



National Agricultural
Marketing Council
Promoting market access for South African agriculture

The NAMC, Maize Trust, Oil and Protein Seeds Development Trust, Sorghum Trust and Winter Cereal Trust jointly fund the Grain and Oilseeds Supply & Demand Estimates (S&DE) initiative.

South African Supply and Demand Estimates December 2019 Report

GRAIN & OILSEEDS SUPPLY & DEMAND ESTIMATES COMMITTEE (S&DEC)

SASDE – 79th meeting, 14th of January 2020

THE SOUTH AFRICAN SUPPLY AND DEMAND PROJECTIONS FOR GRAINS AND OILSEEDS FOR
December 2019 ARE AS FOLLOWS:

WHITE MAIZE (2019/20 Season)

Supply: The total supply of white maize is projected at 7 226 340 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 May 2019) of 1 798 998 tons and local commercial deliveries of 5 378 240 tons. No whole white maize imports are estimated for the current season, with net early deliveries of 34 102 tons and a surplus of 15 000 tons.

Demand: The total demand (domestic plus exports) for white maize is projected at 6 124 000 tons. The total domestic demand is projected at 5 369 000 tons. This includes 4 670 000 tons processed for human consumption, 650 000 tons processed for animal and industrial consumption, 11 000 tons for gristing, 15 000 tons withdrawn by producers, 19 000 tons released to end-consumers and a balancing figure of 4 000 tons (net receipts and net dispatches). A projected export quantity of 95 000 tons of processed products and 660 000 tons of white whole maize is estimated for exports for the 2019/20 marketing season.

(Please note: When utilizing 45 days' stock as a proxy, there is potential for 1 100 000 tons of white maize available for exports for the 2019/20 marketing season. The S&DEC take cognizance of the maize requirements for neighbouring countries).

Stock levels: The projected closing stock level at 30 April 2020 is estimated at 1 102 340 tons. At an average processed quantity of 444 250 tons per month, this represent available stock levels for 2.5 months or 75 days.

YELLOW MAIZE (2019/20 Season)

Supply: The total supply of yellow maize is projected at 6 791 653 tons for the 2019/20 marketing season. This includes an opening stock (at 1 May 2019) of 864 088 tons and local commercial deliveries of 5 369 610 tons. Yellow maize imports of 525 000 tons are estimated for the current season, early deliveries of 18 955 tons and a surplus of 14 000 tons.

Demand: The total demand (domestic plus exports) for yellow maize is projected at 6 221 500 tons. The total domestic demand is projected at 5 741 500 tons. This includes 580 000 tons processed for human consumption, 5 000 000 tons processed for animal and industrial consumption, 11 500 tons for gristing, 40 000 tons withdrawn by producers, 100 000 tons released to end-consumers and a balancing figure of 10 000 tons (net receipts and net dispatches). A projected export quantity of 130 000 tons of processed products and 350 000 tons of yellow whole maize is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 30 April 2020 is estimated at 570 153 tons. At an average processed quantity of 465 958 tons per month, this represent available stock levels for 1.2 months or 37 days.

TOTAL MAIZE (2019/20 Season)

Supply: The total supply of maize is projected at 14 017 993 tons for the 2019/20 marketing season. This includes an opening stock (at 1 May 2019) of 2 663 086 tons and local commercial deliveries of 10 747 850 tons. Whole maize imports of 525 000 tons are estimated, with early deliveries of 53 057 tons and a surplus of 29 000 tons.

Demand: The total demand (domestic plus exports) for maize is projected at 12 345 500 tons. The total domestic demand is projected at 11 110 500 tons. This includes 5 250 000 tons processed for human consumption, 5 650 000 tons processed for animal and industrial consumption, 22 500 tons for gristing, 55 000 tons withdrawn by producers, 119 000 tons released to end-consumers and a balancing figure of 14 000 tons (net receipts and net dispatches). A projected export quantity of 225 000 tons of processed products and 1 010 000 tons of total whole maize is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 30 April 2020 is estimated at 1 672 493 tons. At an average processed quantity of 910 208 tons per month, this represents available stock levels for 1.8 months or 56 days.

