

Reference No. 10.1

B

AERIAL AGRICULTURE OPERATIONS, AUSTRALIA
QUARTER ENDED SEPTEMBER 1973

This bulletin contains statistics which have been compiled from returns in respect of the quarter ended September 1973 collected by this Bureau from operators of aircraft engaged in aerial topdressing, seeding, spraying and allied activities such as rabbit and dingo baiting. Prior to 1 January 1967 these statistics were collected, on a broadly similar basis, by the Department of Civil Aviation who developed the series in 1956. Details corresponding to those shown in this bulletin have been available from this collection since its inception.

In Table 1 duplication between topdressing and seeding and spraying has been excluded in arriving at total area treated. Statistics relating to the Australian Capital Territory and the Northern Territory have been included in New South Wales and Queensland respectively.

The number of active operators during the quarter was 43.

NOTE. In this issue statistics of area and quantity are expressed in the metric units **hectare** (1 hectare = 2.47105 acres), **tonne** (1 tonne = 1.01605 tons) and **kilogram** (1 kilogram = 2.20462 pounds).

SYMBOLS USED IN THIS BULLETIN

- p - Preliminary. Subject to revision.
.. - Nil, or less than half the final digit shown, or not applicable.

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

TABLE I. - AREA TREATED
('000 hectares)

<i>Period</i>	<i>N.S.W.</i>	<i>Vic.</i>	<i>Qld</i>	<i>S.A.</i>	<i>W.A.</i>	<i>Tas.</i>	<i>Australia</i>
AREA TOPDRESSED AND SEEDED							
Year ended 31 March -							
1969	2,011	(a)	402	(a)	545	(a)	3,834
1970	2,459	726	118	246	(a)	(a)	4,156
1971	1,865	621	180	(a)	366	(a)	3,304
1972	1,461	489	349	(a)	273	(a)	2,795
1973	2,102	559	(a)	(a)	171	(a)	3,359
Quarter ended -							
September 1972	432	29	(a)	(a)	(a)	(a)	501
December 1972	286	45	161	(a)	(a)	(a)	577
March 1973	691	243	53	(a)	(a)	(a)	1,133
June 1973	1,064	185	(a)	(a)	(a)	..	1,370
September 1973p	880	70	32	(a)	(a)	..	999
AREA SPRAYED							
Year ended 31 March -							
1969	(a)	(a)	(a)	149	(a)	(a)	1,853
1970	616	196	238	114	(a)	(a)	1,507
1971	487	96	176	64	(a)	(a)	1,124
1972	624	99	(a)	83	282	(a)	1,357
1973	679	82	202	70	(a)	(a)	1,355
Quarter ended -							
September 1972	61	37	15	25	(a)	(a)	319
December 1972	179	24	51	15	(a)	(a)	315
March 1973	355	14	104	(a)	(a)	(a)	513
June 1973	55	(a)	(a)	(a)	(a)	..	184
September 1973p	221	(a)	(a)	41	(a)	..	817
AREA OF OTHER TYPES OF TREATMENT (RABBIT BAITING, ETC.)							
Year ended 31 March -							
1969	(a)	18	81	(a)	..	..	146
1970	227	23	99	4	..	..	354
1971	59	38	53	(a)	(a)	..	153
1972	57	53	(a)	(a)	(a)	..	140
1973	23	19	(a)	(a)	..	..	74
Quarter ended -							
September 1972	(a)	2	(a)	..	..	..	2
December 1972	(a)	(a)	..	(a)	..	..	12
March 1973	(a)	(a)	..	..	..	..	8
June 1973	(a)	(a)	..	..	..	..	31
September 1973p	(a)	(a)	(a)	..	..	..	54
TOTAL AREA TREATED							
Year ended 31 March -							
1969	2,541	792	(a)	346	(a)	(a)	5,834
1970	3,301	946	455	365	(a)	(a)	6,017
1971	2,412	754	410	233	(a)	(a)	4,581
1972	2,142	640	643	219	(a)	(a)	4,291
1973	2,803	659	488	187	(a)	(a)	4,788
Quarter ended -							
September 1972	(a)	68	31	(a)	189	(a)	822
December 1972	(a)	(a)	212	34	72	(a)	903
March 1973	(a)	(a)	157	69	(a)	(a)	1,654
June 1973	(a)	212	66	(a)	(a)	..	1,586
September 1973p	(a)	226	157	(a)	328	..	1,870

(a) Not available for publication.

