



AERIAL AGRICULTURE OPERATIONS, AUSTRALIA
QUARTER ENDED MARCH 1971

Reference No. 10.1

This bulletin contains statistics which have been compiled from returns in respect of the quarter ended March 1971 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 64.

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 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 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
" " " " 1970	6,076	1,795	291	609	(a)	(a)	10,270
" " " " 1971 p	4,609	1,534	446	(a)	905	(a)	8,165
Quarter ended March 1970	1,585	(a)	(a)	(a)	(a)	(a)	3,021
" " June "	1,945	536	63	(a)	494	(a)	3,258
" " September "	1,222	74	(a)	(a)	22	(a)	1,422
" " December "	598	260	268	95	(a)	(a)	1,401
" " March 1971 p	844	664	(a)	116	(a)	(a)	2,085

AREA SPRAYED							
Year ended 31 March 1967	(a)	(a)	385	372	(a)	19	3,192
" " " " 1968	990	266	(a)	237	(a)	(a)	(a)
" " " " 1969	(a)	(a)	(a)	369	(a)	(a)	4,580
" " " " 1970	1,521	484	589	281	(a)	(a)	3,723
" " " " 1971 p	1,203	237	436	157	(a)	(a)	2,778
Quarter ended March 1970	460	(a)	189	6	(a)	(a)	762
" " June "	176	55	(a)	41	114	(a)	433
" " September "	108	45	15	(a)	503	(a)	724
" " December "	412	100	104	61	61	(a)	(a)
" " March 1971 p	506	37	(a)	(a)	(a)	(a)	(a)

AREA OF OTHER TYPES OF TREATMENT (RABBIT BAITING, ETC.)							
Year ended 31 March 1967	(a)	(a)	..	200	..	..	399
" " " " 1968	308	(a)	..	(a)	..	..	(a)
" " " " 1969	(a)	45	201	(a)	..	..	361
" " " " 1970	561	58	245	11	..	..	875
" " " " 1971 p	147	93	130	(a)	(a)	..	377
Quarter ended March 1970	18	(a)	(a)	(a)	..	..	27
" " June "	105	36	(a)	(a)	..	..	217
" " September "	29	23	(a)	..	(a)	..	110
" " December "	(a)	..	..	..	(a)	..	(a)
" " March 1971 p	(a)	34	..	(a)	..	..	(a)

TOTAL AREA TREATED							
Year ended 31 March 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)	856	(a)	(a)	14,416
" " " " 1970	8,158	2,337	1,125	901	(a)	(a)	14,868
" " " " 1971 p	5,959	1,864	1,012	576	(a)	(a)	11,320
Quarter ended March 1970	2,063	702	309	217	(a)	(a)	3,810
" " June "	2,226	627	(a)	208	607	(a)	3,907
" " September "	1,360	141	113	90	(a)	(a)	2,256
" " December "	(a)	361	372	156	175	(a)	2,144
" " March 1971 p	(a)	736	(a)	121	334	(a)	3,012

(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 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
" " " " 1970	293,737	116,125	(a)	39,598	65,309	(a)	550,952
" " " " 1971 p	207,890	90,859	(a)	23,551	52,646	(a)	410,773
Quarter ended March 1970	77,542	43,132	(a)	10,542	21,024	(a)	164,654
" " June "	79,101	31,780	(a)	9,879	28,984	(a)	156,411
" " September "	61,053	4,741	(a)	(a)	1,210	(a)	73,090
" " December "	27,275	15,953	9,583	6,023	(a)	(a)	70,570
" " March 1971 p	40,462	38,386	1,990	(a)	(a)	(a)	110,704

SEED
('000 lb)

Year ended 31 March 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
" " " " 1970	2,094	99	372	(a)	145	(a)	2,854
" " " " 1971 p	1,758	174	366	(a)	71	(a)	2,450
Quarter ended March 1970	(a)	(a)	(a)	..	48	(a)	366
" " June "	399	101	33	(a)	(a)	(a)	643
" " September "	125	8	32	..	..	..	166
" " December "	1,190	2	231	..	(a)	(a)	1,434
" " March 1971 p	43	63	69	(a)	(a)	(a)	208

(a) Not available for publication.

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

('000 acres)

Period	Pasture	Crops	Other vegetation	Total
Year ended 31 March 1967	397	2,760	36	3,192
" " " " 1968	658	2,693	(a)	(a)
" " " " 1969	502	3,963	115	4,580
" " " " 1970	354	3,291	77	3,723
" " " " 1971 p	277	2,451	50	2,778
Quarter ended March 1970	(a)	680	(a)	762
" " June "	(a)	325	(a)	433
" " September "	(a)	680	(a)	724
" " December "	(a)	633	..	(a)
" " March 1971 p	(a)	813	(a)	(a)

(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 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)	4,794	18,989	(a)	99,639
" " " 1970	48,823	20,893	(a)	6,065	13,219	(a)	102,619
" " " 1971 p	39,846	15,294	(a)	4,605	10,662	(a)	83,692
Quarter ended March 1970	13,921	6,978	3,705	(a)	3,169	(a)	30,612
" " June "	15,012	5,363	(a)	1,511	4,588	(a)	29,311
" " September "	8,197	1,133	761	(a)	2,470	(a)	13,459
" " December "	6,962	2,770	3,748	1,391	(a)	(a)	16,661
" " March 1971 p	9,674	6,028	3,977	(a)	(a)	(a)	24,260

(a) Not available for publication.

TABLE 5. - TOPDRESSING - QUARTER ENDED MARCH 1971 p

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Australia
Area treated '000 acres	830	(a)	(a)	(a)	274	(a)	2,009
Fertiliser used - Superphosphate tons	(a)	(a)	(a)	(a)	15,174	(a)	109,387
Other "	(a)	(a)	(a)	..	(a)	(a)	2,213
Flying time hours	5,410	5,283	366	971	2,002	(a)	15,101

(a) Not available for publication.

TABLE 6. - SEEDING (including topdressing and seeding in combination)

QUARTER ENDED MARCH 1971 p

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Australia
Area treated '000 acres	14	(a)	40	(a)	(a)	(a)	76
Materials used - Seed '000 lb	43	63	69	(a)	(a)	(a)	208
Superphosphate tons	(a)	(a)	(a)	..	(a)	..	1,317
Flying time hours	113	90	205	(a)	(a)	(a)	473

(a) Not available for publication.

TABLE 7. - SPRAYING AND OTHER TYPES OF TREATMENT - QUARTER ENDED MARCH 1971 p

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Australia
Area sprayed '000 acres	506	37	(a)	(a)	(a)	(a)	(a)
Area otherwise treated "	(a)	34	..	(a)	..	..	(a)
Flying time hours	4,151	655	3,406	(a)	(a)	(a)	8,688

(a) Not available for publication.

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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.