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FARM MACHINERY ON RURAL HOLDINGS, AUSTRALIA, 31 MARCH 1971

Reference No. 10.7

This publication contains information on farm machinery on rural holdings for Australia at 31 March for each of the years 1967 to 1971 and for each State and Territory at 31 March 1971.

More detailed statistics of tractors and grain and seed harvesters on rural holdings are also available triennially. Particulars of tractors for each State as at 31 March 1969, classified according to type, horsepower, type of fuel used and age were published in the statistical bulletin "Tractors on Rural Holdings, No. 6 - 31 March 1969" (Reference No. 10.34) issued on 25 August 1970. Details of grain and seed harvesters on rural holdings at 31 March 1970, classified according to type of propulsion, width of cut, age and type of front, will be published in the statistical bulletin "Grain and Seed Harvesters on Rural Holdings, 31 March 1970", (Reference No. 10.46) to be issued soon.

A rural holding is defined for statistical purposes as a holding of one acre or more in extent used for the production of agricultural products (including fruit and vegetables), or for the raising of livestock (including poultry), and the production of livestock products. Holdings of less than one acre on which commercial market gardens, nurseries, poultry farms or hatcheries are operated are also included.

Symbols used in this bulletin

n.a. - Not available

p - Preliminary - subject to revision

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TABLE 1. - FARM MACHINERY ON RURAL HOLDINGS, 31 MARCH, AUSTRALIA  
(Number)

|                                                                                                   | 1967      | 1968      | 1969       | 1970       | 1971 p     |
|---------------------------------------------------------------------------------------------------|-----------|-----------|------------|------------|------------|
| Cultivating -                                                                                     |           |           |            |            |            |
| Mouldboard ploughs (a) -                                                                          |           |           |            |            |            |
| Trailing type                                                                                     | 46,450    | } n.a.    | } n.a.     | 34,966     | } n.a.     |
| Tractor-mounted type                                                                              | 42,219    |           |            | 37,255     |            |
| Disc implements (incl. disc ploughs,<br>disc cultivators, disc tillers and<br>disc harrows) (a) - |           |           |            |            |            |
| Trailing type                                                                                     | 136,649   | } n.a.    | } n.a.     | 126,280    | } n.a.     |
| Tractor-mounted type                                                                              | 71,601    |           |            | 66,529     |            |
| Tyne implements (a) -                                                                             |           |           |            |            |            |
| Chisel ploughs, scarifiers,<br>cultivators and rippers -                                          |           |           |            |            |            |
| Trailing type                                                                                     | 97,146    | } n.a.    | } n.a.     | 96,510     | } n.a.     |
| Tractor-mounted type                                                                              | 93,862    |           |            | 89,807     |            |
| Tyne harrows (number of leaves) -                                                                 |           |           |            |            |            |
| Trailing type                                                                                     | 464,084   | } n.a.    | } n.a.     | 418,930    | } n.a.     |
| Tractor-mounted type                                                                              | 93,615    |           |            | 65,469     |            |
| Rotary hoes and rotary tillers -                                                                  |           |           |            |            |            |
| Self-contained power unit                                                                         | 27,788    | 27,174    | 25,722     | 24,549     | 23,059     |
| Tractor-mounted or trailing type                                                                  | 17,881    | 20,333    | 21,581     | 20,837     | 23,264     |
| Seeding and planting -                                                                            |           |           |            |            |            |
| Grain drills -                                                                                    |           |           |            |            |            |
