3,078	3.7	13	656	3,306	3.7							
Pistachios	29	4,808	83,805	5.8	29	6,933	94,080	20.7	35	58,313	95,865	156.9							
Other	..	253	267	0.3	..	23	337	0.1	..	9	120	0.1							

TABLE 11 - NUMBER OF ESTABLISHMENTS, NUMBER OF TREES AND PRODUCTION BY SELECTED STATISTICAL DIVISION (a) - continued

Type of fruit	1990-91						1991-92						1992-93						
	Trees			Trees			Trees			Trees			Trees			Trees			
	Establish- ments (b)	6 years and over	Total	Establish- ments (b)	6 years and over	Total	Production tonnes	Establish- ments (b)	6 years and over	Total	Production tonnes	Establish- ments (b)	6 years and over	Total	Production tonnes	Establish- ments (b)	6 years and over	Total	Production tonnes
SOUTH AUSTRALIA																			
<b>Citrus:</b>																			
Oranges:																			
Navel	886	577,007	831,583	53,793.7	572,941	828,262	58,932.2	877	589,477	890,051	70,980.9	877	589,477	890,051	70,980.9	877	589,477	890,051	70,980.9
Valencia	933	1,182,234	1,359,553	117,192.9	1,190,708	1,333,163	128,645.8	894	1,190,708	1,333,163	145,531.9	923	1,233,311	1,345,062	145,531.9	923	1,233,311	1,345,062	145,531.9
Other	27	2,355	2,895	188.9	2,083	3,043	190.5	25	2,083	3,043	451.6	47	4,078	5,178	451.6	47	4,078	5,178	451.6
Lemons and limes	435	88,611	103,348	12,389.1	89,896	105,181	14,222.0	433	89,896	105,181	16,054.7	417	90,189	106,688	16,054.7	417	90,189	106,688	16,054.7
Grapefruit	470	65,770	71,411	9,159.1	60,069	64,958	9,281.2	424	60,069	64,958	8,011.2	388	56,294	60,711	8,011.2	388	56,294	60,711	8,011.2
Mandarins	448	96,714	171,703	7,967.0	108,448	179,992	9,459.4	447	108,448	179,992	10,878.8	453	113,892	186,082	10,878.8	453	113,892	186,082	10,878.8
Tangelos	54	10,700	19,747	453.5	11,595	20,769	766.8	69	11,595	20,769	1,612.7	102	16,692	26,061	1,612.7	102	16,692	26,061	1,612.7
Other	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	48	-	-	-
<b>Pome:</b>																			
Apples	215	396,915	695,536	20,165.5	370,201	667,550	21,576.1	182	370,201	667,550	26,633.5	202	442,079	727,984	26,633.5	202	442,079	727,984	26,633.5
Pears (incl. Nashi)	229	68,059	125,468	5,332.8	72,861	131,362	5,597.4	250	72,861	131,362	6,144.0	289	78,218	130,346	6,144.0	289	78,218	130,346	6,144.0
Other	-	822	1,163	35.1	753	993	47.5	-	753	993	126.6	25	1,431	1,912	126.6	25	1,431	1,912	126.6
<b>Stone and other:</b>																			
Apricots	1,025	314,151	487,394	14,882.1	316,872	482,127	19,625.2	960	316,872	482,127	17,170.9	1,009	344,055	510,026	17,170.9	1,009	344,055	510,026	17,170.9
Avocados	47	14,926	20,383	365.3	16,366	21,632	390.8	48	16,366	21,632	636.3	46	16,077	21,629	636.3	46	16,077	21,629	636.3
Cherries	84	27,654	79,953	325.0	31,773	91,607	515.0	85	31,773	91,607	235.8	95	41,582	106,384	235.8	95	41,582	106,384	235.8
Nectarines	290	17,983	46,360	811.6	20,434	45,529	930.7	280	20,434	45,529	927.1	259	21,275	49,648	927.1	259	21,275	49,648	927.1
Olives	55	26,538	28,845	526.7	25,173	28,919	581.3	61	25,173	28,919	444.8	57	28,407	34,493	444.8	57	28,407	34,493	444.8
Peaches	595	111,956	187,904	8,207.0	108,542	173,366	8,222.5	560	108,542	173,366	8,338.8	599	125,521	206,646	8,338.8	599	125,521	206,646	8,338.8
Plums and prunes	409	70,600	109,429	1,498.3	72,053	112,576	2,721.0	388	72,053	112,576	3,568.3	407	77,601	126,370	3,568.3	407	77,601	126,370	3,568.3
Other (c)	-	5,491	16,957	241.0	6,949	16,151	277.0	-	6,949	16,151	185.0	-	6,514	14,924	185.0	-	6,514	14,924	185.0
<b>Edible tree nuts:</b>																			
Almonds (d)	175	411,099	557,979	1,412.9	409,969	559,294	1,503.9	154	409,969	559,294	1,682.0	159	418,023	591,307	1,682.0	159	418,023	591,307	1,682.0
Walnuts	26	4,650	5,016	10.1	1,172	4,855	6.8	28	1,172	4,855	6.0	23	1,147	5,095	6.0	23	1,147	5,095	6.0
Pistachios	36	5,361	85,893	8.4	8,586	97,753	21.8	37	8,586	97,753	156.9	38	58,413	97,640	156.9	38	58,413	97,640	156.9
Other	-	1,156	5,177	2.8	850	5,246	2.2	-	850	5,246	4.2	-	2,615	5,284	4.2	-	2,615	5,284	4.2

