



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 2018 Report

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

SASDE – 67th meeting held on the 14th of January 2019

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

WHITE MAIZE (2018/19 Season)

Supply: The total supply of white maize is projected at 9 072 844 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 32 631 tons and a surplus of 10 000 tons.

Demand: The total demand (domestic plus exports) for white maize is projected at 7 131 000 tons. The total domestic demand is projected at 6 563 000 tons. This includes 4 650 000 tons processed for human consumption, 1 850 000 tons processed for animal and industrial consumption, 12 000 tons for gristing, 16 000 tons withdrawn by producers, 30 000 tons released to end-consumers and a balancing figure of 5 000 tons (net receipts and net dispatches).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 500 000 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 1 635 000 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 1 941 844 tons. At an average processed quantity of 542 667 tons per month, this represent available stock levels for 3.6 months or 109 days.

YELLOW MAIZE (2018/19 Season)

Supply: The total supply of yellow maize is projected at 7 427 925 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. Yellow maize imports of 150 000 tons 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 5 902 000 tons. The total domestic demand is projected at 4 262 000 tons. This includes 550 000 tons processed for human consumption, 3 500 000 tons processed for animal and industrial consumption, 12 000 tons for gristing, 50 000 tons withdrawn by producers, 140 000 tons released to end-consumers and a balancing figure of 10 000 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 2 520 000 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 1 525 925 tons. At an average processed quantity of 338 500 tons per month, this represent available stock levels for 4.5 months or 137 days.

TOTAL MAIZE (2018/19 Season)

Supply: The total supply of maize is projected at 16 500 769 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. Whole maize imports of 150 000 tons are estimated, with early deliveries of 260 083 tons and a surplus of 20 000 tons.

Demand: The total demand (domestic plus exports) for maize is projected at 13 033 000 tons. The total domestic demand is projected at 10 825 000 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, 66 000 tons withdrawn by producers, 170 000 tons released to end-consumers and a balancing figure of 15 000 tons (net receipts and net dispatches). A projected export quantity of 208 000 tons of processed products and 2 000 000 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 4 155 000 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 3 467 769 tons. At an average processed quantity of 881 167 tons per month, this represents available stock levels for 3.9 months or 120 days.

IMPORTANT TO NOTE FOR MAIZE - DECEMBER 2018

This note is added to the report since current maize deliveries as reported by SAGIS, based on the last 10 years deliveries, suggest that the maize crop might be overestimated. The next time that the CELC meet to consider adjustments to the final crop estimate will be during February 2019. Hence, the S&DEC decided to add additional comments in case the crop is actually lower than the current CEC estimate.

Current deliveries as recorded by SAGIS suggest that 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 of 1 841 844 tons (vs. 1 941 844 tons)
- Available stock levels for 3.4 months (vs. 3.6 months)
- 103 days (vs. 109 days)

Yellow maize:

- Closing stock of 1 375 925 tons (vs. 1 525 925 tons)
- Available stock levels for 4.1 months (vs. 4.5 months)
- 124 days (vs. 137 days).

Total maize:

- Closing stock of 3 217 769 tons (vs. 3 144 769 tons)
- Available stock levels for 3.7 months (vs. 3.6 months)
- 111 days (vs. 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 122 431 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 59 720 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 110 050 tons. This includes 1 000 tons for indoor malting, 11 000 tons for floor malting, 82 000 tons for meal, rice and grits, 8 250 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 5 700 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 12 381 tons. At an average processed quantity of 8 521 tons per month, this represent available stock levels for 1.5 months or 44 days.

BITTER SORGHUM (2018/19 Season)

Supply: The total supply of bitter sorghum is projected 78 870 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 48 635 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 64 200 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, 450 tons withdrawn by producers, 150 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 14 670 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 174 250 tons. This includes 11 500 tons for indoor malting, 46 000 tons for floor malting, 94 000 tons for meal, rice and grits, 9 950 tons for feed, 950 tons withdrawn by producers, 1 150 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 7 900 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 27 051 tons. At an average processed quantity of 13 454 tons per month, this represent available stock levels for 2.0 months or 61 days.

IMPORTANT TO NOTE FOR SORGHUM - DECEMBER 2018

This note is added to the report since current sorghum deliveries as reported by SAGIS, based on the last 10 years deliveries, suggests that the sorghum crop might be underestimated. The next time that the CELC meet to consider adjustments to the final crop estimate will be during February 2019. Hence, the S&DEC decided to add additional comments in case the crop is actually higher than the current CEC estimate.

