



Australian Bureau of Statistics

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SALES AND STOCKS OF NEW AGRICULTURAL MACHINERY, AUSTRALIA SEPTEMBER QUARTER 1989

PHONE INQUIRIES

• *about these statistics and the availability of related unpublished statistics*—contact Kevin Squair on Canberra (062) 52 5558 or any ABS State office.

• *about other statistics and ABS services* — contact Information Services on Canberra (062) 52 6627, 52 5402, 52 6007 or any ABS State office.

MAIL INQUIRIES

• *write to Information Services*, ABS P.O. Box 10, Belconnen, A.C.T. 2616 or any ABS State office.

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EXPLANATORY NOTES

Introduction

This publication presents statistics of sales and stocks of certain types of new agricultural machinery.

2. These statistics have been derived from returns collected from 'principals' marketing new agricultural machinery. 'Principals' are businesses in Australia which market new agricultural machinery under their own name (or trade name(s)) or import new agricultural machinery and market it under the name (or trade name(s)) of overseas businesses.

Definitions

3. *Sales* represent new agricultural machinery that 'principals' or their State distributors have sent to their agents or dealers in Australia during the quarter. Direct sales by 'principals' or their State distributors to end users in Australia are included. Exports of new agricultural machinery are excluded.

4. *Stocks* represent implements and machines held by the principals and their State distributors at the end of the period indicated. Stocks held by agents and dealers are excluded. Stocks in transit within Australia are included in the stocks of the State for which they are intended.

5. *Components* which have not yet been assembled into complete machines and equipment not requiring power units are excluded from these statistics.

6. *Linkage type (tractor mounting type)* includes semi-mounting type.

7. *Disc ploughs* includes disc cultivating ploughs and disc tillers.

8. *Blade ploughs (sweep ploughs)* are implements used for minimum tillage and consisting of widely spaced tines fitted with wide sweeps or connected by blades which cut roots below ground level without disturbing top soil.

9. *Chisel ploughs* includes implements of the type which usually have narrow pointed tines placed well apart (30cm or more) and which can usually penetrate to a depth of 20cm or more.

10. *Tine scarifiers* includes implements primarily designed for primary cultivation as 'scarifiers'.

11. *Tine cultivators* includes implements primarily designed for secondary cultivation as 'cultivators'.

12. *Tine harrows* includes driven tine, diamond and stump jump harrows. Excludes drill and following harrows.

13. *Disc harrows* excludes disc implements capable of being used for both ploughing and harrowing.

14. *Pneumatic (air) seeders* excludes pneumatic seeders sold mounted on an implement, which is shown under its own category.

15. *Agricultural mowers (rotary)* excludes cylinder reel types.

16. *Pick-up bale loaders for baled hay* excludes combination stacker-loaders.

17. *Bale elevators and stackers* includes units for use at stack site.

18. *Hammer mills (farm type)* includes roughage mills.

Related publications

19. Additional statistics on agricultural machinery are available from this Bureau as follows:

Manufacturing Commodities, Principal Articles Produced, Australia, 1986-87 (8303.0) contains statistics on production and assembly within Australia of various types of agricultural machinery.

Foreign Trade, Australia, Exports, (5436.0) which contains details of exports according to type and country of destination.

Foreign Trade, Australia, Imports (5437.0) which contains details of imports according to type and country of origin.

Sales and Stocks of New Tractors, Australia (8507.0) which contains quarterly details of sales of new tractors.

20. Current publications produced by the ABS are listed in the *Catalogue of Publications, 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.

Symbols and other usages

- n.p. not available for separate publication (but included in totals where applicable)
- nil
- r revised since previous issue

Electronic services

VIATEL. Key *656# for selected current economic, social and demographic statistics.

AUSSTATS. Thousands of up-to-date time series are available on this ABS on-line service through PAXUS COMNET.

For further information phone the AUSSTATS Help Desk on (062) 52 6017.