(a) Includes quantity of fresh fruit used for drying. (b) All establishments with trees bearing a donor not bearing. (c) Excludes berry and small fruit. (d) Kernel weight.

TABLE 12 - AREA AND PRODUCTION OF BERRY AND SMALL FRUIT, YEAR ENDED 31 MARCH

Fruit	1991			1992			1993		
	Area		Production	Area		Production	Area		Production
	Bearing	Not yet Bearing		Bearing	Not yet bearing		Bearing	Not yet bearing	
	hectares	hectares	tonnes	hectares	hectares	tonnes	hectares	hectares	tonnes
Strawberries	80	17	1,091	60	18	1,075	69	20	1,023
Kiwi fruit	9	-	67	9	-	99	10	1	138
Other (a)	7	5	27	5	3	7	12	5	45
<b>Total</b>	<b>96</b>	<b>22</b>	<b>1,185</b>	<b>74</b>	<b>21</b>	<b>1,181</b>	<b>91</b>	<b>26</b>	<b>1,205</b>

(a) Includes black and red currants, blueberries, gooseberries and raspberries.

## SECTION III LAND USE

TABLE 13 - LAND UTILISATION OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY, YEAR ENDED 31 MARCH

Particulars	1991	1992	1993
Total establishments	14,482	13,990	14,077
Number of establishments:			
Growing crops	11,429	11,120	11,245
With sown pastures and grasses	7,630	7,514	6,833
Total area of establishments (hectares)	56,954,110	56,857,088	56,554,511
Total area (hectares):			
Used for crops (a)(b)	2,933,367	2,919,760	3,072,580
Under sown pastures and grasses	3,647,749	3,614,474	3,379,058

(a) Excludes pastures harvested for hay and seed which have been included in 'area under sown pastures and grasses'. (b) Areas of land used for sowing more than one crop in a season have been counted for each crop.

TABLE 14 - LAND UTILISATION OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY BY STATISTICAL DIVISION YEAR ENDED 31 MARCH 1993

Particulars	Statistical Division							
	Adelaide	Outer Adelaide	Yorke and Lower North	Murray Lands	South East	Eyre	Northern	South Australia
Total establishments	750	2,404	2,122	3,514	2,319	1,633	1,335	14,077
Number of establishments:								
Growing crops	604	1,649	2,039	3,226	1,174	1,558	995	11,245
With sown pastures and grasses	101	1,351	1,061	1,048	2,008	837	427	6,833
Total area of establishments (hectares)	36,922	763,289	1,670,141	3,584,703	1,688,318	4,611,180	44,199,958	56,554,511
Total area (hectares):								
Used for crops (a)(b)	11,479	145,441	748,808	618,124	136,405	1,074,099	338,224	3,072,580
Under sown pastures and grasses	8,900	340,836	264,724	791,243	1,189,460	671,689	112,206	3,379,058

(a) Excludes pastures harvested for hay and seed which have been included in 'area under sown pastures and grasses'. (b) Areas of land used for sowing more than one crop in a season have been counted for each crop.

