



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 October 2018 Report

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

SASDE – 65th meeting held on the 30th of October 2018

THE SOUTH AFRICAN SUPPLY AND DEMAND PROJECTIONS FOR GRAINS AND OILSEEDS FOR
OCTOBER 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 7 397 000 tons. The total domestic demand is projected at 6 879 000 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human consumption, 2 150 000 tons processed for animal and industrial consumption, 12 000 tons for gisting, 30 000 tons withdrawn by producers, 32 000 tons released to end-consumers and a balancing figure of 5 000 tons (net receipts and net dispatches).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 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 1 725 844 tons. At an average processed quantity of 567 667 tons per month, this represent available stock levels for 3 months or 92 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 5 694 000 tons. The total domestic demand is projected at 4 004 000 tons. This includes 570 000 tons processed for human consumption, 3 200 000 tons processed for animal and industrial consumption, 12 000 tons for gristing, 60 000 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 1 550 000 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 2 670 000 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 1 583 925 tons. At an average processed quantity of 315 167 tons per month, this represent available stock levels for 5 months or 153 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 13 091 000 tons. The total domestic demand is projected at 10 883 000 tons. This includes 5 220 000 tons processed for human consumption, 5 350 000 tons processed for animal and industrial consumption, 24 000 tons for gristing, 90 000 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 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 4 010 000 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 3 309 769 tons. At an average processed quantity of 882 833 tons per month, this represents available stock levels for 3.7 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 141 275 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 58 564 tons, 50 000 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 114 700 tons. This includes 1 300 tons for indoor malting, 16 000 tons for floor malting, 82 000 tons for meal, rice and grits, 7 500 tons for feed, 1 000 tons withdrawn by producers, 1 300 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 26 575 tons. At an average processed quantity of 8 900 tons per month, this represent available stock levels for 3 months or 91 days.

BITTER SORGHUM (2018/19 Season)

Supply: The total supply of bitter sorghum is projected 80 026 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 49 791 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 63 400 tons. This includes 10 500 tons for indoor malting, 31 000 tons for floor malting, 15 000 tons for meal, rice and grits, 1 800 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 16 626 tons. At an average processed quantity of 4 858 tons per month, this represent available stock levels for 3.4 months or 104 days.

TOTAL SORGHUM (2018/19 Season)

Supply: The total supply of sorghum is projected at 221 301 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, 52 200 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 178 100 tons. This includes 11 800 tons for indoor malting, 47 000 tons for floor malting, 97 000 tons for meal, rice and grits, 9 300 tons for feed, 1 500 tons withdrawn by producers, 1 500 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 43 201 tons. At an average processed quantity of 13 758 tons per month, this represent available stock levels for 3.1 months or 96 days.

See Appendix 2 for detailed S&D table.

WHEAT (2018/19 Season)

Supply: The total supply of wheat is projected at 3 960 007 tons for the 2018/19 marketing season. This includes an opening stock level (at 1 October 2018) of 724 607 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 3 355 100 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 35 000 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 604 907 tons. At an average processed quantity of 267 750 tons per month, this represent available stock levels for 2.3 months or 69 days.

See Appendix 3 for detailed S&D table.

SUNFLOWER SEED (2018/19 Season)

Supply: The total supply of sunflower seed is projected at 1 022 446 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 1 000 tons for South Africa and a surplus of 8 000 tons.

Demand: The total demand (domestic plus exports) for sunflower seed is projected at 943 850 tons. This includes 1 500 tons processed for human consumption, 4 000 tons processed for animal consumption, 930 000 tons for crush (oil and oilcake), 600 tons withdrawn by producers, 2 300 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 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 77 958 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 1 862 335 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 8 000 tons for South Africa and a surplus of 3 000 tons.

Demand: The total demand (domestic plus exports) for soybeans is projected at 1 262 300 tons. This includes 25 000 tons processed for human consumption, 195 000 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, 8 800 tons seed for planting purposes, and a balancing figure of 500 tons (net receipts and net dispatches). A quantity of 31 000 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 480 000 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 600 035 tons. At an average processed quantity of 101 667 tons per month, this represent available stock levels for 5.9 months or 180 days.

See Appendix 5 for detailed S&D table.

PLEASE NOTE: The November 2018 SASDE Report will be released on the 30th of November 2018.

