



COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

CANBERRA, AUSTRALIA

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STATISTICAL BULLETIN : AERIAL AGRICULTURE OPERATIONS, AUSTRALIA

QUARTER ENDED JUNE 1969

This bulletin contains statistics which have been compiled from returns in respect of the quarter ended June 1969 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 74.

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.

Ref. No. 10.1

TABLE 1. - AERIAL AGRICULTURE OPERATIONS - AREA TREATED

('000 acres)

Period	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Australia
AREA TOPDRESSED AND SEEDED							
Year ended 31 March 1965	10,047	1,429	564	1,181	711	215	14,147
" " " " 1966	7,585	1,630	335	908	664	193	11,314
" " " " 1967	6,859	1,945	(a)	903	(a)	(a)	11,646
" " " " 1968	6,418	(a)	(a)	(a)	(a)	(a)	10,495
" " " " 1969	4,969	(a)	994	(a)	1,346	(a)	9,474
Quarter ended June 1968	1,429	501	(a)	147	(a)	(a)	2,699
" " September "	1,591	68	(a)	(a)	242	(a)	1,990
" " December "	394	124	659	(a)	241	(a)	1,635
" " March 1969	1,554	(a)	190	196	(a)	(a)	3,150
" " June " (p)	2,082	906	(a)	220	564	(a)	3,880
AREA SPRAYED							
Year ended 31 March 1965	681	386	239	182	928	1	2,416
" " " " 1966	976	702	410	270	1,087	24	3,469
" " " " 1967	(a)	(a)	385	372	(a)	19	3,192
" " " " 1968	990	266	(a)	237	(a)	(a)	(a)
" " " " 1969	(a)	(a)	(a)	448	(a)	(a)	4,580
Quarter ended June 1968	207	64	(a)	120	86	(a)	614
" " September "	540	(a)	131	247	1,543	(a)	2,792
" " December "	(a)	98	167	74	87	(a)	597
" " March 1969	280	37	221	7	(a)	(a)	577
" " June " (p)	258	(a)	83	45	111	(a)	552
AREA OF OTHER TYPES OF TREATMENT (RABBIT BAITING, ETC.)							
Year ended 31 March 1965	62	81	..	..	..	..	144
" " " " 1966	59	140	28	..	..	..	227
" " " " 1967	(a)	(a)	..	..	200	..	399
" " " " 1968	308	(a)	..	(a)	..	..	(a)
" " " " 1969	(a)	45	201	(a)	..	..	361
Quarter ended June 1968	52	25	..	..	..	..	78
" " September "	11	(a)	(a)	..	..	..	223
" " December "	(a)	..	..	(a)	..	..	9
" " March 1969	42	(a)	(a)	..	..	..	51
" " June " (p)	70	(a)	(a)	..	..	..	151
TOTAL AREA TREATED							
Year ended 31 March 1965	10,772	1,896	761	1,363	1,633	215	16,640
" " " " 1966	8,620	2,472	773	1,178	1,751	217	15,010
" " " " 1967	7,793	2,424	(a)	1,276	2,301	(a)	15,237
" " " " 1968	7,716	1,803	1,030	(a)	(a)	(a)	14,348
" " " " 1969	6,280	1,956	(a)	934	(a)	(a)	14,416
Quarter ended June 1968	1,689	591	247	268	(a)	(a)	3,391
" " September "	2,142	409	359	(a)	1,785	(a)	5,004
" " December "	574	221	826	(a)	328	(a)	2,241
" " March 1969	1,876	734	(a)	202	432	(a)	3,779
" " June " (p)	2,409	1,005	(a)	265	675	(a)	4,583

(a) Not available for publication.

TABLE 2. - AERIAL AGRICULTURE OPERATIONS - QUANTITY OF MATERIALS APPLIED

Period	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Australia
SUPERPHOSPHATE (tons)							
Year ended 31 March 1965	446,362	92,213	7,502	54,454	38,506	17,057	656,094
" " " " 1966	374,487	110,550	5,334	46,392	37,654	13,628	588,045
" " " " 1967	318,527	(a)	(a)	46,850	(a)	22,009	596,628
" " " " 1968	308,786	(a)	15,741	(a)	46,826	(a)	524,374
" " " " 1969	233,869	87,225	15,123	(a)	52,403	(a)	436,589
Quarter ended June 1968	66,123	31,481	(a)	7,512	19,772	(a)	131,158
" " September "	74,374	4,336	(a)	(a)	(a)	(a)	86,014
" " December "	19,704	8,722	5,444	6,723	(a)	(a)	57,439
" " March 1969	73,668	42,686	(a)	11,026	20,418	(a)	161,978
" " June " (p)	98,673	53,075	(a)	11,700	31,194	(a)	202,006