**TABLE 15 - AREA OF LAND AFFECTED BY DEGRADATION BY STATISTICAL DIVISION YEAR ENDED 31 MARCH 1993  
(Hectares)**

Particulars	Statistical Division							
	Adelaide	Outer Adelaide	Yorke and Lower North	Murray Lands	South East	Eyre	Northern	South Australia
Area of land affected by:								
Erosion due to wind or water	171	4,285	11,242	9,455	4,809	17,057	82,870	129,888
Soil salinity - dry land	23	5,086	8,209	18,443	30,905	19,549	5,485	87,770
- irrigation	19	30	105	465	819	310	8	1,755
Other degradation (a)	537	14,594	16,011	70,972	31,147	32,275	1,011,980	1,177,515
<b>Total</b>	<b>750</b>	<b>23,995</b>	<b>35,567</b>	<b>99,335</b>	<b>87,680</b>	<b>69,191</b>	<b>1,100,343</b>	<b>1,396,858</b>

(a) Includes land affected by acidity, compaction, scalding, crusting, weed incursion and feral animal invasion.

**TABLE 16 - USE OF ARTIFICIAL FERTILISERS BY STATISTICAL DIVISION YEAR ENDED 31 MARCH**

Particulars	Statistical Division							
	Adelaide	Outer Adelaide	Yorke and Lower North	Murray Lands	South East	Eyre	Northern	South Australia
Area fertilised (hectares)								
1991	15,120	295,434	745,668	676,104	748,071	1,022,794	330,025	3,833,214
1992	13,832	262,195	727,104	587,592	592,594	905,003	315,108	3,403,428
1993	12,561	277,440	695,015	607,190	721,746	864,388	292,917	3,471,257
Quantity used (tonnes)								
1991	6,676	40,295	75,457	71,188	91,068	70,570	31,303	386,558
1992	5,903	33,541	64,959	58,531	71,905	60,839	27,412	323,089
1993	5,495	33,454	65,096	59,002	77,408	57,540	24,825	322,818

**TABLE 17 - IRRIGATION ACCORDING TO SOURCE OF WATER (a)**

Year ended 31 March	Source of water						Establishments irrigated No.
	From Govt. Irrigation schemes	From rivers, creeks, etc. (a)	From farm dams, etc.	Underground water supply (e.g. bores, wells, etc.)	Town or country reticulated supply	Total	
	hectares	hectares	hectares	hectares	hectares	hectares	
1984	16,849	19,481	3,574	44,360	2,689	86,953	4,834
1987	13,103	21,555	3,692	52,238	1,178	91,765	3,802
1990	16,887	19,627	4,618	55,953	1,876	98,907	3,840
1991	21,658	17,891	5,030	64,967	640	110,186	4,301
1992(b)	n.a.	n.a.	n.a.	n.a.	n.a.	104,055	3,828
1993	n.a.	n.a.	n.a.	n.a.	n.a.	117,117	3,811

(a) Includes private irrigation schemes. (b) Data for individual schemes from 1991-92 was not collected.

**TABLE 18 - AREA UNDER IRRIGATION**

Year ended 31 March	Vegetables (including potatoes)	Fruit	Vineyards	Other(a)	Pastures	Total	Establishments irrigated No.
	hectares	hectares	hectares	hectares	hectares	hectares	
	1984	6,413	12,897	16,512	4,644	46,578	
1987	6,244	11,865	16,418	5,666	51,573	91,765	3,802
1990	7,395	13,410	18,151	6,760	53,191	98,907	3,840
1991	9,400	15,816	21,119	6,056	57,795	110,186	4,301
1992	9,655	15,027	20,532	6,142	52,699	104,055	3,828
1993	9,164	15,604	20,564	9,904	61,881	117,117	3,811

(a) Includes cereals and oilseeds.

## III STRUCTURAL AND FINANCIAL STATISTICS

TABLE 19 - NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY BY INDUSTRY (ASIC) AND ESTIMATED VALUE OF AGRICULTURAL OPERATIONS, 1992-93

