Census of commercial agriculture, 2007
North West

Provincial statistics for selected products

Report No. 11-02-07 (2007)

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Census of commercial agriculture, 2007 - North West / Statistics South Africa

Published by Statistics South Africa, Private Bag X44, Pretoria 0001

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Stats SA Library Cataloguing-in-Publication (CIP) Data
Census of commercial agriculture, 2007 - North West, Statistics South Africa. Pretoria: 2011

Report No. 11-02-07(2007)
ii. 11 pp

ISBN: 978-0-621-40558-3

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Table 1 – Field crops: Area planted, production and gross farming income for maize for grain and wheat

Magisterial district	Maize for grain					Wheat				
	Planted hectares		Production in metric tons		R'000	Planted hectares		Production in metric tons		R'000
	Dry land	Irrigated	Dry land	Irrigated		Dry land	Irrigated	Dry land	Irrigated	
Brits	25 093	8 719	70 384	22 294	117 817	1 209	5 892	3 287	27 795	49 950
Christiana	12 986	911	39 938	9 011	56 803	1 555	743	3 461	3 431	12 218
Delareyville	67 860	2 520	200 818	10 285	226 688	38	147	83	647	1 018
Huhudi							400		1 571	2 600
Klerksdorp	27 353	2 642	69 394	14 155	88 573	255	363	510	1 240	2 972
Kudumane	1 500		3 191		3 612					
Lichtenburg	138 206	8 402	335 509	48 636	402 982	1 042	2 040	2 878	9 313	20 230
Madikwe	2 933	237	6 623	1 326	7 938	25	273	77	1 364	2 563
Mankwe	689		1 311		1 976					
Mmabatho	1 222	87	2 817	395	3 613					
Potchefstroom	15 183	1 951	40 474	16 205	55 980	81	597	244	3 342	4 592
Rustenburg	18 948	1 075	44 745	6 436	51 005	115	51	261	260	830
Schweizer-Reneke	70 086	494	191 237	2 364	224 363	2 266	41	5 990	225	8 176
Ventersdorp	32 201	2 446	80 829	14 052	105 472	300	254	400	872	2 315
Vryburg	33 417	2 447	82 458	9 282	95 017	287	100	833	310	1 733
Wolmaransstad	99 135	8 160	249 912	35 052	322 249	2 644	183	13 373	980	25 127

Table 2 – Field crops: Area planted, production and gross farming income for sunflower seed and groundnuts

Magisterial district	Sunflower seed					Groundnuts				
	Planted hectares		Production in metric tons		R'000	Planted hectares		Production in metric tons		R'000
	Dry land	Irrigated	Dry land	Irrigated		Dry land	Irrigated	Dry land	Irrigated	
Brits	2 547	595	3 072	1 571	8 410	92	143	57	505	1 085
Christiana	1 320		1 451		3 149	907	363	1 157	1 107	6 788
Delareyville	16 721		18 009		30 511	1 475	57	1 717	179	4 778
Klerksdorp	2 183		2 528		4 863	672		1 242		3 233
Kudumane	320		440		930					
Lichtenburg	28 324	601	36 372	1 009	73 447	1 782	170	1 701	645	5 388
Madikwe	592		920		1 610					
Mmabatho	66		93		194	99		83		365
Potchefstroom	1 911	374	2 006	723	6 922					
Rustenburg	3 512	191	4 015	266	9 108					
Schweizer-Reneke	4 708		5 024		11 111	2 389		3 946		10 150
Ventersdorp	3 708	25	5 155	89	8 704					
Vryburg	2 212	230	2 143	173	4 401	3 214	129	3 065	282	11 554
Wolmaransstad	7 996	600	8 903	1 143	19 812	861	12	1 136	18	3 142

Table 3 – Horticulture: Area planted, production and gross farming income for vegetables

Magisterial district	Potatoes			Tomatoes			Onions		
	Planted hectares	Production in metric tons	R'000	Planted hectares	Production in metric tons	R'000	Planted hectares	Production in metric tons	R'000
Brits	18	340	223	427	24 686	66 083	353	10 964	13 078
Christiana	1 514	27 132	47 395						
Delareyville	313	9 329	12 124	151	1 458	2 843			
Lichtenburg	131	3 118	6 416						
Madikwe				14	166	496			
Mankwe				19	671	2 316			
Potchefstroom	129	3 095	5 206						
Rustenburg	22	157	306						
Ventersdorp	47	1 955	2 057	10	216	634			
Vryburg	895	18 199	32 688	12	87	144	99	3 187	4 779