See Appendix 1 for detailed S&D table. An explanation of terms and calculations is available on the NAMC website (<http://www.namc.co.za>).

SWEET SORGHUM (2019/20 Season)

Supply: The total supply of sweet sorghum is projected at 174 629 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 March 2019) of 34 954 tons, local commercial deliveries of 90 175 tons, imports of 48 500 tons for South Africa and a sweet sorghum surplus of 1 000 tons.

Demand: The total demand (domestic plus exports) for sweet sorghum is projected at 134 700 tons. This includes 500 tons for indoor malting, 18 000 tons for floor malting, 100 000 tons for meal, rice and grits, 8 700 tons for feed, 800 tons withdrawn by producers, 700 tons released to end consumers, and a balancing figure of 500 tons (net receipts and net dispatches). A projected export quantity of 5 500 tons of sweet sorghum is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 28 February 2020 is estimated at 39 929 tons. At an average processed quantity of 10 600 tons per month, this represent available stock levels for 3.8 months or 115 days.

BITTER SORGHUM (2019/20 Season)

Supply: The total supply of bitter sorghum is projected 57 306 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 March 2019) of 16 906 tons, local commercial deliveries of 40 200 tons, no bitter sorghum imports and a surplus of 200 tons for South Africa.

Demand: The total demand (domestic plus exports) for bitter sorghum is projected at 49 265 tons. This includes 9 600 tons for indoor malting, 34 000 tons for floor malting, 2 500 tons for meal, rice and grits, 1 055 tons for feed, 400 tons withdrawn by producers, 60 tons released to end consumers, a balancing figure of 150 tons (net receipts and net dispatches), and a zero deficit. A projected export quantity of 1 500 tons of bitter sorghum is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 28 February 2020 is estimated at 8 041 tons. At an average processed quantity of 3 930 tons per month, this represent available stock levels for 2 months or 62 days.

TOTAL SORGHUM (2019/20 Season)

Supply: The total supply of sorghum is projected at 231 935 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 March 2019) of 51 860 tons, local commercial deliveries of 130 375 tons, sorghum imports of 48 500 tons for South Africa with a surplus of 1 200 tons.

Demand: The total demand (domestic plus exports) for sorghum is projected at 183 965 tons. This includes 10 100 tons for indoor malting, 52 000 tons for floor malting, 102 500 tons for meal, rice and grits, 9 755 tons for feed, 1 200 tons withdrawn by producers, 760 tons released to end consumers, a balancing figure of 650 tons (net receipts and net dispatches), and a zero deficit. A projected export quantity of 7 000 tons of total sorghum is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 28 February 2020 is estimated at 47 970 tons. At an average processed quantity of 14 530 tons per month, this represent available stock levels for 3.3 months or 100 days.

See Appendix 2 for detailed S&D table.

WHEAT (2019/20 Season)

Supply: The total supply of wheat is projected at 3 860 579 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 October 2019) of 539 079 tons, local commercial deliveries of

1 563 500 tons, whole wheat imports estimated for South Africa of 1 750 000 tons and a surplus of 8 000 tons.

Demand: The total demand (domestic plus exports) for wheat is projected at 3 395 300 tons. This includes 3 270 000 tons processed for human consumption, 3 000 tons processed for animal consumption, 1 000 tons withdrawn by producers, 2 100 tons released to end consumers, 20 000 tons projected seed for planting purposes and a balancing figure of 4 200 tons (net receipts and net dispatches). A projected export quantity of 15 000 tons processed products and 80 000 tons whole wheat is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 30 September 2020 is estimated at 465 279 tons. At an average processed quantity of 272 750 tons per month, this represent available stock levels for 1.7 months or 52 days.

See Appendix 3 for detailed S&D table.

