



National Agricultural
Marketing Council
Promoting market access for South African agriculture

Annexure A:

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 May 2018 Report

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

SASDE – 60th meeting held on the 4th of June 2018

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

WHITE MAIZE (2018/19 Season)

Supply: The total supply of white maize is projected at 8 993 375 tons for the 2018/19 marketing season. This includes an opening stock level (at 1 May 2018) of 2 432 115 tons and local commercial deliveries of 6 501 260 tons. No whole white maize imports are estimated for the current season, with early deliveries of 50 000 tons and a surplus of 10 000 tons.

Demand: The total demand (domestic plus exports) for white maize is projected at 7 300 000 tons. The total domestic demand is projected at 6 580 000 tons. This includes 4 500 000 tons processed for human consumption, 2 000 000 tons processed for animal and industrial consumption, 13 000 tons for gristing, 30 000 tons withdrawn by producers, 32 000 tons released to end-consumers and a balancing figure of 5 000 tons (net receipts and net dispatches).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 60 000 tons of processed products and 660 000 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 1 550 000 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 1 693 375 tons. At an average processed quantity of 542 750 tons per month, this represent available stock levels for 3.1 months or 95 days.

YELLOW MAIZE (2018/19 Season)

Supply: The total supply of yellow maize is projected at 7 288 428 tons for the 2018/19 marketing season. This includes an opening stock (at 1 May 2018) of 1 263 078 tons and local commercial

deliveries of 5 857 350 tons. No yellow maize imports are estimated for the current season, with early deliveries of 150 000 tons and a surplus of 18 000 tons.

Demand: The total demand (domestic plus exports) for yellow maize is projected at 5 840 000 tons. The total domestic demand is projected at 4 210 000 tons. This includes 550 000 tons processed for human consumption, 3 400 000 tons processed for animal and industrial consumption, 18 000 tons for gristing, 65 000 tons withdrawn by producers, 165 000 tons released to end-consumers and a balancing figure of 12 000 tons (net receipts and net dispatches). A projected export quantity of 130 000 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 2 455 000 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 1 448 428 tons. At an average processed quantity of 330 667 tons per month, this represent available stock levels for 4.4 months or 133 days.

TOTAL MAIZE (2018/19 Season)

Supply: The total supply of maize is projected at 16 281 803 tons for the 2018/19 marketing season. This includes an opening stock (at 1 May 2018) of 3 695 193 tons and local commercial deliveries of 12 358 610 tons. Whole maize imports of zero tons are estimated, with early deliveries of 200 000 tons and a surplus of 28 000 tons.

Demand: The total demand (domestic plus exports) for maize is projected at 13 140 000 tons. The total domestic demand is projected at 10 790 000 tons. This includes 5 050 000 tons processed for human consumption, 5 400 000 tons processed for animal and industrial consumption, 31 000 tons for gristing, 95 000 tons withdrawn by producers, 197 000 tons released to end-consumers and a balancing figure of 17 000 tons (net receipts and net dispatches). A projected export quantity of 190 000 tons of processed products and 2 160 000 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 4 005 000 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 3 141 803 tons. At an average processed quantity of 873 417 tons per month, this represents 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 163 281 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 52 070 tons, 80 000 tons sweet sorghum imports for South Africa and no sweet sorghum surplus.

Demand: The total demand (domestic plus exports) for sweet sorghum is projected at 147 620 tons. This includes 4 000 tons for indoor malting, 30 000 tons for floor malting, 95 000 tons for meal, rice and grits, 6 720 tons for feed, 1 000 tons withdrawn by producers, 1 300 tons released to end consumers, a balancing figure of 600 tons (net receipts and net dispatches) and a deficit of 4 000 tons. 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 15 661 tons. At an average processed quantity of 11 310 tons per month, this represent available stock levels for 1.4 months or 42 days.

BITTER SORGHUM (2018/19 Season)

Supply: The total supply of bitter sorghum is projected 57 785 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 29 500 tons, no bitter sorghum imports for South Africa and a surplus of 250 tons.

Demand: The total demand (domestic plus exports) for bitter sorghum is projected at 33 400 tons. This includes 7 000 tons for indoor malting, 20 000 tons for floor malting, 600 tons for meal, rice and grits, 1 500 tons for feed, 950 tons withdrawn by producers, 250 tons released to end consumers, and a balancing figure of 100 tons (net receipts and net dispatches). A projected export quantity of 3 000 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 24 385 tons. At an average processed quantity of 2 425 tons per month, this represent available stock levels for 10.1 months or 306 days.