Table 4 – Horticulture: Area planted, production and gross farming income for vegetables and fruit

Magisterial district	Carrots			Cabbage and red cabbage			Oranges		
	Planted hectares	Production in metric tons	R'000	Planted hectares	Production in metric tons	R'000	Planted hectares	Production in metric tons	R'000
Brits	523	6 684	12 611	284	11 579	9 318	902	23 458	18 414
Christiana				5	92	75			
Klerksdorp	180	4 541	8 496						
Lichtenburg				17	511	361			
Madikwe				15	616	526	6	28	34
Rustenburg				19	483	279	420	9 401	5 624
Vryburg				19	1 090	574			

Table 5 – Animals: Number of livestock sold and gross farming income

Magisterial district	Cattle		Sheep		Pigs		Game		Chickens	
	Number	R'000	Number	R'000	Number	R'000	Number	R'000	Number	R'000
Brits	69 500	261 272	3 561	2 054	52 587	36 244	2 209	16 806	1 283 065	22 507
Christiana	100 266	355 948	4 126	2 421	4 705	4 265	115	1 040	16 000	349
Delareyville	21 582	90 383	11 914	7 365	541	347			263 570	4 094
Huhudi	213	971	496	251						
Klerksdorp	28 399	113 135	7 079	3 437	1 610	557	1 007	3 599	3 952 639	47 758
Kudumane	444	1 310	189	111					1 038 807	1 174
Lichtenburg	38 279	127 133	22 091	12 869	868	305	799	1 965	5 194 705	54 157
Madikwe	11 485	55 924	1 099	606	2 224	1 081	556	2 928	7 214 556	63 753
Mankwe	240	823			1 062	891	370	535		
Mmabatho	2 917	12 581	918	477			84	142	14 133 635	349 421
Phokwani	596	1 570	275	163						
Potchefstroom	96 658	437 943	5 189	3 063	74 510	58 910	313	3 132	25 947 699	488 517
Rustenburg	46 670	211 137	17 575	10 535	29 303	21 859	15 283	16 731	86 708 475	1 399 915
Schweizer-Reneke	49 469	203 983	14 488	8 150	1 347	797	70	1 169	1 572	44
Ventersdorp	32 506	111 866	4 154	2 562	27 935	23 428	30	259	7 363 005	72 622
Vryburg	158 040	599 627	23 008	13 750	53 412	32 517	421	2 320	16 100	210
Wolmaransstad	30 236	114 433	16 414	9 373	30 099	22 441	411	2 619	5 103 979	39 407

Table 6 – Animal products: Quantity sold and gross farming income

	Milk and cream		Wool		Eggs	
	Litres	R'000	Kg	R'000	Dozen	R'000
Brits	11 197 646	29 094	4 240	145	17 812 053	136 171
Christiana	4 942 377	9 974	15 065	502		
Delareyville	17 365 835	34 757	155 418	4 949	656 399	3 731
Klerksdorp	7 547 457	18 283	5 358	128	1 155 445	7 526
Lichtenburg	19 920 017	40 789	26 025	896		
Madikwe	1 067 142	2 583				
Mmabatho	73 924	161				
Potchefstroom	15 626 959	37 320	7 122	240	9 054 917	60 605
Rustenburg	4 099 256	7 783	2 287	64	9 737 074	75 760
Schweizer-Reneke	7 330 138	15 504	17 538	599	99 869	649
Ventersdorp	1 870 821	3 953	14 658	327	8 929 931	52 333
Vryburg	28 582 900	55 543	26 157	858		
Wolmaransstad	8 660 918	19 066	34 411	934		

