



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 November 2018 Report

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

SASDE – 66th meeting held on the 30th of November 2018

THE SOUTH AFRICAN SUPPLY AND DEMAND PROJECTIONS FOR GRAINS AND OILSEEDS FOR
NOVEMBER 2018 ARE AS FOLLOWS:

WHITE MAIZE (2018/19 Season)

Supply: The total supply of white maize is projected at 9 122 844 tons for the 2018/19 marketing season. This includes an opening stock level (at 1 May 2018) of 2 428 653 tons and local commercial deliveries of 6 601 560 tons. No whole white maize imports are estimated for the current season, with early deliveries of 82 631 tons and a surplus of 10 000 tons.

Demand: The total demand (domestic plus exports) for white maize is projected at 7 387 000 tons. The total domestic demand is projected at 6 869 000 tons. This includes 4 650 000 tons processed for human consumption, 2 150 000 tons processed for animal and industrial consumption, 12 000 tons for gristing, 20 000 tons withdrawn by producers, 32 000 tons released to end-consumers and a balancing figure of 5 000 tons (net receipts and net dispatches). A projected export quantity of 68 000 tons of processed products and 450 000 tons of white whole maize are estimated for exports for the 2018/19 marketing season.

(Please note: When utilizing 45 days' stock as a proxy, there is potential for 1 340 000 tons of white maize available for exports, for the 2018/19 marketing season).

Stock levels: The projected closing stock level at 30 April 2019 is estimated at 1 735 844 tons. At an average processed quantity of 567 667 tons per month, this represent available stock levels for 3.1 months or 93 days.

YELLOW MAIZE (2018/19 Season)

Supply: The total supply of yellow maize is projected at 7 277 925 tons for the 2018/19 marketing season. This includes an opening stock (at 1 May 2018) of 1 260 823 tons and local commercial deliveries of 5 779 650 tons. No yellow maize imports are estimated for the current season, with early deliveries of 227 452 tons and a surplus of 10 000 tons.

Demand: The total demand (domestic plus exports) for yellow maize is projected at 5 619 000 tons. The total domestic demand is projected at 3 979 000 tons. This includes 550 000 tons processed for human consumption, 3 200 000 tons processed for animal and industrial consumption, 12 000 tons for gristing, 55 000 tons withdrawn by producers, 150 000 tons released to end-consumers and a balancing figure of 12 000 tons (net receipts and net dispatches). A projected export quantity of 140 000 tons of processed products and 1 500 000 tons of yellow whole maize are estimated for exports for the 2018/19 marketing season.

(Please note: When utilizing 45 days' stock as a proxy, there is potential for 2 690 000 tons of yellow maize available for exports, for the 2018/19 marketing season).

Stock levels: The projected closing stock level at 30 April 2019 is estimated at 1 658 925 tons. At an average processed quantity of 313 500 tons per month, this represent available stock levels for 5.3 months or 161 days.

TOTAL MAIZE (2018/19 Season)

Supply: The total supply of maize is projected at 16 400 769 tons for the 2018/19 marketing season. This includes an opening stock (at 1 May 2018) of 3 689 476 tons and local commercial deliveries of 12 381 210 tons. No whole maize imports are estimated, with early deliveries of 310 083 tons and a surplus of 20 000 tons.

Demand: The total demand (domestic plus exports) for maize is projected at 13 006 000 tons. The total domestic demand is projected at 10 848 000 tons. This includes 5 200 000 tons processed for human consumption, 5 350 000 tons processed for animal and industrial consumption, 24 000 tons for gristing, 75 000 tons withdrawn by producers, 182 000 tons released to end-consumers and a balancing figure of 17 000 tons (net receipts and net dispatches). A projected export quantity of 208 000 tons of processed products and 1 950 000 tons of total whole maize is estimated for exports for the 2018/19 marketing season.

(Please note: When utilizing 45 days' stock as a proxy, there is potential for 4 030 000 tons of total maize available for exports, for the 2018/19 marketing season).

Stock levels: The projected closing stock level at 30 April 2019 is estimated at 3 394 769 tons. At an average processed quantity of 881 167 tons per month, this represents available stock levels for 3.9 months or 117 days.

