



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 June 2018 Report

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

SASDE – 61st meeting held on the 29th of June 2018

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

WHITE MAIZE (2018/19 Season)

Supply: The total supply of white maize is projected at 9 201 244 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 6 679 960 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 7 419 000 tons. The total domestic demand is projected at 6 729 000 tons. This includes 4 550 000 tons processed for human consumption, 2 100 000 tons processed for animal and industrial consumption, 12 000 tons for gristing, 30 000 tons withdrawn by producers, 32 000 tons released to end-consumers and a balancing figure of 5 000 tons (net receipts and net dispatches).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 630 000 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 1 600 000 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 1 782 244 tons. At an average processed quantity of 555 167 tons per month, this represent available stock levels for 3.2 months or 98 days.

YELLOW MAIZE (2018/19 Season)

Supply: The total supply of yellow maize is projected at 7 483 625 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 5 977 350 tons. No yellow maize imports are estimated for the current season, with early deliveries of 227 452 tons and a surplus of 18 000 tons.

Demand: The total demand (domestic plus exports) for yellow maize is projected at 5 950 000 tons. The total domestic demand is projected at 4 170 000 tons. This includes 560 000 tons processed for human consumption, 3 350 000 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 1 650 000 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 2 700 000 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 1 533 625 tons. At an average processed quantity of 327 333 tons per month, this represent available stock levels for 4.7 months or 143 days.

TOTAL MAIZE (2018/19 Season)

Supply: The total supply of maize is projected at 16 684 869 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 12 657 310 tons. No whole maize imports are estimated, with early deliveries of 310 083 tons and a surplus of 28 000 tons.

Demand: The total demand (domestic plus exports) for maize is projected at 13 369 000 tons. The total domestic demand is projected at 10 899 000 tons. This includes 5 110 000 tons processed for human consumption, 5 450 000 tons processed for animal and industrial consumption, 30 000 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 2 280 000 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 4 300 000 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 3 315 869 tons. At an average processed quantity of 882 500 tons per month, this represents available stock levels for 3.8 months or 114 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 136 300 tons. This includes 2 500 tons for indoor malting, 25 000 tons for floor malting, 90 000 tons for meal, rice and grits, 6 900 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 26 981 tons. At an average processed quantity of 10 367 tons per month, this represent available stock levels for 2.6 months or 79 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 45 300 tons. This includes 8 500 tons for indoor malting, 25 000 tons for floor malting, 6 000 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 12 485 tons. At an average processed quantity of 3 417 tons per month, this represent available stock levels for 3.7 months or 111 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 181 600 tons. This includes 11 000 tons for indoor malting, 50 000 tons for floor malting, 96 000 tons for meal, rice and grits, 8 400 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 39 466 tons. At an average processed quantity of 13 783 tons per month, this represent available stock levels for 2.9 months or 87 days.

See Appendix 2 for detailed S&D table.

WHEAT (2017/18 Season)

Supply: The total supply of wheat is projected at 3 796 424 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 1 515 000 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 3 230 300 tons. This includes 3 100 000 tons processed for human consumption, 2 400 tons processed for animal consumption, 1 400 tons withdrawn by producers, 1 500 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 36 000 tons processed products and 60 000 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 566 124 tons. At an average processed quantity of 258 533 tons per month, this represent available stock levels for 2.2 months or 67 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 853 550 tons. This includes 1 500 tons processed for human consumption, 3 500 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 250 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 102 046 tons. At an average processed quantity of 70 417 tons per month, this represent available stock levels for 1.4 months or 44 days.

See Appendix 4 for detailed S&D table.

SOYBEANS (2018/19 Season)

Supply: The total supply of soybeans is projected at 1 874 335 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, 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 1 197 100 tons. This includes 25 000 tons processed for human consumption, 160 000 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 533 000 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 677 235 tons. At an average processed quantity of 98 750 tons per month, this represent available stock levels for 6.9 months or 209 days.

See Appendix 5 for detailed S&D table.

PLEASE NOTE: The July 2018 SASDE Report will be released on the 31st of July 2018.