| Combine type                                                                                      | 92,530    | 94,094    | 94,650     | 94,917     | 93,567     |
| Other types                                                                                       | 29,605    | 29,634    | 28,490     | 27,196     | 25,717     |
| Maize and cotton planters                                                                         | 14,260    | 13,826    | (b) 18,495 | (b) 18,646 | (b) 18,083 |
| Fertiliser distributors and<br>broadcasters -                                                     |           |           |            |            |            |
| Rotary                                                                                            | } 93,064  | } 95,853  | 72,588     | } 98,447   | 73,134     |
| Direct drop                                                                                       |           |           | 24,531     |            | 24,983     |
| Harvesting -                                                                                      |           |           |            |            |            |
| Grain and seed headers and<br>harvester. (c) (d)                                                  |           |           |            |            |            |
| Self-propelled                                                                                    | } 64,917  | 11,953    | 13,213     | 13,191     | 13,871     |
| Tractor drawn                                                                                     |           | 55,929    | 53,883     | 50,163     | 49,904     |
| Agricultural mowers (a) -                                                                         |           |           |            |            |            |
| Reciprocating types -                                                                             |           |           |            |            |            |
| Power - driven                                                                                    | } n.a.    | 80,202    | } n.a.     | } n.a.     | 77,698     |
| Ground - driven                                                                                   |           | 8,737     |            |            | 5,718      |
| Rotary types                                                                                      |           | 28,584    |            |            | 37,854     |
| Hay rakes (a) -                                                                                   |           |           |            |            |            |
| Side delivery                                                                                     | } n.a.    | 49,540    | } n.a.     | } n.a.     | 52,666     |
| Buck                                                                                              |           | 11,780    |            |            | } 26,866   |
| Dump                                                                                              |           | 15,077    |            |            |            |
| Pick-up balers                                                                                    | 36,688    | 38,211    | 40,142     | 41,237     | 42,187     |
| Potato diggers (a)                                                                                | n.a.      | 7,450     | n.a.       | n.a.       | (e) 7,167  |
| Forage harvesters                                                                                 | 7,214     | 7,545     | 8,016      | 8,421      | 8,523      |
| Peanut pickers                                                                                    | 396       | 441       | 416        | 446        | 479        |
| Corn pickers (a)                                                                                  | n.a.      | 1,225     | n.a.       | n.a.       | 1,296      |
| Other -                                                                                           |           |           |            |            |            |
| Shearing machines (No. of stands)                                                                 | 193,226   | 195,542   | 196,286    | 195,352    | } n.a.     |
| Milking machines (No. of units)                                                                   | 235,325   | 233,022   | 231,698    | 228,042    |            |
| Tractors (d)                                                                                      |           |           |            |            |            |
| Wheel                                                                                             | } 314,670 | } 323,982 | 299,297    | } 330,025  | } 326,725  |
| Crawler                                                                                           |           |           | 24,299     |            |            |
| Hammer mills (a)                                                                                  | n.a.      | 27,211    |            | n.a.       | 30,603     |