PLEASE NOTE:

The current maize deliveries, as reported by SAGIS, compared to the tempo of previous years deliveries indicate that the maize crop might be overestimated. The next time that the CELC meet to consider adjustments to the final crop estimate is in February 2019. Hence, the S&DEC decided to add an additional comment in case the final crop is actually lower than the current CEC estimate. Based on deliveries recorded by SAGIS, the crop estimate for white maize might be overestimated by approximately 100 000 tons and yellow maize by 150 000 tons. If this realizes, the following ending stocks will be available:

White maize:

- Closing stock: 1 635 844 tons.
- Available stock levels for 2.9 months or
- 88 days.

Yellow maize:

- Closing stock 1 508 925 tons
- Available stock levels for 4.8 months or
- 146 days.

Total maize:

- Closing stock 3 144 769 tons.
- Available stock levels for 3.6 months or
- 109 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 (2018/19 Season)

Supply: The total supply of sweet sorghum is projected at 122 336 tons for the 2018/19 marketing season. This includes an opening stock level (at 1 March 2018) of 31 211 tons, local commercial deliveries of 59 625 tons, 30 000 tons sweet sorghum imports for South Africa and a sweet sorghum surplus of 1 500 tons.

Demand: The total demand (domestic plus exports) for sweet sorghum is projected at 109 400 tons. This includes 1 300 tons for indoor malting, 11 000 tons for floor malting, 82 000 tons for meal, rice and grits, 8 000 tons for feed, 500 tons withdrawn by producers, 1 000 tons released to end consumers, and a balancing figure of 600 tons (net receipts and net dispatches). A projected export quantity of 5 000 tons of sweet sorghum is estimated for exports for the 2018/19 marketing season.

Stock levels: The projected closing stock level at 28 February 2019 is estimated at 12 936 tons. At an average processed quantity of 8 525 tons per month, this represent available stock levels for 1.5 months or 46 days.

BITTER SORGHUM (2018/19 Season)

Supply: The total supply of bitter sorghum is projected 78 965 tons for the 2018/19 marketing season. This includes an opening stock level (at 1 March 2018) of 28 035 tons, local commercial deliveries of 48 730 tons, bitter sorghum imports of 2 200 tons for South Africa with no surplus.

Demand: The total demand (domestic plus exports) for bitter sorghum is projected at 64 300 tons. This includes 10 500 tons for indoor malting, 35 000 tons for floor malting, 12 000 tons for meal, rice and grits, 1 700 tons for feed, 500 tons withdrawn by producers, 200 tons released to end consumers, a balancing figure of 200 tons (net receipts and net dispatches) with a deficit of 2 000 tons. A projected export quantity of 2 200 tons of bitter sorghum is estimated for exports for the 2018/19 marketing season.

Stock levels: The projected closing stock level at 28 February 2019 is estimated at 14 665 tons. At an average processed quantity of 4 933 tons per month, this represent available stock levels for 3.0 months or 90 days.

TOTAL SORGHUM (2018/19 Season)

Supply: The total supply of sorghum is projected at 201 301 tons for the 2018/19 marketing season. This includes an opening stock level (at 1 March 2018) of 59 246 tons, local commercial deliveries of 108 355 tons, 32 200 tons sorghum imports for South Africa and a surplus of 1 500 tons.

Demand: The total demand (domestic plus exports) for sorghum is projected at 173 700 tons. This includes 11 800 tons for indoor malting, 46 000 tons for floor malting, 94 000 tons for meal, rice and grits, 9 700 tons for feed, 1 000 tons withdrawn by producers, 1 200 tons released to end consumers, a balancing figure of 800 tons (net receipts and net dispatches) and a deficit of 2 000 tons. A projected export quantity of 7 200 tons of sorghum is estimated for exports for the 2018/19 marketing season.

Stock levels: The projected closing stock level at 28 February 2019 is estimated at 27 601 tons. At an average processed quantity of 13 458 tons per month, this represent available stock levels for 2.1 months or 62 days.

See Appendix 2 for detailed S&D table.

WHEAT (2018/19 Season)

Supply: The total supply of wheat is projected at 3 956 934 tons for the 2018/19 marketing season. This includes an opening stock level (at 1 October 2018) of 721 534 tons, local commercial deliveries of 1 827 400 tons, whole wheat imports estimated for South Africa of 1 400 000 tons and a surplus of 8 000 tons.

Demand: The total demand (domestic plus exports) for wheat is projected at 3 357 100 tons. This includes 3 210 000 tons processed for human consumption, 3 000 tons processed for animal consumption, 1 300 tons withdrawn by producers, 1 800 tons released to end consumers, 19 000 tons projected seed for planting purposes and a balancing figure of 5 000 tons (net receipts and net dispatches). A projected export quantity of 37 000 tons processed products and 80 000 tons whole wheat are estimated for the 2018/19 marketing season.