TELESTATS. This service provides:

- foreign trade statistics tailored to users' requirements. Further information is available on (062) 52 5404.
- text and tables for selected Main Economic Indicator publications. Further information is available on (062) 52 5405.

Floppy disk service

Selected ABS statistics are available on Floppy disk. Further information is available on (062) 52 6684.

IAN CASTLES
Australian Statistician

TABLE 1. SALES OF NEW AGRICULTURAL MACHINERY
(number)

Type of implement or machine	Year ended		Quarter ended					
	June 1988	June 1989	June 1988	Sept. 1988	Dec. 1988	Mar. 1989	June 1989	Sept. 1989
TILLAGE IMPLEMENTS								
Disc ploughs (a)—								
Linkage type	80	175	38	49	58	37	n.p.	65
Trailed type—								
Up to and incl. 22 disc	n.p.		n.p.	n.p.				
Over 22 disc	61	79	n.p.	n.p.				
Agricultural rippers (sub-soilers)	658	644	225	199	161	135	149	135
Blade ploughs (sweep ploughs)	10	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Chisel ploughs—								
Linkage type	304	n.p.	123	n.p.	46	87	69	132
Trailed type	168	148	57	34	73		12	
Tine scarifiers (incl. row crop type)—								
Linkage type	71	88	39	20	50	58	72	27
Trailed type—								
Up to and incl. 6 m cutting width	n.p.	n.p.	n.p.	n.p.				
Over 6 m cutting width	n.p.	93	n.p.	19	28			
Tine cultivators (incl. row crop type)—								
Linkage type	199	266	65	54	57	80	75	80
Trailed type—								
Up to and incl. 6 m cutting width	48	51	18	14	—	193	166	39
Over 6 m cutting width	237	442	91	57	63		—	—
Mouldboard ploughs	n.p.	n.p.	n.p.	n.p.	—	n.p.	—	—
Tine harrows (No. of leaves or sections)	n.p.	n.p.	n.p.	1,380	n.p.	n.p.	n.p.	n.p.
Disc harrows—								
Offset—								
Linkage type	n.p.	311	n.p.	92	184	164	n.p.	78
Trailed type	330	243	126	66				
Other than offset type	n.p.	n.p.	n.p.	n.p.				
Rotary hoes (rotary tillers)—								
Walk behind type	n.p.	n.p.	n.p.	n.p.	497	287	403	674
Linkage type (tractor-mounted)	n.p.	n.p.	n.p.	46		—	—	n.p.
Other	—	—	—	—				
SEEDING AND FERTILISING MACHINERY								
Drills and cultivating drills—								
Tine	509	539	222	n.p.	n.p.	160	180	n.p.
Pneumatic (air) seeders—								
Trailed hopper	196	268	66	39	44	95	117	37
Implement mounted hopper	n.p.	n.p.	n.p.	n.p.		n.p.	n.p.	n.p.
Row crop planters (No. of units)	n.p.	n.p.	n.p.	24	n.p.	n.p.	n.p.	n.p.
Fertiliser spreaders—								
Linkage type	n.p.	n.p.	n.p.	128	124	n.p.	66	n.p.
Trailed type	n.p.	n.p.	n.p.	n.p.	221	254	180	158
Liquid spreaders	n.p.	10	n.p.	4	n.p.	—	n.p.	n.p.
HARVESTING, HAYMAKING, ETC. MACHINERY								
Healers (combine harvesters)—								
Self propelled—								
Up to and incl. 1,250 mm drum width	45	95	15	26	115	91	91	77
Over 1,250 mm drum width	137	274	35	n.p.		13		
Rotary type	n.p.	n.p.	n.p.	n.p.				
Trailed (P.T.O. driven)	61	n.p.	15	22	40	12	n.p.	n.p.
Agricultural mowers—								
Slasher type	2,809	3,114	682	812	1,217	1,078	975	1,119
Rotary type (incl. disc and drum)	n.p.	n.p.	n.p.	n.p.				
Hay rakes (all type)	n.p.	n.p.	n.p.	196	177	136	n.p.	260
Hay balers—								
Bales up to and incl. 100 kgs	n.p.	647	n.p.	18	133	148	110	229
Round balers and other large balers	411		129	238				
Pick-up bale loaders for baled hay	n.p.	195	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Bale elevators and stackers	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Grain augers	547	546	146	155	199	87	105	96
OTHER AGRICULTURAL MACHINERY								
Post-hole diggers (auger type)	672	646	183	165	187	158	136	138
Post drivers	442	774	n.p.	168	n.p.	n.p.	258	196
Hammer mills (farm type)	n.p.	n.p.	n.p.	—	5	7	n.p.	n.p.
Grinder mixers (incl. feed mixing trailers)	n.p.	n.p.	61	n.p.	n.p.	n.p.	n.p.	n.p.