Current deliveries as recorded by SAGIS suggest that the crop estimate for sorghum might be underestimated by approximately 46 tons.

See Appendix 2 for detailed S&D table.

WHEAT (2018/19 Season)

Supply: The total supply of wheat is projected at 3 925 134 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 1 795 600 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 3 442 100 tons. This includes 3 300 000 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 75 000 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 483 034 tons. At an average processed quantity of 275 250 tons per month, this represent available stock levels for 1.8 months or 53 days.

See Appendix 3 for detailed S&D table.

SUNFLOWER SEED (2018/19 Season)

Supply: The total supply of sunflower seed is projected at 1 022 796 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 1 350 tons for South Africa and a surplus of 8 000 tons.

Demand: The total demand (domestic plus exports) for sunflower seed is projected at 914 900 tons. This includes 1 550 tons processed for human consumption, 4 500 tons processed for animal consumption, 900 000 tons for crush (oil and oilcake), 650 tons withdrawn by producers, 2 200 tons released to end consumers, 3 550 tons seed for planting purposes and a balancing figure of 2 000 tons (net receipts and net dispatches). A quantity of 450 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 107 596 tons. At an average processed quantity of 75 504 tons per month, this represent available stock levels for 1.4 months or 43 days.

IMPORTANT TO NOTE FOR SUNFLOWER SEED - DECEMBER 2018

This note is added to the report since current sunflower seed deliveries as reported by SAGIS, based on the last 10 years deliveries, suggests that the sunflower seed crop might be underestimated. The next time that the CELC meet to consider adjustments to the final crop estimate will be during February 2019. Hence, the S&DEC decided to add additional comments in case the crop is actually higher than the current CEC estimate.

Current deliveries as recorded by SAGIS suggest that the crop estimate for sunflower seed might be underestimated by approximately 523 tons. If this realizes, the following ending stocks will be available:

Sunflower seed:

- Closing stock of 108 419 tons (vs. 107 896 tons)
- Available stock levels for 1.4 months (vs. 1.4 months)
- 44 days (vs. 43 days)

See Appendix 4 for detailed S&D table.

SOYBEANS (2018/19 Season)

Supply: The total supply of soybeans is projected at 1 866 335 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 9 000 tons.

Demand: The total demand (domestic plus exports) for soybeans is projected at 1 279 500 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), 800 tons withdrawn by producers, 600 tons released to end consumers, 10 600 tons seed for planting purposes, and a balancing figure of 500 tons (net receipts and net dispatches). A quantity of 32 000 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 586 835 tons. At an average processed quantity of 102 917 tons per month, this represent available stock levels for 5.7 months or 173 days.

See Appendix 5 for detailed S&D table.

PLEASE NOTE: The January 2019 SASDE Report will be released on the 1st of February 2019.

Appendix 1: Detailed S & D table for White, Yellow and Total Maize: December 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	150,000	0	350,000	0	500,000
5	Available for the commercial market	9,916,000	6,634,191	6,904,000	6,007,102	16,820,000	12,641,293
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	150,000	0	150,000
10	Early deliveries (Net)*	0	32,631	0	227,452	0	260,083
11	Surplus	21,751	10,000	24,906	10,000	46,657	20,000
12	Total Supply	9,888,181	9,072,844	6,881,796	7,427,925	16,769,977	16,500,769
13	DEMAND						
14	Processed for the local market	6,533,966	6,512,000	3,765,714	4,062,000	10,299,680	10,574,000
15	- human	4,459,504	4,650,000	533,972	550,000	4,993,476	5,200,000