Stock levels: The projected closing stock level at 30 September 2019 is estimated at 599 834 tons. At an average processed quantity of 267 750 tons per month, this represent available stock levels for 2.2 months or 68 days.

See Appendix 3 for detailed S&D table.

SUNFLOWER SEED (2018/19 Season)

Supply: The total supply of sunflower seed is projected at 1 022 646 tons for the 2018/19 marketing season. This includes an opening stock level (at 1 March 2018) of 154 841 tons, local commercial deliveries of 858 605 tons, sunflower seed imports of 1 200 tons for South Africa and a surplus of 8 000 tons.

Demand: The total demand (domestic plus exports) for sunflower seed is projected at 944 050 tons. This includes 1 550 tons processed for human consumption, 4 500 tons processed for animal consumption, 930 000 tons for crush (oil and oilcake), 650 tons withdrawn by producers, 2 200 tons released to end consumers, 2 800 tons seed for planting purposes and a balancing figure of 2 000 tons (net receipts and net dispatches). A quantity of 350 tons for exports is estimated for exports for the 2018/19 marketing season.

Stock levels: The projected closing stock level at 28 February 2019 is estimated at 78 596 tons. At an average processed quantity of 78 004 tons per month, this represent available stock levels for 1 months or 31 days.

See Appendix 4 for detailed S&D table.

SOYBEANS (2018/19 Season)

Supply: The total supply of soybeans is projected at 1 864 335 tons for the 2018/19 marketing season. This includes an opening stock level (at 1 March 2018) of 330 535 tons, local commercial deliveries of 1 520 800 tons, soybean import of 6 000 tons for South Africa and a surplus of 7 000 tons.

Demand: The total demand (domestic plus exports) for soybeans is projected at 1 272 270 tons. This includes 25 000 tons processed for human consumption, 210 000 tons processed for animal (full fat) consumption, 1 000 000 tons for crush (oil and oilcake), 1 000 tons withdrawn by producers, 1 000 tons released to end consumers, 9 770 tons seed for planting purposes, and a balancing figure of 500 tons (net receipts and net dispatches). A quantity of 25 000 tons soybeans is estimated for exports for the 2018/19 marketing season.

(Please note: When utilizing 45 days' stock as a proxy, there is potential for 465 000 tons of soybeans available for exports, for the 2018/19 marketing season).

Stock levels: The projected closing stock level at 28 February 2019 is estimated at 592 065 tons. At an average processed quantity of 102 917 tons per month, this represent available stock levels for 5.8 months or 175 days.

See Appendix 5 for detailed S&D table.

PLEASE NOTE: The December 2018 SASDE Report will be released on the 14th of January 2019.

Appendix 1: Detailed S & D table for White, Yellow and Total Maize: November 2018

		White Maize	White Maize	Yellow Maize	Yellow Maize	Total Maize	Total Maize
	Marketing season	Final for 2017/18	Projection for 2018/19	Final for 2017/18	Projection for 2018/19	Final for 2017/18	Projection for 2018/19
		tons	tons	tons	Tons	tons	tons
1	CEC (Crop Estimate)	9,916,000	6,801,560	6,904,000	6,129,650	16,820,000	12,931,210
2	CEC (Retention)	0	200,000	0	350,000	0	550,000
3	Min: Early deliveries for current season (March + April)**	0	117,369	0	122,548	0	239,917
4	Plus: Early deliveries for next season (March + April)**	0	200,000	0	350,000	0	550,000
5	Available for the commercial market	9,916,000	6,684,191	6,904,000	6,007,102	16,820,000	12,691,293
6	SUPPLY						
7	Opening stock (1 May)	597,837	2,428,653	496,801	1,260,823	1,094,638	3,689,476
8	Producer deliveries	9,268,593	6,601,560	6,360,089	5,779,650	15,628,682	12,381,210
9	Imports for South Africa	0	0	0	0	0	0
10	Early deliveries (Net)*	0	82,631	0	227,452	0	310,083
11	Surplus	21,751	10,000	24,906	10,000	46,657	20,000
12	Total Supply	9,888,181	9,122,844	6,881,796	7,277,925	16,769,977	16,400,769
13	DEMAND						
14	Processed for the local market	6,533,966	6,812,000	3,765,714	3,762,000	10,299,680	10,574,000