<i>Industry of establishment</i>		<i>Estimated value of agricultural operations</i>								<i>Total</i>
		<i>(\$'000)</i>								
<i>ASIC code</i>	<i>Description</i>	<i>Less than 20</i>	<i>20-39</i>	<i>40-59</i>	<i>60-79</i>	<i>80-99</i>	<i>100-149</i>	<i>150-199</i>	<i>200 and over</i>	
0124	Poultry for meat	1	-	1	1	1	1	1	64	70
0125	Poultry for eggs	-	6	2	-	2	4	3	36	53
0134	Grapes	58	264	228	194	118	133	50	70	1,115
0136	Orchard fruit	58	211	212	158	102	164	89	198	1,192
0143	Potatoes	1	7	5	6	6	14	12	94	145
0144	Vegetables	37	66	59	37	28	35	19	121	402
0181	Cereals	33	149	147	206	220	529	490	1,107	2,881
0182	Sheep-cereal grain	37	241	365	387	398	768	435	538	3,169
0183	Meat cattle-cereal grain	3	18	10	17	16	30	14	37	145
0184	Sheep-meat cattle	27	119	141	115	106	179	112	188	987
0185	Sheep	118	257	240	192	163	238	130	175	1,513
0186	Meat cattle	74	143	69	34	42	49	31	96	538
0187	Milk cattle	4	31	61	92	84	233	170	186	861
0188	Pigs	6	21	13	30	12	44	32	106	264
0195	Nurseries	28	34	33	14	12	15	9	20	165
0196	Agriculture n.e.c.	84	76	48	34	21	36	20	46	365
<i>01</i>	<i>Total Agriculture</i>	<i>569</i>	<i>1,643</i>	<i>1,634</i>	<i>1,517</i>	<i>1,331</i>	<i>2,472</i>	<i>1,617</i>	<i>3,082</i>	<i>13,865</i>
	Other industries	111	24	18	11	10	14	8	16	212
<b>Total all industries</b>		<b>680</b>	<b>1,667</b>	<b>1,652</b>	<b>1,528</b>	<b>1,341</b>	<b>2,486</b>	<b>1,625</b>	<b>3,098</b>	<b>14,077</b>

TABLE 20 - NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY BY INDUSTRY (ANZSIC) AND ESTIMATED VALUE OF AGRICULTURAL OPERATIONS, 1992-93

<i>Industry of establishment</i>		<i>Estimated value of agricultural operations</i>								<i>Total</i>
		<i>(\$'000)</i>								
<i>ASIC code</i>	<i>Description</i>	<i>Less than 20</i>	<i>20-39</i>	<i>40-59</i>	<i>60-79</i>	<i>80-99</i>	<i>100-149</i>	<i>150-199</i>	<i>200 and over</i>	
0111	Plant nurseries	5	6	21	5	8	12	8	16	81
0112	Cut flower and flower seed growing	24	28	13	10	4	3	1	5	88
0113	Vegetables	38	74	65	44	34	50	31	217	553
0114	Grape growing	58	271	238	196	126	142	52	72	1,155
0115	Apples and pear growing	6	18	9	12	8	22	16	53	144
0116	Stone fruit growing	29	87	100	61	22	31	7	11	348
0119	Fruit growing n.e.c.	23	99	94	81	64	102	64	129	656
0121	Grain growing	33	153	147	212	219	537	493	1,117	2,911
0122	Grain-sheep and grain-beef cattle farming	40	259	375	404	414	798	449	575	3,314
0123	Sheep-beef cattle farming	27	119	141	115	106	179	112	188	987
0124	Sheep farming	117	259	239	193	165	239	132	179	1,523
0125	Beef cattle farming	74	142	69	34	42	49	31	97	538
0130	Dairy cattle farming	4	31	60	91	83	230	167	183	849
0141	Poultry farming(meat)	1	-	1	1	1	1	1	64	70
0142	Poultry farming(eggs)	-	6	2	-	3	4	3	36	54
0151	Pig farming	6	15	12	23	10	36	30	92	224
0152	Horse farming	12	28	17	13	6	4	4	3	87
0153	Deer farming	1	3	2	3	4	8	4	17	42
0159	Livestock n.e.c.	69	33	20	17	5	4	3	5	156
0169	Crop and other plant growing n.e.c.	2	12	9	2	7	21	9	23	85
<i>01</i>	<i>Total Agriculture</i>	<i>569</i>	<i>1,643</i>	<i>1,634</i>	<i>1,517</i>	<i>1,331</i>	<i>2,472</i>	<i>1,617</i>	<i>3,082</i>	<i>13,865</i>
	Other industries	111	24	18	11	10	14	8	16	212
<b>Total all industries</b>		<b>680</b>	<b>1,667</b>	<b>1,652</b>	<b>1,528</b>	<b>1,341</b>	<b>2,486</b>	<b>1,625</b>	<b>3,098</b>	<b>14,077</b>



## EXPLANATORY NOTES

## Introduction

This publication contains detailed crop, pasture, fruit and vine statistics relating to the year ended 31 March. However some data collected relates to the year ended 30 June. Details for establishments with agricultural activity are also included for the following:

- (a) land utilisation,
- (b) use of artificial fertilisers,
- (c) irrigation.