SUNFLOWER SEED (2019/20 Season)

Supply: The total supply of sunflower seed is projected at 805 605 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 March 2019) of 120 165 tons, local commercial deliveries of 680 940 tons, sunflower seed imports of 500 tons for South Africa and a surplus of 4 000 tons.

Demand: The total demand (domestic plus exports) for sunflower seed is projected at 714 300 tons. This includes 1 550 tons processed for human consumption, 5 800 tons processed for animal consumption, 700 000 tons for crush (oil and oilcake), 750 tons withdrawn by producers, 1 100 tons released to end consumers, 3 000 tons seed for planting purposes and a balancing figure of 1 500 tons (net receipts and net dispatches). A quantity of 600 tons is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 28 February 2020 is estimated at 91 305 tons. At an average processed quantity of 58 946 tons per month, this represents available stock levels for 1.5 months or 47 days.

See Appendix 4 for detailed S&D table.

SOYBEANS (2019/20 Season)

Supply: The total supply of soybeans is projected at 1 655 086 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 March 2019) of 502 241 tons, local commercial deliveries of 1 140 345 tons, soybean import of 9 500 tons for South Africa and a surplus of 3 000 tons.

Demand: The total demand (domestic plus exports) for soybeans is projected at 1 453 950 tons. This includes 25 000 tons processed for human consumption, 205 000 tons processed for animal (full fat) consumption, 1 210 000 tons for crush (oil and oilcake), 750 tons withdrawn by producers, 450 tons released to end consumers, 8 000 tons seed for planting purposes, and a balancing figure of 750 tons (net receipts and net dispatches). A quantity of 4 000 tons soybeans is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 28 February 2020 is estimated at 201 136 tons. At an average processed quantity of 120 000 tons per month, this represents available stock levels for 1.7 months or 51 days.

See Appendix 5 for detailed S&D table.

PLEASE NOTE: The January 2020 SASDE Report will be released on the **31st of January 2020.**

Appendix 1: Detailed S & D table for White, Yellow and Total Maize - December 2019

		White Maize		Yellow Maize		Total Maize	
	Marketing season	Final for 2018/19	Projection for 2019/20	Final for 2018/19	Projection for 2019/20	Final for 2018/19	Projection for 2019/20
		tons	tons	tons	tons	tons	tons
1	CEC (Crop Estimate)	6,540,000	5 538 240	5,970,000	5 719 610	12,510,000	11 257 850
2	CEC (Retention)	0	160 000	0	350 000	0	510 000
3	Min: Early deliveries for current season (March + April)*	0	85 898	0	181 045	0	266 943
4	Plus: Early deliveries for next season (March + April)*	0	120 000	0	200 000	0	320 000
5	Available for the commercial market	6,540,000	5 412 342	5,970,000	5 388 565	12,510,000	10 800 907
6 SUPPLY							
7	Opening stock (1 May)	2,428,653	1 798 998	1,260,823	864 088	3,689,476	2 663 086
8	Producer deliveries	6,308,941	5 378 240	5,674,911	5 369 610	11,983,852	10 747 850
9	Imports for South Africa	0	0	171,622	525 000	171,622	525 000
10	Early deliveries (Net)	0	34 102	0	18 955	0	53 057
11	Surplus	1,403	15 000	20,770	14 000	22,173	29 000
12	Total Supply	8,738,997	7 226 340	7,128,126	6 791 653	15,867,123	14 017 993
13 DEMAND							
14	Processed for the local market	6,283,320	5 331 000	4,407,657	5 591 500	10,690,977	10 922 500
15	- human	4,594,123	4 670 000	566,649	580 000	5,160,772	5 250 000