SEED
('000 lb)

Year ended 31 March 1965	1,711	162	629	748	177	40	3,467
" " " " 1966	741	56	403	269	112	..	1,581
" " " " 1967	1,086	139	854	(a)	(a)	(a)	2,407
" " " " 1968	(a)	310	626	217	201	(a)	3,249
" " " " 1969	(a)	157	(a)	(a)	108	33	4,125
Quarter ended June 1968	304	87	(a)	16	(a)	(a)	582
" " September "	243	(a)	27	..	(a)	(a)	301
" " December "	(a)	..	993	..	(a)	..	2,636
" " March 1969	242	(a)	254	(a)	32	(a)	605
" " June " (p)	471	(a)	24	81	(a)	(a)	751

(a) Not available for publication.

TABLE 3. - AERIAL AGRICULTURE OPERATIONS - AREA SPRAYED, AUSTRALIA

('000 acres)

Period	Pasture	Crops	Other vegetation	Total
Year ended 31 March 1965	177	2,217	22	2,416
" " " " 1966	489	2,925	56	3,469
" " " " 1967	397	2,760	36	3,192
" " " " 1968	658	2,693	(a)	(a)
" " " " 1969	502	3,963	115	4,580
Quarter ended June 1968	(a)	387	(a)	614
" " September "	(a)	2,561	(a)	2,792
" " December "	(a)	528	(a)	597
" " March 1969	(a)	487	(a)	577
" " June " (p)	(a)	414	(a)	552

(a) Not available for publication.

TABLE 4. - AERIAL AGRICULTURE OPERATIONS - TOTAL FLYING TIME

(hours)

Period		N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Australia
Year ended 31 March	1965	67,038	14,649	5,634	7,767	10,867	2,798	108,753
" " " "	1966	61,610	19,832	7,143	7,056	10,489	2,720	108,850
" " " "	1967	56,442	19,109	(a)	7,822	14,031	(a)	108,688
" " " "	1968	53,241	15,124	(a)	5,609	15,072	(a)	102,112
" " " "	1969	43,420	15,536	(a)	5,087	18,696	(a)	99,639
Quarter ended June	1968	12,130	4,672	(a)	1,354	4,491	(a)	25,723
" " September "	"	13,891	2,734	2,061	(a)	8,619	(a)	28,932
" " December "	"	4,535	1,749	(a)	1,089	2,261	(a)	15,528
" " March 1969	"	12,864	6,381	4,122	(a)	3,325	(a)	29,456
" " June " (p)	"	13,589	7,872	(a)	1,525	4,981	(a)	30,370

(a) Not available for publication.

TABLE 5. - TOPDRESSING - QUARTER ENDED JUNE 1969 (p)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Australia
Area treated '000 acres	1,933	(a)	(a)	216	(a)	(a)	3,688
Fertiliser used - Superphosphate tons	95,652	(a)	(a)	(a)	(a)	(a)	197,448
Other " "	1,474	(a)	(a)	(a)	418	..	2,344
Flying time hours	10,248	6,986	(a)	1,315	4,398	(a)	24,109

(a) Not available for publication.

TABLE 6. - SEEDING (including topdressing and seeding in combination)QUARTER ENDED JUNE 1969 (p)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Australia
Area treated '000 acres	148	(a)	7	4	(a)	(a)	192
Materials used - Seed '000 lb	471	(a)	24	81	(a)	(a)	751
Superphosphate tons	3,021	(a)	(a)	(a)	(a)	(a)	4,558
Flying time hours	731	(a)	56	26	(a)	(a)	1,035

(a) Not available for publication.

TABLE 7. - SPRAYING AND OTHER TYPES OF TREATMENT - QUARTER ENDED JUNE 1969 (p)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Australia
Area sprayed '000 acres	258	(a)	83	45	111	(a)	552
Area otherwise treated " "	70	(a)	(a)	..	..	..	151
Flying time hours	2,610	(a)	1,123	184	(a)	(a)	5,226

(a) Not available for publication.

COMMONWEALTH BUREAU OF CENSUS AND STATISTICSCANBERRA, A.C.T. 2600 15 SEPTEMBER 1969

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NOTE. Inquiries concerning these statistics may be made in Canberra by telephoning 490211 extension 382 or, in each State capital, by telephoning the office of the Bureau of Census and Statistics.