TOTAL SORGHUM (2018/19 Season)

Supply: The total supply of sorghum is projected at 221 066 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 81 570 tons, 80 000 tons sorghum imports for South Africa and a surplus of 250 tons.

Demand: The total demand (domestic plus exports) for sorghum is projected at 181 020 tons. This includes 11 000 tons for indoor malting, 50 000 tons for floor malting, 95 600 tons for meal, rice and grits, 8 220 tons for feed, 1 950 tons withdrawn by producers, 1 550 tons released to end consumers, a balancing figure of 700 tons (net receipts and net dispatches) and a deficit of 4 000 tons. A projected export quantity of 8 000 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 40 046 tons. At an average processed quantity of 13 735 tons per month, this represent available stock levels for 2.9 months or 89 days.

See Appendix 2 for detailed S&D table.

WHEAT (2017/18 Season)

Supply: The total supply of wheat is projected at 3 786 424 tons for the 2017/18 marketing season. This includes an opening stock level (at 1 October 2017) of 341 424 tons, local commercial deliveries of 1 505 000 tons, whole wheat imports estimated for South Africa of 1 930 000 tons and a surplus of 10 000 tons.

Demand: The total demand (domestic plus exports) for wheat is projected at 3 268 900 tons. This includes 3 150 000 tons processed for human consumption, 2 200 tons processed for animal consumption, 1 500 tons withdrawn by producers, 1 200 tons released to end consumers, 22 000 tons projected seed for planting purposes and a balancing figure of 7 000 tons (net receipts and net dispatches). A projected export quantity of 35 000 tons processed products and 50 000 tons whole wheat are estimated for the 2017/18 marketing season.

Stock levels: The projected closing stock level at 30 September 2018 is estimated at 517 524 tons. At an average processed quantity of 262 683 tons per month, this represent available stock levels for 2 months or 60 days.

See Appendix 3 for detailed S&D table.

SUNFLOWER SEED (2018/19 Season)

Supply: The total supply of sunflower seed is projected at 955 596 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 792 255 tons, sunflower seed imports of 500 tons for South Africa and a surplus of 8 000 tons.

Demand: The total demand (domestic plus exports) for sunflower seed is projected at 855 500 tons. This includes 1 500 tons processed for human consumption, 5 500 tons processed for animal consumption, 840 000 tons for crush (oil and oilcake), 500 tons withdrawn by producers, 2 700 tons released to end consumers, 3 100 tons seed for planting purposes and a balancing figure of 2 000 tons (net receipts and net dispatches). A quantity of 200 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 100 096 tons. At an average processed quantity of 70 583 tons per month, this represent available stock levels for 1.4 months or 43 days.

See Appendix 4 for detailed S&D table.

SOYBEANS (2018/19 Season)

Supply: The total supply of soybeans is projected at 1 753 835 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 1 400 300 tons, soybeans import of 20 000 tons for South Africa and a surplus of 3 000 tons.

Demand: The total demand (domestic plus exports) for soybeans is projected at 1 182 100 tons. This includes 25 000 tons processed for human consumption, 145 000 tons processed for animal (full fat) consumption, 1 000 000 tons for crush (oil and oilcake), 1 300 tons withdrawn by producers, 1 000 tons released to end consumers, 8 800 tons seed for planting purposes, and a balancing figure of 500 tons (net receipts and net dispatches). A quantity of 500 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 428 000 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 571 735 tons. At an average processed quantity of 97 500 tons per month, this represent available stock levels for 5.9 months or 178 days.

See Appendix 5 for detailed S&D table.

PLEASE NOTE: The June 2018 SASDE Report will be released on the 29th of June 2018.