		White Maize		Yellow Maize		Total Maize	
	Marketing season	Final for 2018/19	Projection for 2019/20	Final for 2018/19	Projection for 2019/20	Final for 2018/19	Projection for 2019/20
		tons	tons	tons	tons	tons	tons
16	- animal and industrial	1 677 236	650 000	3 829 944	5 000 000	5 507 180	5 650 000
17	- gristing	11 961	11 000	11 064	11 500	23 025	22 500
18	Withdrawn by prod	12 844	15 000	51 420	40 000	64 264	55 000
19	Released to end-cons	22 946	19 000	128 697	100 000	151 643	119 000
20	Net receipts(-)/disp(+)	4 238	4 000	8 857	10 000	13 095	14 000
21	Deficit	0	0	0	0	0	0
22	Local demand	6 323 348	5 369 000	4 596 631	5 741 500	10 919 979	11 110 500
23	Exports	616 651	755 000	1 667 407	480 000	2 284 058	1 235 000
24	- products	72 280	95 000	141 312	130 000	213 592	225 000
25	- whole maize	544 371	660 000	1 526 095	350 000	2 070 466	1 010 000
26	Total Demand	6 939 999	6 124 000	6 264 038	6 221 500	13 204 037	12 345 500
27	Closing Stock (30 Apr)	1 798 998	1 102 340	864 088	570 153	2 663 086	1 672 493
28	- processed p/month	523 610	444 250	367 305	465 958	890 915	910 208
29	- months' stock	3,4	2,5	2,4	1,2	3,0	1,8
30	- days' stock	105	75	72	37	91	56

**For the current marketing season early deliveries of maize which occurred during January and February 2019, are included in the 2019/20 seasons' estimate (as per CEC estimates).*

Appendix 2: Detailed S & D table for Sorghum - December 2019

		Sweet Sorghum		Bitter Sorghum		Total Sorghum	
	Marketing season	Final for 2018/19	Projection for 2019/20	Final for 2018/19	Projection for 2019/20	Final for 2018/19	Projection for 2019/20
		tons	tons	tons	tons	tons	tons
1	CEC (Crop Estimate)	65 150	90 575	49 850	40 300	115 000	130 875
2	CEC Retentions	300	400	150	100	450	500
3	Available for the commercial market	64 850	90 175	49 700	40 200	114 550	130 375
4	SUPPLY						
5	Opening stock (1 Mch)	31 211	34 954	28 035	16 906	59 246	51 860
6	Prod deliveries	64 887	90 175	50 507	40 200	115 394	130 375
7	Imports for South Africa	43 620	48 500	2 119	0	45 739	48 500
8	Surplus	2 955	1 000	0	200	2 955	1 200
9	Total Supply	142 673	174 629	80 661	57 306	223 334	231 935
10	DEMAND						
11	Processed	99 131	127 200	55 613	47 155	154 744	174 355
12	- Indoor malting	618	500	9 121	9 600	9 739	10 100
13	- Floor malting	10 569	18 000	36 044	34 000	46 613	52 000
14	- Meal, rice & grits	79 316	100 000	8 399	2 500	87 715	102 500
15	- Pet food	850	700	0	5	850	705
16	- Poultry feed	5 615	6 100	985	800	6 600	6 900
17	- Livestock feed	2 163	1 900	1 064	250	3 227	2 150

		Sweet Sorghum		Bitter Sorghum		Total Sorghum	
	Marketing season	Final for 2018/19	Projection for 2019/20	Final for 2018/19	Projection for 2019/20	Final for 2018/19	Projection for 2019/20
		tons	tons	tons	tons	tons	tons
18	Bio-fuel	0	0	0	0	0	0
19	Withdrawn by prod	644	800	388	400	1 032	1 200
20	Released to end-cons	740	700	26	60	766	760
21	Net receipts(-)/disp(+)	383	500	500	150	883	650
22	Deficit	0	0	4 567	0	4 567	0
23	Exports	6 821	5 500	2 661	1 500	9 482	7 000
24	Total Demand	107 719	134 700	63 755	49 265	171 474	183 965
25	Ending Stock (28/29 Feb)	34 954	39 929	16 906	8 041	51 860	47 970
26	- processed p/month	8 261	10 600	4 634	3 930	12 895	14 530
27	- months' stock	4,2	3,8	3,6	2,0	4,0	3,3
28	- days' stock	129	115	111	62	122	100