		White Maize	White Maize	Yellow Maize	Yellow Maize	Total Maize	Total Maize
	Marketing season	Final for 2017/18	Projection for 2018/19	Final for 2017/18	Projection for 2018/19	Final for 2017/18	Projection for 2018/19
		tons	tons	tons	Tons	tons	tons
15	- human	4,459,504	4,650,000	533,972	550,000	4,993,476	5,200,000
16	- animal and industrial	2,061,649	2,150,000	3,214,798	3,200,000	5,276,447	5,350,000
17	- gristing	12,813	12,000	16,944	12,000	29,757	24,000
18	Withdrawn by prod	35,885	20,000	67,021	55,000	102,906	75,000
19	Released to end-cons	30,125	32,000	150,419	150,000	180,544	182,000
20	Net receipts(-)/disp(+)	7,583	5,000	8,080	12,000	15,663	17,000
21	Deficit	0	0	0	0	0	0
22	Local demand	6,607,559	6,869,000	3,991,234	3,979,000	10,598,793	10,848,000
23	Exports	851,969	518,000	1,629,739	1,640,000	2,481,708	2,158,000
24	- products	42,038	68,000	150,836	140,000	192,874	208,000
25	- whole maize	809,931	450,000	1,478,903	1,500,000	2,288,834	1,950,000
26	Total Demand	7,459,528	7,387,000	5,620,973	5,619,000	13,080,501	13,006,000
27	Closing Stock (30 Apr)	2,428,653	1,735,844	1,260,823	1,658,925	3,689,476	3,394,769
28	- processed p/month	544,497	567,667	313,810	313,500	858,307	881,167
29	- months' stock	4.5	3.1	4.0	5.3	4.3	3.9
30	- days' stock	136	93	122	161	131	117

*Early deliveries (Net) = Early deliveries for next season (March + April) minus early deliveries for current season (March + April). The actual final closing stock at the end of April is determined by the early deliveries realised in March & April.

**For the current marketing season, early deliveries of maize which occurred during January and February 2018, are included in the 2017/18 seasons' estimate (as per CEC estimates).

Appendix 2: Detailed S & D table for Sweet, Bitter and Total Sorghum: November 2018

		Sweet Sorghum	Sweet Sorghum	Bitter Sorghum	Bitter Sorghum	Total Sorghum	Total Sorghum
	Marketing season	Final for 2017/18	Projection for 2018/19	Final for 2017/18	Projection for 2018/19	Final for 2017/18	Projection for 2018/19
		tons	tons	tons	Tons	tons	tons
1	CEC (Crop Estimate)	98,000	60,625	54,000	49,230	152,000	109,855
2	CEC Retentions	2,100	1,000	400	500	2,500	1,500
3	Available for the commercial market	95,900	59,625	53,600	48,730	149,500	108,355
4	SUPPLY						
5	Opening stock (1 Mch)	31,836	31,211	3,402	28,035	35,238	59,246
6	Prod deliveries	97,405	59,625	53,562	48,730	150,967	108,355
7	Imports for South Africa	55,824	30,000	0	2,200	55,824	32,200
8	Surplus	0	1,500	0	0	0	1,500
9	Total Supply	185,065	122,336	56,964	78,965	242,029	201,301
10	DEMAND						
11	Processed	134,912	102,300	26,510	59,200	161,422	161,500
12	- Indoor malting	3,792	1,300	7,612	10,500	11,404	11,800
13	- Floor malting	31,699	11,000	17,010	35,000	48,709	46,000
14	- Meal, rice & grits	92,089	82,000	630	12,000	92,719	94,000
15	- Pet Food	818	1,000	0	0	818	1,000
16	- Poultry feed	3,799	5,000	550	800	4,349	5,800

		Sweet Sorghum	Sweet Sorghum
	Marketing season	Final for 2017/18	Projection for 2018/19
		tons	tons
17	- Livestock feed	2,715	2,000
18	Bio-fuel	0	0
19	Withdrawn by prod	1,523	500
20	Released to end-cons	1,273	1,000
21	Net receipts(-)/disp(+)	154	600
22	Deficit	4,345	0
23	Exports	11,647	5,000
24	Total Demand	153,854	109,400

	Bitter Sorghum	Bitter Sorghum
	Final for 2017/18	Projection for 2018/19
	tons	Tons
	708	900
	0	0
	847	500
	209	200
	-60	200
	-529	2,000
	1,952	2,200
	28,929	64,300