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

		White Maize	White Maize	Yellow Maize	Yellow Maize	Total Maize	Total Maize
	Marketing season	Pre-final for 2017/18	Projection for 2018/19	Pre-final for 2017/18	Projection for 2018/19	Pre-final for 2017/18	Projection for 2018/19
		tons	tons	tons	tons	tons	tons
1	CEC (Crop Estimate)	9,916,000	6,701,260	6,904,000	6,207,350	16,820,000	12,908,610
2	CEC (Retention)	0	200,000	0	350,000	0	550,000
3	Min: Early deliveries for current season (March + April)**	0	150,000	0	200,000	0	350,000
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	6,551,260	6,904,000	6,007,350	16,820,000	12,558,610
6	SUPPLY						
7	Opening stock (1 May)	597,837	2,432,115	496,801	1,263,078	1,094,638	3,695,193
8	Producer deliveries	9,269,016	6,501,260	6,360,514	5,857,350	15,629,530	12,358,610
9	Imports for South Africa	0	0	0	0	0	0
10	Early deliveries (Net)*	0	50,000	0	150,000	0	200,000
11	Surplus	23,128	10,000	25,654	18,000	48,782	28,000
12	Total Supply	9,889,981	8,993,375	6,882,969	7,288,428	16,772,950	16,281,803
13	DEMAND						
14	Processed for the local market	6,533,798	6,513,000	3,768,285	3,968,000	10,302,083	10,481,000
15	- human	4,459,499	4,500,000	535,160	550,000	4,994,659	5,050,000
16	- animal and industrial	2,061,486	2,000,000	3,216,181	3,400,000	5,277,667	5,400,000
17	- gristing	12,813	13,000	16,944	18,000	29,757	31,000
18	Withdrawn by prod	36,214	30,000	67,035	65,000	103,249	95,000
19	Released to end-cons	30,709	32,000	150,110	165,000	180,819	197,000
20	Net receipts(-)/disp(+)	5,176	5,000	7,319	12,000	12,495	17,000
21	Deficit	0	0	0	0	0	0
22	Local demand	6,605,897	6,580,000	3,992,749	4,210,000	10,598,646	10,790,000
23	Exports	851,969	720,000	1,627,142	1,630,000	2,479,111	2,350,000
24	- products	42,038	60,000	148,448	130,000	190,486	190,000
25	- whole maize	809,931	660,000	1,478,694	1,500,000	2,288,625	2,160,000
26	Total Demand	7,457,866	7,300,000	5,619,891	5,840,000	13,077,757	13,140,000
27	Closing Stock (30 Apr)	2,432,115	1,693,375	1,263,078	1,448,428	3,695,193	3,141,803
28	- processed p/month	544,483	542,750	314,024	330,667	858,507	873,417
29	- months' stock	4.5	3.1	4.0	4.4	4.3	3.6
30	- days' stock	136	95	122	133	131	109

*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: May 2018

		Sweet Sorghum	Sweet Sorghum
	Marketing season	Final for 2017/18	Projection for 2018/19
		tons	tons
1	CEC (Crop Estimate)	98,000	53,070
2	CEC Retentions	2,100	1,000
3	Available for the commercial market	95,900	52,070

4	SUPPLY		
5	Opening stock (1 Mch)	31,836	31,211
6	Prod deliveries	97,405	52,070
7	Imports for South Africa	55,824	80,000
8	Surplus	0	0
9	Total Supply	185,065	163,281

10	DEMAND		
11	Processed	134,912	135,720
12	- Indoor malting	3,792	4,000
13	- Floor malting	31,699	30,000
14	- Meal, rice & grits	92,089	95,000
15	- Pet Food	818	820
16	- Poultry feed	3,799	3,700
17	- Livestock feed	2,715	2,200
18	Bio-fuel	0	0
19	Withdrawn by prod	1,523	1,000
20	Released to end-cons	1,273	1,300
21	Net receipts(-)/ disp(+)	154	600
22	Deficit	4,345	4,000
23	Exports	11,647	5,000
24	Total Demand	153,854	147,620

25	Ending Stock (28/29 Feb)	31,211	15,661
26	- processed p/month	11,243	11,310
27	- months' stock	2.8	1.4
28	- days' stock	84	42

	Bitter Sorghum	Bitter Sorghum
	Final for 2017/18	Projection for 2018/19
	tons	tons
	54,000	30,000
	400	500
	53,600	29,500

	3,402	28,035
	53,562	29,500
	0	0
	0	250
	56,964	57,785

	26,510	29,100
	7,612	7,000
	17,010	20,000
	630	600
	0	0
	550	500
	708	1,000
	0	0
	847	950
	209	250
	-60	100
	-529	0
	1,952	3,000
	28,929	33,400