Table 7 – Animals: Number of livestock on farm as at 28 February 2007

Magisterial district	Cattle	Sheep	Pigs	Game	Chickens
Brits	60 258	4 874	25 810	743	1 547 040
Christiana	46 300	6 577	14 974	345	4 000
Delareyville	42 815	16 282	178		57 010
Huhudi	569	332			
Klerksdorp	40 067	4 948	1 156	654	3 214 344
Kudumane	1 878	714			
Lichtenburg	78 684	26 905	611		1 680 630
Madikwe	17 911	18 707	1 224	370	1 961 416
Mankwe	642		1 524		
Mmabatho	5 010	390			4 735 595
Phokwani	1 334	414			
Potchefstroom	70 162	7 321	52 800	393	1 525 937
Rustenburg	53 091	5 661	30 051	1 136	10 891 498
Schweizer-Reneke	63 272	16 608	636	560	6 524
Ventersdorp	53 569	10 328	16 192		1 184 100
Vryburg	236 559	30 331	20 887	473	4 733
Wolmaransstad	62 703	22 357	15 834	841	978 080

Explanatory notes

Introduction

This publication updates Statistical Release P1101, *Census of commercial agriculture 2007*, and Report 11-02-01 (2007), *Census of commercial agriculture 2007.* In many respects it can be compared with Report 11-02-07 (2002), *Census of commercial agriculture 2002*. However, this report provides only statistics on production and gross farming income of selected products of active commercial farming enterprises in South Africa. Detailed statistics for selected field crops, horticultural products, animals and animal products are published at magisterial district level.

The report presents the results of 4 902 commercial farms in North West that were active during the census of commercial agriculture, which was conducted from 1 March 2006 to 28 February 2007.

The statistical unit for the collection of information is a farming enterprise. An enterprise is a legal unit (or a combination of legal units) that includes and directly controls all functions necessary to carry out its production activities. The previous census of commercial agriculture was conducted in 2002 (Report No. 11-02-07 (2002)).

Universe

1 The universe of the 2007 Census of Commercial Agriculture differed considerably from the agriculture censuses in the past. This census covered the whole country, based on a business register containing all businesses registered for VAT with the South African Revenue Service (SARS).

All enterprises are legally bound to register for VAT when their turnover for a period of twelve months equals or exceeds R300 000. However, those with a turnover of less than R300 000 may register for VAT voluntarily. From the commercial farming units registered for VAT, a total of 4 902 were identified as live and active at the time of the census, and formed the universe for the census in North West.

Scope

2 Information was obtained from commercial farmers who worked on their own farms or rented farms or farmed land on shares.

For the purpose of the census, farming means:

- the growing of field crops, fruit, grapes, nuts, seeds, trees in a nursery, bulbs, vegetables and flowers in the open air or under cover;
- operations at nurseries excluding those predominantly engaged in reselling;
- the operation of tea, coffee and sugar plantations;
- the raising of livestock, game, poultry, rabbits, freshwater fish, furbearing and other animals; and
- the production of milk, wool, pelt/fur, eggs and honey for commercial purposes.

Forestry (e.g. timber, wattle, wood and other plantations), ocean fishing and agricultural services were not included in the census. Data in respect of agricultural smallholdings such as nurseries, vegetable gardens, flower farms and dairy farms are included in this report only in those cases where products were intended for sale.

Statistical unit **3** The statistical unit for the collection of information is a farming unit. A farming unit consists of one or more separate farms, holdings or portions of land whether contiguous or not, provided they are situated in the same province and are operated as a single unit. Farms or portions of land in different provinces are regarded as separate farming units. The number of farming units, therefore, does not represent the number of farmers, as a specific farming unit can be operated by more than one farmer, and one farmer can operate more than one farming unit.

Collection method **4** Information was collected by electronic mail, postal mail, telephonic conversations and personal visits.

Reference period **5** Information was collected from farming units regarding their financial year as having ended on any date between 1 March 2006 and 28 February 2007. However, the number of closing livestock was requested as at 28 February 2007.

Classification **6** The 1993 edition of the *Standard Industrial Classification of all Economic Activities* (SIC), Fifth Edition, Report No. 09-09-02, was used to classify the statistical units in this census. The SIC is based on the third revision of the 1990 *International Standard Industrial Classification of all Economic Activities* (ISIC), with suitable adaptations for local conditions. Farming sectors included were classified to the five-digit (subgroup) level for the detailed results.