	Total Sorghum	Total Sorghum
	Final for 2017/18	Projection for 2018/19
	tons	tons
	3,423	2,900
	0	0
	2,370	1,000
	1,482	1,200
	94	800
	3,816	2,000
	13,599	7,200
	182,783	173,700

25	Ending Stock (28/29 Feb)	31,211	12,936
26	- processed p/month	11,243	8,525
27	- months' stock	2.8	1.5
28	- days' stock	84	46

	28,035	14,665
	2,209	4,933
	12.7	3.0
	386	90

	59,246	27,601
	13,452	13,458
	4.4	2.1
	134	62

Appendix 3: Detailed S & D table for Wheat: November 2018

		Wheat	Wheat
	Marketing season	Final for 2017/18	Projection for 2018/19
		tons	tons
1	CEC (Crop Estimate)	1,535,000	1,862,400
2	CEC (Retention)	30,000	35,000

3	SUPPLY		
4	Opening stock (1 Oct)	341,424	721,534
5	Prod deliveries	1,547,486	1,827,400
6	Imports for South Africa	2,175,086	1,400,000
7	Surplus	5,763	8,000
8	Total Supply	4,069,759	3,956,934

9	DEMAND		
10	Processed	3,210,734	3,213,000
11	- human	3,207,542	3,210,000
12	- animal	3,192	3,000
13	- gristing	0	0
14	Withdrawn by producers	1,102	1,300
15	Released to end-consumers	2,013	1,800
16	Seed for planting purposes	18,237	19,000
17	Net receipts(-)/disp(+)	3,457	5,000
18	Deficit	0	0
19	Exports	109,609	117,000
20	- products	34,028	37,000
21	- whole wheat	75,581	80,000
22	Total Demand	3,345,152	3,357,100

23	Closing Stock (30 Sep)	724,607	599,834
24	- processed p/month	267,561	267,750
25	- months' stock	2.7	2.2
26	- days' stock	82	68

Appendix 4: Detailed S & D table for Sunflower Seed: November 2018

		Sunflower Seed	Sunflower Seed
	Marketing season	Final for 2017/18	Projection for 2018/19
		tons	tons
1	CEC (Crop Estimate)	874,000	858,605
2	SUPPLY		
3	Opening stock (1 Mch)	163,086	154,841
4	Prod deliveries	872,171	858,605
5	Imports for South Africa	554	1,200
6	Surplus	12,173	8,000
7	Total Supply	1,047,984	1,022,646
8	DEMAND		
9	Processed	885,039	936,050
10	- human	1,487	1,550
11	- animal	5,737	4,500
12	- crush (oil and oilcake)	877,815	930,000
13	Withdrawn by producers	442	650
14	Released to end-consumers	2,592	2,200
15	Seed for planting purposes	3,026	2,800
16	Net receipts(-)/disp(+)	1,770	2,000
17	Deficit	0	0
18	Exports	274	350
19	Total Demand	893,143	944,050
20	Ending Stock (28/29 Feb)	154,841	78,596
21	- processed p/month	73,753	78,004
22	- months' stock	2.1	1.0
23	- days' stock	64	31

Appendix 5: Detailed S & D table for Soybeans: November 2018

		Soybeans	Soybeans
	Marketing season	Final for 2017/18	Projection for 2018/19
		tons	tons
1	CEC (Crop Estimate)	1,316,000	1,550,800
2	Retention	0	30,000
3	SUPPLY		
4	Opening stock (1 Mch)	84,792	330,535
5	Prod deliveries	1,290,218	1,520,800
6	Imports for South Africa	27,508	6,000
7	Surplus	2,519	7,000
8	Total Supply	1,405,037	1,864,335
9	DEMAND		
10	Processed	1,063,783	1,235,000
11	- human	25,056	25,000
12	- animal feed (full fat soya)	147,302	210,000
13	- crush (oil/oilcake)	891,425	1,000,000
14	Withdrawn by producers	1,331	1,000
15	Released to end-consumers	608	1,000
16	Seed for planting purposes	8,795	9,770
17	Net receipts(-)/disp(+)	-429	500
18	Deficit	0	0
19	Exports	414	25,000
20	Total Demand	1,074,502	1,272,270
21	Closing Stock (28/29 Feb)	330,535	592,065
22	- processed p/month	88,649	102,917
23	- months' stock	3.7	5.8
24	- days stock	113	175

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