		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
16	- animal and industrial	2,061,649	1,850,000	3,214,798	3,500,000	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	16,000	67,021	50,000	102,906	66,000
19	Released to end-cons	30,125	30,000	150,419	140,000	180,544	170,000
20	Net receipts(-)/disp(+)	7,583	5,000	8,080	10,000	15,663	15,000
21	Deficit	0	0	0	0	0	0
22	Local demand	6,607,559	6,563,000	3,991,234	4,262,000	10,598,793	10,825,000
23	Exports	851,969	568,000	1,629,739	1,640,000	2,481,708	2,208,000
24	- products	42,038	68,000	150,836	140,000	192,874	208,000
25	- whole maize	809,931	500,000	1,478,903	1,500,000	2,288,834	2,000,000
26	Total Demand	7,459,528	7,131,000	5,620,973	5,902,000	13,080,501	13,033,000
27	Closing Stock (30 Apr)	2,428,653	1,941,844	1,260,823	1,525,925	3,689,476	3,467,769
28	- processed p/month	544,497	542,667	313,810	338,500	858,307	881,167
29	- months' stock	4.5	3.6	4.0	4.5	4.3	3.9
30	- days' stock	136	109	122	137	131	120

*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: December 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	60,720	54,000	49,135	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	59,720	53,600	48,635	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	59,720	53,562	48,635	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	122,431	56,964	78,870	242,029	201,301

10	DEMAND						
11	Processed	134,912	102,250	26,510	59,200	161,422	161,450
12	- Indoor malting	3,792	1,000	7,612	10,500	11,404	11,500
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	950	0	0	818	950
16	- Poultry feed	3,799	5,300	550	800	4,349	6,100

		Sweet Sorghum	Sweet Sorghum	Bitter Sorghum	Bitter Sorghum	Total Sorghum	Total Sorghum
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	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	5,700
24	Total Demand	153,854	110,050

Final for 2017/18	Projection for 2018/19
tons	tons
708	900
0	0
847	450
209	150
-60	200
-529	2,000
1,952	2,200
28,929	64,200

Final for 2017/18	Projection for 2018/19
tons	tons
3,423	2,900
0	0
2,370	950
1,482	1,150
94	800
3,816	2,000
13,599	7,900
182,783	174,250

25	Ending Stock (28/29 Feb)	31,211	12,381
26	- processed p/month	11,243	8,521
27	- months' stock	2.8	1.5
28	- days' stock	84	44

28,035	14,670
2,209	4,933
12.7	3.0
386	90

59,246	27,051
13,452	13,454
4.4	2.0
134	61

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

		Wheat	Wheat
	Marketing season	Final for 2017/18	Projection for 2018/19
		tons	tons
1	CEC (Crop Estimate)	1,535,000	1,830,600
2	CEC (Retention)	30,000	35,000

3	SUPPLY		
4	Opening stock (1 Oct)	341,424	721,534
5	Prod deliveries	1,547,486	1,795,600
6	Imports for South Africa	2,175,086	1,400,000
7	Surplus	5,763	8,000
8	Total Supply	4,069,759	3,925,134

9	DEMAND		
10	Processed	3,210,734	3,303,000
11	- human	3,207,542	3,300,000
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	112,000
20	- products	34,028	37,000
21	- whole wheat	75,581	75,000
22	Total Demand	3,345,152	3,442,100

23	Closing Stock (30 Sep)	724,607	483,034
24	- processed p/month	267,561	275,250
25	- months' stock	2.7	1.8
26	- days' stock	82	53

Appendix 4: Detailed S & D table for Sunflower Seed: December 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	1,350
6	Surplus	12,173	8,000
7	Total Supply	1,047,984	1,022,796
8	DEMAND		
9	Processed	885,039	906,050
10	- human	1,487	1,550
11	- animal	5,737	4,500
12	- crush (oil and oilcake)	877,815	900,000
13	Withdrawn by producers	442	650
14	Released to end-consumers	2,592	2,200
15	Seed for planting purposes	3,026	3,550
16	Net receipts(-)/disp(+)	1,770	2,000
17	Deficit	0	0
18	Exports	274	450
19	Total Demand	893,143	914,900
20	Ending Stock (28/29 Feb)	154,841	107,896
21	- processed p/month	73,753	75,504
22	- months' stock	2.1	1.4
23	- days' stock	64	43

Appendix 5: Detailed S & D table for Soybeans: December 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	9,000
8	Total Supply	1,405,037	1,866,335
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	800
15	Released to end-consumers	608	600
16	Seed for planting purposes	8,795	10,600
17	Net receipts(-)/disp(+)	-429	500
18	Deficit	0	0
19	Exports	414	32,000
20	Total Demand	1,074,502	1,279,500
21	Closing Stock (28/29 Feb)	330,535	586,835
22	- processed p/month	88,649	102,917
23	- months' stock	3.7	5.7
24	- days stock	113	173

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