Appendix 3: Detailed S & D table for Wheat - December 2019

		Wheat	
	Marketing season	Final for 2018/19	Projection for 2019/20
		tons	tons
1	CEC (Crop Estimate)	1 868 000	1 598 500
2	CEC (Retention)	33 000	35 000

3	SUPPLY		
4	Opening stock (1 Oct)	721 534	539 079
5	Prod deliveries	1 847 171	1 563 500
6	Imports for South Africa	1 368 097	1 750 000
7	Surplus	11 994	8 000
8	Total Supply	3 948 796	3 860 579

9	DEMAND		
10	Processed	3 254 656	3 273 000
11	- human	3 251 410	3 270 000
12	- animal	3 246	3 000
13	- gristing	0	0
14	Withdrawn by producers	941	1 000
15	Released to end-consumers	2 186	2 100
16	Seed for planting purposes	19 222	20 000
17	Net receipts(-)/disp(+)	3 523	4 200
18	Deficit	0	0
19	Exports	129 189	95 000
20	- products	20 932	15 000
21	- whole wheat	108 257	80 000
22	Total Demand	3 409 717	3 395 300

23	Closing Stock (30 Sep)	539 079	465 279
24	- processed p/month	271 221	272 750
25	- months' stock	2,0	1,7
26	- days' stock	60	52

Appendix 4: Detailed S & D table for Sunflower Seed - December 2019

		Sunflower Seed	
	Marketing season	Final for 2018/19	Projection for 2019/20
		tons	tons
1	CEC (Crop Estimate)	862 000	680 940
2	SUPPLY		
3	Opening stock (1 Mch)	154 841	120 165
4	Prod deliveries	863 184	680 940
5	Imports for South Africa	1 324	500
6	Surplus	6 863	4 000
7	Total Supply	1 026 212	805 605
8	DEMAND		
9	Processed	900 045	707 350
10	- human	1 609	1 550
11	- animal	5 114	5 800
12	- crush (oil & oilcake)	893 322	700 000
13	Withdrawn by producers	519	750
14	Released to end-consumers	1 764	1 100
15	Seed for planting purposes	3 582	3 000
16	Net receipts(-)/disp(+)	-378	1 500
17	Deficit	0	0
18	Exports	515	600
19	Total Demand	906 047	714 300
20	Ending Stock (28/29 Feb)	120 165	91 305
21	- processed p/month	75 004	58 946
22	- months' stock	1,6	1,5
23	- days' stock	49	47

Appendix 5: Detailed S & D table for Soybeans – December 2019

		Soybeans	
	Marketing season	Final for 2018/19	Projection for 2019/20
		tons	tons
1	CEC (Crop Estimate)	1 540 000	1 170 345
2	Retention	0	30 000
3	SUPPLY		
4	Opening stock (1 Mch)	330 535	502 241
5	Prod deliveries	1 502 976	1 140 345
6	Imports for South Africa	6 945	9 500
7	Surplus	4 497	3 000
8	Total Supply	1 844 953	1 655 086
9	DEMAND		
10	Processed	1 298 544	1 440 000
11	- human	25 005	25 000
12	- animal feed (full fat soya)	218 973	205 000
13	- crush (oil/oilcake)	1 054 566	1 210 000
14	Withdrawn by producers	567	750
15	Released to end-consumers	431	450
16	Seed for planting purposes	10 599	8 000
17	Net receipts(-)/disp(+)	-239	750
18	Deficit	0	0
19	Exports	32 810	4 000
20	Total Demand	1 342 712	1 453 950
21	Closing Stock (28/29 Feb)	502 241	201 136
22	- processed p/month	108 212	120 000
23	- months' stock	4,6	1,7
24	- days stock	141	51

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Compiled by the South African Grain & Oilseeds Supply & Demand Estimates Committee

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