## Scope and coverage

2. Statistics have been derived, principally, from the annual Integrated Agricultural Commodity Census. This is conducted throughout Australia at 31 March each year and data are collected from those establishments engaged in agricultural activity. For the purpose of this Census an establishment comprises the operations from a single physical location. However, this can comprise non-contiguous pieces of land (*i.e.* parcels of land which are not next to each other) provided that they are under the same management (operator), function as a single unit and are, generally, within the same Statistical Local Area or County. In this case data are attributed to the district in which the main holding is situated. In other circumstances, where an owner or occupier operates more than one location or holding, each location is treated as a separate establishment, depending on proximity and size.

3. The ABS excludes from the Census those establishments which made only a small contribution to overall agricultural production. For 1992-93 the scope of the Census is establishments undertaking agricultural activity having an estimated value of agricultural operations (EVAO) of \$22,500 or more. Tables are based on this scope.

## Crops

4. Statistics of areas and production relate, in the main, to crops sown during the year ended 31 March. Statistics of perennial crops relate to the position at 31 March and production during year ended 31 March. For example, particulars of area and production of wheat refer to wheat sown during the period from April to September and harvested between October and the following February, (*i.e.* the 1992-93 season relates to the harvesting period October 1992 to February 1993). Statistics of other crops which are harvested after 31 March 1993 (*e.g.* potatoes) are collected by supplementary collections and are included in this publication.

## Fruit

5. In general, the season 1992-93 applies to the production of fruit harvested before 31 March 1993. However, data for some fruits harvested after that date have been included. In the case of apples, pears and grapes, data are collected by supplementary surveys and have been included. The approximate times of harvesting of principal fruit crops are as follows:

Crop	Harvesting Period
Almonds	February-March
Apples	February-May
Apricots	November-January
Cherries	November-January
Grapefruit	July-October
Lemons and limes	All year
Mandarins	June-August
Nectarines	January-March
Olives	May
Oranges:	
Navel	May-September
Valencia	September-February
Peaches	December-April
Pears	February-April
Plums and prunes	December-March
Quinces	March-May
Grapes:	
Table	December-May
Wine	January-April
Drying	February-April

Variations in the harvesting period are dependent upon such factors as variety of tree or vine planted, climate, soil and seasonal conditions.

## Australian Standard Geographical Classification (ASGC)

6. Area statistics are classified to the Australian Standard Geographical Classification, Edition 8 (1216.0) and its terminology has been adopted in the presentation of agricultural statistics.

## Industry classification

7. From 1991-92 establishments in the Agricultural Census have been classified to both the Australian Standard Industrial Classification (ASIC) and the Australian and New Zealand Standard Industrial Classification (ANZSIC). The ANZSIC classification replaces the 1983 edition of ASIC (1201.0) and is to be implemented for all ABS classified statistics.

8. For further details on the ANZSIC, including the detailed classification and its concordances with ASIC, see Australian and New Zealand Standard Industrial Classification (ANZSIC) (1292.0) published in 1993. For more details on the method of calculating industry for Agricultural Census establishments please refer to Characteristics of Australian Farms (7102.0).

## Related publications

9. Other ABS publications which may be of interest include:

- Agricultural Statistics, Selected Small Area Data, South Australia* (7120.4)
- Livestock and Livestock Products, Australia* (7221.0)
- Principal Agricultural Commodities, South Australia, Preliminary* (7111.4)
- Value of Agricultural Commodities Produced, South Australia* (7503.4)

10. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The *Catalogue and Publications Advice* are available from any ABS office.