(a) Details are collected at triennial intervals only. (b) Definition changed in 1969 when informants were asked to report in terms of number of units, i.e., the number of rows that can be planted simultaneously. Figures not strictly comparable with earlier years. (c) Excludes reapers, binders, specialised clover harvesters and forage harvesters. (d) See text on page 1. (e) Includes 95 potato harvesters.

TABLE 2. - FARM MACHINERY ON RURAL HOLDINGS, 31 MARCH 1971p

(Number)

|                                  | N.S.W. | Vic.   | Qld    | S.A.   | W.A.   | Tas.  | N.T. | A.C.T. | Australia  |
|----------------------------------|--------|--------|--------|--------|--------|-------|------|--------|------------|
| Cultivating -                    |        |        |        |        |        |       |      |        |            |
| Rotary hoes and rotary tillers - |        |        |        |        |        |       |      |        |            |
| Self-contained power unit        | 7,822  | 6,710  | 2,524  | 3,206  | 1,518  | 1,196 | 54   | 29     | 23,059     |
| Tractor-mounted or trailing type | 7,764  | 5,663  | 5,029  | 2,236  | 1,616  | 906   | 34   | 16     | 23,264     |
| Seeding and planting -           |        |        |        |        |        |       |      |        |            |
| Grain drills -                   |        |        |        |        |        |       |      |        |            |
| Combine type                     | 28,628 | 19,710 | 14,453 | 15,100 | 14,043 | 1,511 | 65   | 57     | 93,567     |
| Other types                      | 5,193  | 8,394  | 2,012  | 4,804  | 3,046  | 2,225 | 17   | 26     | 25,717     |
| Maize and cotton planters (a)    | 8,489  | 811    | 8,635  | (b)    | 128    | (b)   | 17   | 3      | (c) 18,083 |
| Fertiliser distributors and -    |        |        |        |        |        |       |      |        |            |
| broadcasters -                   |        |        |        |        |        |       |      |        |            |
| Rotary                           | 18,625 | 25,285 | 7,355  | 8,191  | 9,315  | 4,229 | 64   | 70     | 73,134     |
| Direct drop                      | 6,561  | 4,052  | 10,531 | 1,476  | 668    | 1,654 | 15   | 26     | 24,983     |
| Harvesting -                     |        |        |        |        |        |       |      |        |            |
| Grain and seed headers and       |        |        |        |        |        |       |      |        |            |
| harvesters (d)(e) -              |        |        |        |        |        |       |      |        |            |
| Self-propelled                   | 4,972  | 1,648  | 3,137  | 2,216  | 1,727  | 142   | 19   | 10     | 13,871     |
| Tractor drawn                    | 15,262 | 11,641 | 4,343  | 8,992  | 9,018  | 599   | 29   | 20     | 49,904     |
| Agricultural mowers -            |        |        |        |        |        |       |      |        |            |
| Reciprocating -                  |        |        |        |        |        |       |      |        |            |
| Power-driven                     | 19,116 | 28,479 | 8,745  | 9,511  | 6,776  | 4,942 | 46   | 83     | 77,698     |
| Ground-driven                    | 1,134  | 1,288  | 1,852  | 647    | 275    | 512   | 3    | 7      | 5,718      |
| Rotary types                     | 10,660 | 11,196 | 8,489  | 2,845  | 2,792  | 1,760 | 85   | 27     | 37,854     |

For footnotes see next page.

TABLE 2. - FARM MACHINERY ON RURAL HOLDINGS, 31 MARCH 1971p - continued

(Number)

|                                 | N.S.W. | Vic.   | Qld    | S.A.   | W.A.   | Tas.    | N.T. | A.C.T. | Australia |
|---------------------------------|--------|--------|--------|--------|--------|---------|------|--------|-----------|
| Harvesting - continued -        |        |        |        |        |        |         |      |        |           |
| Hay rakes -                     |        |        |        |        |        |         |      |        |           |
| Side delivery                   | 14,196 | 17,976 | 5,821  | 6,755  | 5,208  | 2,614   | 49   | 47     | 52,666    |
| Other (including Buck and Dump) | 4,719  | 5,498  | 9,492  | 2,199  | 3,293  | 1,640   | 9    | 16     | 26,866    |
| Pick-up balers                  | 12,069 | 14,692 | 3,581  | 5,404  | 4,329  | 2,019   | 43   | 50     | 42,187    |
| Potato diggers                  | 1,518  | 2,378  | 1,157  | 694    | 476    | (f) 944 | (b)  | (b)    | (c) 7,167 |
| Forage harvesters               | 2,986  | 2,134  | 1,541  | 814    | 626    | 393     | 20   | 9      | 8,523     |
| Peanut pickers                  | (b)    | (b)    | 475    | (b)    | (b)    | (b)     | 4    | (b)    | (c) 479   |
| Corn pickers                    | 410    | 88     | 798    | (b)    | (b)    | (b)     | (b)  | (b)    | (c) 1,296 |
| Other -                         |        |        |        |        |        |         |      |        |           |
| Tractors (e) -                  |        |        |        |        |        |         |      |        |           |
| Wheel                           | 86,262 | 78,807 | 63,799 | 33,971 | 31,917 | 11,701  | 370  | 185    | } 326,725 |
| Crawler                         | ( )    | 3,071  | 8,465  | 3,052  | 3,741  | 1,238   | 138  | 8      |           |
| Hammer mills                    | 9,078  | 6,434  | 8,461  | 3,372  | 2,524  | 691     | 25   | 18     |           |

(a) Number of units i.e., number of rows that can be planted simultaneously. (b) Not collected. (c) Incomplete; see individual States. (d) Excludes reapers, binders, specialised clover harvesters and forage harvesters. (e) See text on page 1. (f) Includes 95 potato harvesters.

J. P. O'NEILL  
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2 NOVEMBER 1971

NOTE. Inquiries concerning these statistics may be made in Canberra by telephoning 49 0211 extension 382 or, in each State capital, by telephoning the office of the Bureau of Census and Statistics.

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