Comparability with previous censuses/surveys **7** In comparing the results of the 2002 and 2007 censuses with those of the previous censuses and sample surveys, the following should be borne in mind:

- Prior to the 2002 census, the commercial farmers in the Transkei, Bophuthatswana, Venda and Ciskei (TBVC) states and self-governing territories were excluded.
- The updating of the previous business register with data obtained from the South African Revenue Service (SARS) resulted in an improved frame.
- The 2002 and 2007 censuses excluded forestry, e.g. timber, wattle, wood and other plantations, ocean fishing and agricultural services.

In addition, there have been:

- alterations in the boundaries of geographical areas;
- fluctuating climatic conditions; and
- rotation of crops.

In comparing the results of the 2002 and 2007 censuses the following should be borne in mind:

- Area, number of animals and production as published in Part 2 of Report No. 11-02-01, *Census of commercial agriculture 2002*, reflect only data of the farming units of farmers who responded during the census. However, for the 2007 census the area, number of animals and production of non-responding units were imputed.
- There was a better coverage of the poultry sector in 2007 as compared with 2002.
- Drought conditions which prevailed in various parts of the country during the census period influenced the field crop production.

Related publications **8** The following Stats SA publications contain information regarding agriculture:

Statistical release P1101 (2007) - Census of agriculture 2007 (Summary)
Report No. 11-02-01 (2007) - Census of Agriculture, 2007: Financial and production statistics
Report No. 11-02-01 (2002) - Census of Agriculture, 2002: Financial and production statistics.
Report No. 11-02-02 (2002) - Census of Agriculture, 2002: Provincial statistics: Western Cape.
Report No. 11-02-03 (2002) - Census of Agriculture, 2002: Provincial statistics: Eastern Cape.
Report No. 11-02-04 (2002) - Census of Agriculture, 2002: Provincial statistics: Northern Cape.
Report No. 11-02-05 (2002) - Census of Agriculture, 2002: Provincial statistics: Free State.
Report No. 11-02-06 (2002) - Census of Agriculture, 2002: Provincial statistics: KwaZulu-Natal.
Report No. 11-02-07 (2002) - Census of Agriculture, 2002: Provincial statistics: North West.
Report No. 11-02-08 (2002) - Census of Agriculture, 2002: Provincial statistics: Gauteng.
Report No. 11-02-09 (2002) - Census of Agriculture, 2002: Provincial statistics: Mpumalanga.
Report No. 11-02-10 (2002) - Census of Agriculture, 2002: Provincial statistics: Limpopo.

Unpublished data **9** In some cases Stats SA can also make available statistics which are not published. This information can be made available as computer printouts or on compact disc. Generally, a charge is levied for providing unpublished statistics.

Symbols and abbreviations **10**

Stats SA	Statistics South Africa
No.	Number
GDP	Gross domestic product
TBVC	Transkei, Bophuthatswana, Venda and Ciskei
Kg	Kilogram
SARS	South African Revenue Service

Rounding-off of figures **11** The figures in the tables have, where necessary, been rounded off to the nearest final digit shown. There may therefore be slight discrepancies between the sums of the constituent items of the totals shown.

Blank spaces **12** Blank spaces in the detail tables indicate that the figures are nil, not available or not significant to publish.

Next census **13** The next agricultural census is planned for 2012, and results should be available in 2014.

Glossary

Farmer **1** A farmer is the individual, partnership, close corporation, company, or other enterprise that operates a farming unit for their own account; or the manager, foreman or other person to whom the control of the farming unit was entrusted.

Farming unit **2** A farming unit means any unit on which one or more of the following farming operations are carried out for commercial purposes:

- The cultivation in the open air or under cover of field crops, fruit, grapes, nuts, seed bulbs, vegetable plants or flowers;
- The operation of tea, coffee and sugar plantations;
- The breeding of livestock, poultry, game or other animals, including freshwater fish, furred animals and trade in livestock; and/or
- The production of milk, wool, fur, eggs or honey.

Gross farming income **3** Includes income earned from agricultural products sold, but excludes other income generated outside farming. In this report, agricultural products are divided into field crops, horticultural products, animals and animal products, and all other products.

- '*Field crops*' include cereals, oil seeds, fodder crops, etc.
- '*Horticultural products*' include vegetables, fruits, nuts, flowers, etc.
- '*Animals*' include livestock, poultry, game, aquaculture and all other animals.
- '*Animal products*' include milk, eggs, wool, etc.
- '*All other products*' include aquaculture, forestry products, and other products etc.