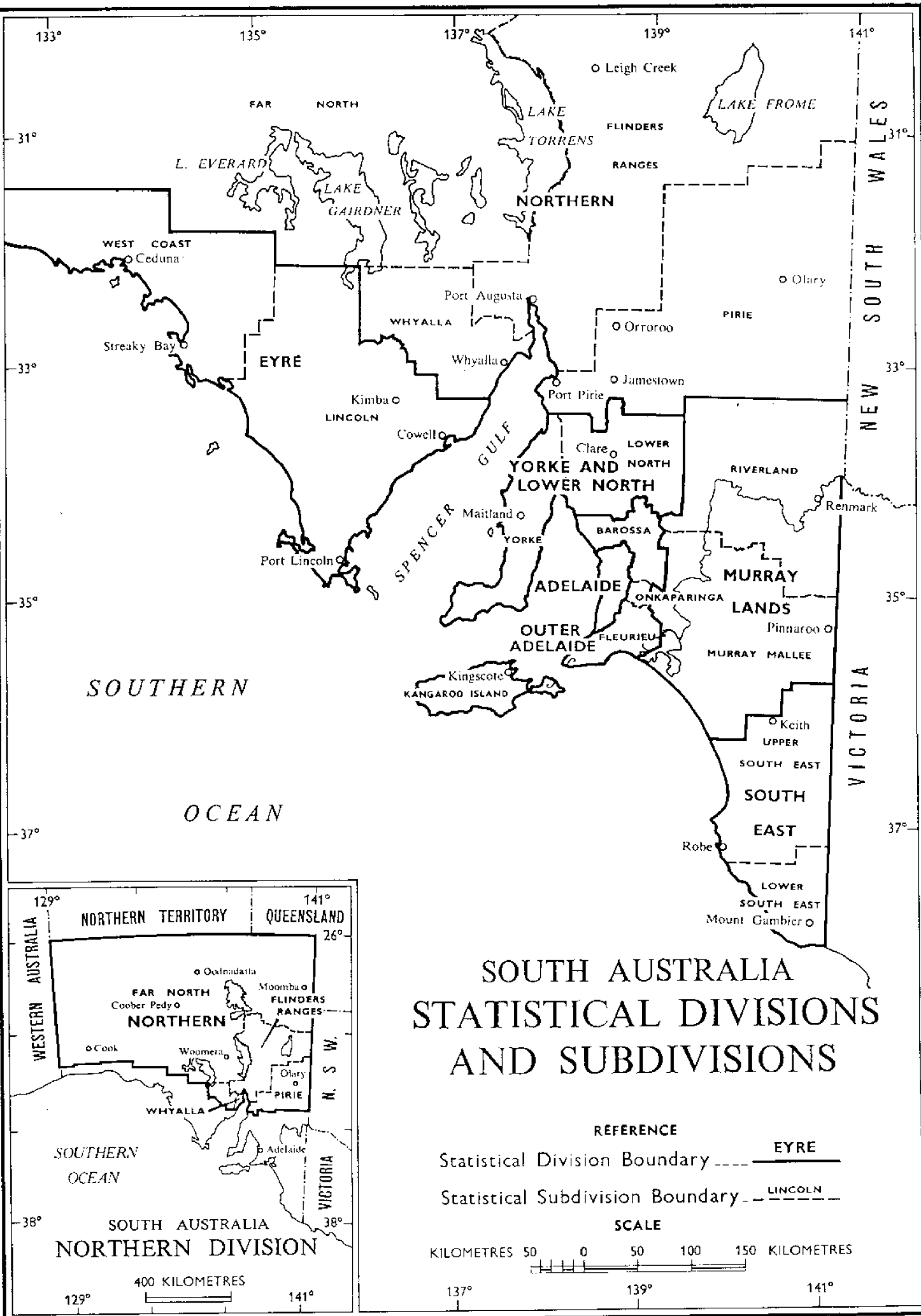
#### Additional Statistics

11. In addition to releasing agricultural statistics in printed publications, statistics for small geographical areas and data for previous years are available on request. The ABS also has an Agricultural statistical package (AgStats) which provides agricultural statistics on MS-DOS compatible floppy disk, magnetic tape, and microfiche. AgStats offers a wider range of data, aggregated at smaller geographical areas than those generally available in printed publications. Agstats is available for each year from 1982-83 to 1991-92. Agstats is also available on CD-ROM for the years 1985-86 to 1989-90. These additional services are subject to a charge.

#### Symbols and other usages

n.a.	data not available
n.e.c.	not elsewhere classified
p	preliminary – figure or series subject to revision
r	figure or series revised since previous issue
–	nil or rounded to zero
..	not applicable

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





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