(a) Includes disc cultivating ploughs and disc tillers.

TABLE 2. SALES OF NEW AGRICULTURAL MACHINERY STATES, SEPTEMBER QUARTER 1989
(number)

Type of implement or machine	NSW and ACT	Vic.	Qld	SA and NT	WA	Tas.	Aust.
TILLAGE IMPLEMENTS							
Disc ploughs(a)—							
Linkage type							
Trailed type—							
Up to and incl. 22 disc	n.p.	n.p.	n.p.	—	—	n.p.	65
Over 22 disc							
Agricultural rippers (sub-soilers)	81	11	36	n.p.	n.p.	n.p.	135
Blade ploughs (sweep ploughs)	—	—	n.p.	—	—	—	n.p.
Chisel ploughs—							
Linkage type	62	n.p.	59	—	n.p.	n.p.	132
Trailed type							
Tine scarifiers (incl. row crop type)—							
Linkage type							
Trailed type—							
Up to and incl. 6 m cutting width	n.p.	n.p.	n.p.	n.p.	n.p.	—	27
Over 6 m cutting width							
Tine cultivators (incl. row crop type)—							
Linkage type							
Trailed type—							
Up to and incl. 6 m cutting width	49	20	30	12	n.p.	n.p.	119
Over 6 m cutting width							
Mouldboard ploughs	—	—	—	—	—	—	—
Tine harrows (No. of leaves or sections)	n.p.	n.p.	405	60	n.p.	n.p.	n.p.
Disc harrows—							
Offset—							
Linkage type	33	9	21	n.p.	n.p.	n.p.	78
Trailed type							
Other than offset type							
Rotary hoes (rotary tillers)—							
Walk behind type							
Linkage type (tractor-mounted)	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	674
Other	—	—	n.p.	—	—	—	n.p.
SEEDING AND FERTILISING MACHINERY							
Drills and cultivating drills—							
Tine	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Pneumatic (air) seeders—							
Trailed hopper	n.p.	n.p.	n.p.	n.p.	n.p.	—	37
Implement mounted hopper							
Row crop planters (No. of units)	n.p.	n.p.	—	n.p.	n.p.	—	n.p.
Fertiliser spreaders—							
Linkage type							
Trailed type	n.p.	72	31	n.p.	n.p.	n.p.	198
Liquid spreaders							
HARVESTING, HAYMAKING, ETC. MACHINERY							
Headers (combine harvesters)—							
Self propelled—							
Up to and incl. 1,250 mm drum width	n.p.	n.p.	9	12	33	—	77
Over 1,250 mm drum width							
Rotary type							
Trailed (P.T.O. driven)	n.p.	n.p.	n.p.	n.p.	n.p.	—	n.p.
Agricultural mowers—							
Slasher type							
Rotary type (incl. disc and drum)	593	197	174	59	72	24	1,119
Hay rakes (all types)	n.p.	95	n.p.	n.p.	71	n.p.	260
Hay balers—							
Bales up to and incl. 100 kgs	36	89	7	55	10	—	229
Round balers and other large balers							
Pick-up bale loaders for baled hay	n.p.	n.p.	—	—	—	—	n.p.
Bale elevators and stackers	n.p.	n.p.	n.p.	—	—	—	n.p.
Grain augers	17	n.p.	n.p.	n.p.	n.p.	—	96
OTHER AGRICULTURAL MACHINERY							
Post-hole diggers (auger type)	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	138
Post drivers	41	n.p.	n.p.	n.p.	n.p.	n.p.	196
Hammer mills (farm type)	—	—	n.p.	—	—	—	n.p.
Grinder mixers (incl. feed mixing trailers)	n.p.	n.p.	n.p.	n.p.	n.p.	—	n.p.