	28,035	24,385
	2,209	2,425
	12.7	10.1
	386	306

	Total Sorghum	Total Sorghum
	Final for 2017/18	Projection for 2018/19
	tons	tons
	152,000	83,070
	2,500	1,500
	149,500	81,570

	35,238	59,246
	150,967	81,570
	55,824	80,000
	0	250
	242,029	221,066

	161,422	164,820
	11,404	11,000
	48,709	50,000
	92,719	95,600
	818	820
	4,349	4,200
	3,423	3,200
	0	0
	2,370	1,950
	1,482	1,550
	94	700
	3,816	4,000
	13,599	8,000
	182,783	181,020

	59,246	40,046
	13,452	13,735
	4.4	2.9
	134	89

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

		Wheat	Wheat
	Marketing season	Final for 2016/17	Projection for 2017/18
		tons	tons
1	CEC (Crop Estimate)	1,910,000	1,535,000
2	CEC (Retention)	35,000	30,000

3	SUPPLY		
4	Opening stock (1 Oct)	827,232	341,424
5	Prod deliveries	1,870,525	1,505,000
6	Imports for South Africa	934,765	1,930,000
7	Surplus	9,249	10,000
8	Total Supply	3,641,771	3,786,424

9	DEMAND		
10	Processed	3,163,196	3,152,200
11	- human	3,160,660	3,150,000
12	- animal	2,536	2,200
13	- gristing	0	0
14	Withdrawn by producers	1,880	1,500
15	Released to end-consumers	1,256	1,200
16	Seed for planting purposes	24,067	22,000
17	Net receipts(-)/disp(+)	5,101	7,000
18	Deficit	0	0
19	Exports	104,847	85,000
20	- products	11,949	35,000
21	- whole wheat	92,898	50,000
22	Total Demand	3,300,347	3,268,900

23	Closing Stock (30 Sep)	341,424	517,524
24	- processed p/month	263,600	262,683
25	- months' stock	1.3	2.0
26	- days' stock	39	60

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

		Sunflower Seed	Sunflower Seed
	Marketing season	Final for 2016/17	Projection for 2018/19
		tons	tons
1	CEC (Crop Estimate)	874,000	792,255
2	SUPPLY		
3	Opening stock (1 Mch)	163,086	154,841
4	Prod deliveries	872,171	792,255
5	Imports for South Africa	554	500
6	Surplus	12,173	8,000
7	Total Supply	1,047,984	955,596
8	DEMAND		
9	Processed	885,039	847,000
10	- human	1,487	1,500
11	- animal	5,737	5,500
12	- crush (oil and oilcake)	877,815	840,000
13	Withdrawn by producers	442	500
14	Released to end-consumers	2,592	2,700
15	Seed for planting purposes	3,026	3,100
16	Net receipts(-)/disp(+)	1,770	2,000
17	Deficit	0	0
18	Exports	274	200
19	Total Demand	893,143	855,500
20	Ending Stock (28/29 Feb)	154,841	100,096
21	- processed p/month	73,753	70,583
22	- months' stock	2.1	1.4
23	- days' stock	64	43

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

		Soybeans	Soybeans
	Marketing season	Final for 2017/18	Projection for 2018/19
		tons	tons
1	CEC (Crop Estimate)	1,316,000	1,430,300
2	Retention	0	30,000

3	SUPPLY		
4	Opening stock (1 Mch)	84,792	330,535
5	Prod deliveries	1,290,218	1,400,300
6	Imports for South Africa	27,508	20,000
7	Surplus	2,519	3,000
8	Total Supply	1,405,037	1,753,835

9	DEMAND		
10	Processed	1,063,783	1,170,000
11	- human	25,056	25,000
12	- animal feed (full fat soya)	147,302	145,000
13	- crush (oil/oilcake)	891,425	1,000,000
14	Withdrawn by producers	1,331	1,300
15	Released to end-consumers	608	1,000
16	Seed for planting purposes	8,795	8,800
17	Net receipts(-)/disp(+)	-429	500
18	Deficit	0	0
19	Exports	414	500
20	Total Demand	1,074,502	1,182,100

21	Closing Stock (28/29 Feb)	330,535	571,735
22	- processed p/month	88,649	97,500
23	- months' stock	3.7	5.9
24	- days stock	113	178

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Compiled by: South Africa Grain & Oilseeds Supply & Demand Estimates Committee

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