Appendix 1: Detailed S & D table for White, Yellow and Total Maize: June 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	6,879,960		6,904,000	6,327,350	16,820,000	13,207,310
2	CEC (Retention)	0	200,000		0	350,000	0	550,000
3	Min: Early deliveries for current season (Mar + Apr)**	0	117,369		0	122,548	0	239,917
4	Plus: Early deliveries for next season (Mar + Apr)**	0	200,000		0	350,000	0	550,000
5	Available for the commercial market	9,916,000	6,762,591		6,904,000	6,204,802	16,820,000	12,967,393
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	6,679,960		6,360,089	5,977,350	15,628,682	12,657,310
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	18,000	46,657	28,000
12	Total Supply	9,888,181	9,201,244		6,881,796	7,483,625	16,769,977	16,684,869
13	DEMAND							
14	Processed for the local market	6,533,966	6,662,000		3,765,714	3,928,000	10,299,680	10,590,000
15	- human	4,459,504	4,550,000		533,972	560,000	4,993,476	5,110,000
16	- animal and industrial	2,061,649	2,100,000		3,214,798	3,350,000	5,276,447	5,450,000
17	- gristing	12,813	12,000		16,944	18,000	29,757	30,000
18	Withdrawn by prod	35,885	30,000		67,021	65,000	102,906	95,000
19	Released to end-cons	30,125	32,000		150,419	165,000	180,544	197,000
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	6,729,000		3,991,234	4,170,000	10,598,793	10,899,000
23	Exports	851,969	690,000		1,629,739	1,780,000	2,481,708	2,470,000
24	- products	42,038	60,000		150,836	130,000	192,874	190,000
25	- whole maize	809,931	630,000		1,478,903	1,650,000	2,288,834	2,280,000
26	Total Demand	7,459,528	7,419,000		5,620,973	5,950,000	13,080,501	13,369,000
27	Closing Stock (30 Apr)	2,428,653	1,782,244		1,260,823	1,533,625	3,689,476	3,315,869
28	- processed p/month	544,497	555,167		313,810	327,333	858,307	882,500
29	- months' stock	4.5	3.2		4.0	4.7	4.3	3.8
30	- days' stock	136	98		122	143	131	114

*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: June 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	53,070	54,000	30,000	152,000	83,070
2	CEC Retentions	2,100	1,000	400	500	2,500	1,500
3	Available for the commercial market	95,900	52,070	53,600	29,500	149,500	81,570
4	SUPPLY						
5	Opening stock (1 Mch)	31,836	31,211	3,402	28,035	35,238	59,246
6	Prod deliveries	97,405	52,070	53,562	29,500	150,967	81,570
7	Imports for South Africa	55,824	80,000	0	0	55,824	80,000
8	Surplus	0	0	0	250	0	250
9	Total Supply	185,065	163,281	56,964	57,785	242,029	221,066
10	DEMAND						
11	Processed	134,912	124,400	26,510	41,000	161,422	165,400
12	- Indoor malting	3,792	2,500	7,612	8,500	11,404	11,000
13	- Floor malting	31,699	25,000	17,010	25,000	48,709	50,000
14	- Meal, rice & grits	92,089	90,000	630	6,000	92,719	96,000
15	- Pet Food	818	1,000	0	0	818	1,000
16	- Poultry feed	3,799	3,700	550	500	4,349	4,200
17	- Livestock feed	2,715	2,200	708	1,000	3,423	3,200
18	Bio-fuel	0	0	0	0	0	0
19	Withdrawn by prod	1,523	1,000	847	950	2,370	1,950
20	Released to end-cons	1,273	1,300	209	250	1,482	1,550
21	Net receipts(-)/ disp(+)	154	600	-60	100	94	700
22	Deficit	4,345	4,000	-529	0	3,816	4,000
23	Exports	11,647	5,000	1,952	3,000	13,599	8,000
24	Total Demand	153,854	136,300	28,929	45,300	182,783	181,600
25	Ending Stock (28/29 Feb)	31,211	26,981	28,035	12,485	59,246	39,466
26	- processed p/month	11,243	10,367	2,209	3,417	13,452	13,783
27	- months' stock	2.8	2.6	12.7	3.7	4.4	2.9
28	- days' stock	84	79	386	111	134	87

Appendix 3: Detailed S & D table for Wheat: June 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	20,000

3	SUPPLY		
4	Opening stock (1 Oct)	827,232	341,424
5	Prod deliveries	1,870,525	1,515,000
6	Imports for South Africa	934,765	1,930,000
7	Surplus	9,249	10,000
8	Total Supply	3,641,771	3,796,424

9	DEMAND		
10	Processed	3,163,196	3,102,400
11	- human	3,160,660	3,100,000
12	- animal	2,536	2,400
13	- gristing	0	0
14	Withdrawn by producers	1,880	1,400
15	Released to end-consumers	1,256	1,500
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	96,000
20	- products	11,949	36,000
21	- whole wheat	92,898	60,000
22	Total Demand	3,300,347	3,230,300

23	Closing Stock (30 Sep)	341,424	566,124
24	- processed p/month	263,600	258,533
25	- months' stock	1.3	2.2
26	- days' stock	39	67

Appendix 4: Detailed S & D table for Sunflower Seed: June 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	845,000
10	- human	1,487	1,500
11	- animal	5,737	3,500
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	250
19	Total Demand	893,143	853,550
20	Ending Stock (28/29 Feb)	154,841	102,046
21	- processed p/month	73,753	70,417
22	- months' stock	2.1	1.4
23	- days' stock	64	44

Appendix 5: Detailed S & D table for Soybeans: June 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	20,000
7	Surplus	2,519	3,000
8	Total Supply	1,405,037	1,874,335

9	DEMAND		
10	Processed	1,063,783	1,185,000
11	- human	25,056	25,000
12	- animal feed (full fat soya)	147,302	160,000
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	1,197,100

21	Closing Stock (28/29 Feb)	330,535	677,235
22	- processed p/month	88,649	98,750
23	- months' stock	3.7	6.9
24	- days stock	113	209

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

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