(a) Includes disc cultivating ploughs and disc tillers.

TABLE 3. STOCKS OF NEW AGRICULTURAL MACHINERY
(number)

Type of implement or machine	As at					
	30 June 1988	30 Sept. 1988	31 Dec. 1988	31 Mar. 1989	30 June 1989	30 Sept. 1989
TILLAGE IMPLEMENTS						
Disc ploughs (a)—						
Linkage type	19	21	23	25	n.p.	n.p.
Trailed type—						
Up to and incl. 22 disc	n.p.	n.p.	—	—	—	n.p.
Over 22 disc	—	—	—	—	—	—
Agricultural rippers (sub-soilers)	22	18	14	17	7	8
Blade ploughs (sweep ploughs)	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Chisel ploughs—						
Linkage type	n.p.	} 76	42	88	117	52
Trailed type	8					
Tine scarifiers (incl. row crop type)—						
Linkage type	12	} 29	11	9	24	n.p.
Trailed type—						
Up to and incl. 6 m cutting width	15					
Over 6 m cutting width	n.p.					
Tine cultivators (incl. row crop type)—						
Linkage type	87	} 156	84	138	147	91
Trailed type—						
Up to and incl. 6 m cutting width	29					
Over 6 m cutting width	16					
Mouldboard ploughs	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Tine harrows (No. of leaves or sections)	n.p.	n.p.	n.p.	723	n.p.	n.p.
Disc harrows—						
Offset—						
Linkage type	10	8	} 34	27	21	n.p.
Trailed type	23	23				
Other than offset type	n.p.	n.p.				
Rotary hoes (rotary tillers)—						
Walk behind type	n.p.	n.p.	} 629	685	525	1,262
Linkage type (tractor-mounted)	n.p.	n.p.				
Other	—	—	—	—	—	—
SEEDING AND FERTILISING MACHINERY						
Drills and cultivating drills—						
Tine	45	39	n.p.	18	49	n.p.
Pneumatic (air) seeders—						
Trailed hopper	7	13	n.p.	n.p.	n.p.	n.p.
Implement mounted hopper	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Row crop planters (No. of units)	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Fertiliser spreaders—						
Linkage type	n.p.	44	56	43	} 52	55
Trailed type	17	17	10	9		
Liquid spreaders	—	—	—	—	—	—
HARVESTING, HAYMAKING, ETC. MACHINERY						
Headers (combine harvesters)—						
Self propelled—						
Up to and incl. 1,250 mm drum width	95	88	} 135	171	153	141
Over 1,250 mm drum width	123	154				
Rotary type	18	n.p.				
Trailed (P.T.O. driven)	n.p.	135	106	111	89	57
Agricultural mowers—						
Slasher type	37	34	36	} 862	878	881
Rotary type (incl. disc and drum)	n.p.	907	951			
Hay rakes (all types)	n.p.	95	62	50	59	87
Hay balers—						
Bales up to and incl. 100 kgs	31	19	90	39	23	39
Round balers and other large balers	73	107	r82	67	68	181
Pick-up bale loaders for baled hay	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Bale elevators and stackers	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Grain augers	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
OTHER AGRICULTURAL MACHINERY						
Post-hole diggers (auger type)	n.p.	65	33	18	13	n.p.
Post drivers	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Hammer mills (farm types)	—	—	—	—	—	—
Grinder mixers (incl. feed mixing trailers)	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.

(a) Includes disc cultivating ploughs and disc tillers.

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