TABLE 2. - QUANTITY OF MATERIALS APPLIED

Period	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Australia
SUPERPHOSPHATE (tonnes)							
Year ended 31 March -							
1969	237,623	88,625	15,366	(a)	53,244	(a)	443,596
1970	298,451	117,989	(a)	40,234	66,357	(a)	559,795
1971	211,227	92,317	(a)	23,929	53,491	(a)	417,366
1972	181,705	68,515	(a)	18,118	40,126	(a)	335,374
1973	263,950	86,505	(a)	19,099	26,104	(a)	446,190
Quarter ended -							
September 1972	55,864	4,603	(a)	(a)	(a)	(a)	68,590
December 1972	33,454	8,450	12,006	(a)	(a)	(a)	69,560
March 1973	87,784	36,927	(a)	(a)	(a)	(a)	153,185
June 1973	135,330	36,047	(a)	(a)	(a)	..	190,380
September 1973p	77,832	10,129	(a)	(a)	(a)	..	95,860
SEED ('000 kg.)							
Year ended 31 March -							
1969	(a)	71	(a)	(a)	49	15	1,871
1970	950	45	169	(a)	66	(a)	1,295
1971	797	79	166	(a)	32	(a)	1,111
1972	1,344	76	527	(a)	(a)	(a)	1,991
1973	1,056	66	503	(a)	(a)	(a)	1,646
Quarter ended -							
September 1972	1 51	(a)	(a)	..	..	..	158
December 1972	845	(a)	365	..	..	(a)	1,221
March 1973	1 5	(a)	(a)	..	..	..	133
June 1973	84	33	(a)	(a)	..	..	135
September 1973p	1 18	(a)	(a)	(a)	..	..	172

(a) Not available for publication.

TABLE 3. - AREA SPRAYED, AUSTRALIA ('000 hectares)

Period	Pasture	Crops	Other vegetation	Total
Year ended 31 March -				
1969	203	1,604	47	1,853
1970	143	1,332	31	1,507
1971	112	992	20	1,124
1972	(a)	1,249	(a)	1,357
1973	(a)	1,215	(a)	1,355
Quarter ended -				
September 1972	(a)	291	(a)	319
December 1972	(a)	286	(a)	315
March 1973	(a)	462	(a)	513
June 1973	(a)	126	(a)	184
September 1973p	31	753	33	817

(a) Not available for publication.

TABLE 4. - TOTAL FLYING TIME (hours)

Period	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Australia
Year ended 31 March -							
1969	43,420	15,536	(a)	4,794	18,989	(a)	99,639
1970	48,823	20,893	(a)	6,065	13,219	(a)	102,619
1971	39,846	15,294	(a)	4,605	10,662	(a)	83,692
1972	37,138	11,767	12,049	(a)	8,992	(a)	75,520
1973	47,398	15,197	11,534	3,598	(a)	(a)	89,432
Quarter ended -							
September 1972	8,476	1,592	901	(a)	1,705	(a)	13,521
December 1972	8,499	2,001	4,058	(a)	1,057	(a)	18,142
March 1973	17,147	5,684	4,700	1,403	(a)	(a)	32,344
June 1973	17,106	6,420	2,152	(a)	(a)	..	28,354
September 1973p	10,889	3,030	3,462	988	1,657	..	20,026

(a) Not available for publication.

TABLE 5. - TOPDRESSING - QUARTER ENDED SEPTEMBER 1973p

		N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Australia
Area treated	'000 hectares	849	62	29	(a)	(a)	..	955
Fertiliser used -								
Superphosphate	tonnes	77,832	(a)	(a)	(a)	(a)	..	94,538
Other	"	(a)	(a)	(a)	..	(a)	..	1,170
Flying time	hours	8,609	(a)	(a)	(a)	(a)	..	11,138

(a) Not available for publication.

TABLE 6. - SEEDING (including topdressing and seeding in combination)
QUARTER ENDED SEPTEMBER 1973p

		N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Australia
Area treated	'000 hectares	(a)	(a)	(a)	(a)	..	..	44
Material used -								
Seed	'000 kg	118	(a)	(a)	(a)	..	..	172
Superphosphate	tonnes	..	(a)	(a)	..	..	..	1,322
Flying time	hours	87	(a)	(a)	(a)	..	..	310

(a) Not available for publication.

TABLE 7. - SPRAYING AND OTHER TYPES OF TREATMENT - QUARTER ENDED SEPTEMBER 1973p

		N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Australia
Area sprayed	'000 hectares	221	(a)	(a)	41	(a)	..	817
Area otherwise treated	"	(a)	(a)	(a)	..	..	..	54
Flying time	hours	2,193	1,665	2,431	660	1,629	..	8,578

(a) Not available for publication.

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NOTE. Inquiries concerning these statistics may be made in Canberra by telephoning Mr T. D. Bain on 49 0211 extension 384 or, in each State capital, by telephoning the office of the Australian Bureau of Statistics.