Appendix 1: Detailed S & D table for White, Yellow and Total Maize: October 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 (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	6,684,191		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	3,782,000	10,299,680	10,594,000
15	- human	4,459,504	4,650,000		533,972	570,000	4,993,476	5,220,000
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	30,000		67,021	60,000	102,906	90,000
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	6,879,000		3,991,234	4,004,000	10,598,793	10,883,000
23	Exports	851,969	518,000		1,629,739	1,690,000	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	450,000		1,478,903	1,550,000	2,288,834	2,000,000
26	Total Demand	7,459,528	7,397,000		5,620,973	5,694,000	13,080,501	13,091,000
27	Closing Stock (30 Apr)	2,428,653	1,725,844		1,260,823	1,583,925	3,689,476	3,309,769
28	- processed p/month	544,497	567,667		313,810	315,167	858,307	882,833
29	- months' stock	4.5	3.0		4.0	5.0	4.3	3.7
30	- days' stock	136	92		122	153	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: October 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	59,564	54,000	50,291	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	58,564	53,600	49,791	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	58,564	53,562	49,791	150,967	108,355
7	Imports for South Africa	55,824	50,000	0	2,200	55,824	52,200
8	Surplus	0	1,500	0	0	0	1,500
9	Total Supply	185,065	141,275	56,964	80,026	242,029	221,301
10	DEMAND						
11	Processed	134,912	106,800	26,510	58,300	161,422	165,100
12	- Indoor malting	3,792	1,300	7,612	10,500	11,404	11,800
13	- Floor malting	31,699	16,000	17,010	31,000	48,709	47,000
14	- Meal, rice & grits	92,089	82,000	630	15,000	92,719	97,000
15	- Pet Food	818	1,000	0	0	818	1,000
16	- Poultry feed	3,799	4,500	550	800	4,349	5,300
17	- Livestock feed	2,715	2,000	708	1,000	3,423	3,000
18	Bio-fuel	0	0	0	0	0	0
19	Withdrawn by prod	1,523	1,000	847	500	2,370	1,500
20	Released to end-cons	1,273	1,300	209	200	1,482	1,500
21	Net receipts(-)/disp(+)	154	600	-60	200	94	800
22	Deficit	4,345	0	-529	2,000	3,816	2,000
23	Exports	11,647	5,000	1,952	2,200	13,599	7,200
24	Total Demand	153,854	114,700	28,929	63,400	182,783	178,100
25	Ending Stock (28/29 Feb)	31,211	26,575	28,035	16,626	59,246	43,201
26	- processed p/month	11,243	8,900	2,209	4,858	13,452	13,758
27	- months' stock	2.8	3.0	12.7	3.4	4.4	3.1
28	- days' stock	84	91	386	104	134	96

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

		Wheat	Wheat
	Marketing season	Preliminary 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	724,607
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	3,960,007

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	115,000
20	- products	34,028	35,000
21	- whole wheat	75,581	80,000
22	Total Demand	3,345,152	3,355,100

23	Closing Stock (30 Sep)	724,607	604,907
24	- processed p/month	267,561	267,750
25	- months' stock	2.7	2.3
26	- days' stock	82	69

Appendix 4: Detailed S & D table for Sunflower Seed: October 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	1,000
6	Surplus	12,173	8,000
7	Total Supply	1,047,984	1,022,446
8	DEMAND		
9	Processed	885,039	935,500
10	- human	1,487	1,500
11	- animal	5,737	4,000
12	- crush (oil and oilcake)	877,815	930,000
13	Withdrawn by producers	442	600
14	Released to end-consumers	2,592	2,300
15	Seed for planting purposes	3,026	3,100
16	Net receipts(-)/disp(+)	1,770	2,000
17	Deficit	0	0
18	Exports	274	350
19	Total Demand	893,143	943,850
20	Ending Stock (28/29 Feb)	154,841	78,596
21	- processed p/month	73,753	77,958
22	- months' stock	2.1	1.0
23	- days' stock	64	31

Appendix 5: Detailed S & D table for Soybeans: October 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	8,000
7	Surplus	2,519	3,000
8	Total Supply	1,405,037	1,862,335

9	DEMAND		
10	Processed	1,063,783	1,220,000
11	- human	25,056	25,000
12	- animal feed (full fat soya)	147,302	195,000
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	8,800
17	Net receipts(-)/disp(+)	-429	500
18	Deficit	0	0
19	Exports	414	31,000
20	Total Demand	1,074,502	1,262,300

21	Closing Stock (28/29 Feb)	330,535	600,035
22	- processed p/month	88,649	101,667
23	- months' stock	3.7	5.9
24	- days stock	113	180

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

Enquiries: Dr Christo Joubert
+27(0)12 341 1115/+27(0)76 999 7766
christo@namc.co.za

Dr Abongile Balarane
+27(0)12 341 1115/+27(0)76 752 4846
abalarane@namc.co.za

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