



**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 September 2018 Report

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

SASDE – 64th meeting held on the 1st of October 2018

THE SOUTH AFRICAN SUPPLY AND DEMAND PROJECTIONS FOR GRAINS AND OILSEEDS FOR
SEPTEMBER 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 7 444 000 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consumption, 2 150 000 tons processed for animal and industrial consumption, 12 000 tons for gristing, 30 000 tons withdrawn by producers, 32 000 tons released to end-consumers and a balancing figure of 5 000 tons (net receipts and net dispatches).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 65 000 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 1 340 000 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 1 678 844 tons. At an average processed quantity of 567 667 tons per month, this represent available stock levels for 3 months or 90 days.

YELLOW MAIZE (2018/19 Season)

Supply: The total supply of yellow maize is projected at 7 285 925 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 18 000 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 2 680 000 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 1 591 925 tons. At an average processed quantity of 315 167 tons per month, this represent available stock levels for 5.1 months or 154 days.

TOTAL MAIZE (2018/19 Season)

Supply: The total supply of maize is projected at 16 408 769 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 28 000 tons.

Demand: The total demand (domestic plus exports) for maize is projected at 13 138 000 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 205 000 tons of processed products and 2 050 000 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 4 020 000 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 3 270 769 tons. At an average processed quantity of 882 833 tons per month, this represents available stock levels for 3.7 months or 113 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 139 466 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 58 255 tons, 50 000 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 114 400 tons. This includes 1 500 tons for indoor malting, 16 000 tons for floor malting, 80 000 tons for meal, rice and grits, 7 000 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 2 000 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 25 066 tons. At an average processed quantity of 8 708 tons per month, this represent available stock levels for 2.9 months or 88 days.

BITTER SORGHUM (2018/19 Season)

Supply: The total supply of bitter sorghum is projected 80 135 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 50 100 tons, bitter sorghum imports of 1 500 tons for South Africa and a surplus of 500 tons.

Demand: The total demand (domestic plus exports) for bitter sorghum is projected at 61 000 tons. This includes 10 500 tons for indoor malting, 30 000 tons for floor malting, 15 000 tons for meal, rice and grits, 1 800 tons for feed, 900 tons withdrawn by producers, 200 tons released to end consumers, and a balancing figure of 100 tons (net receipts and net dispatches). A projected export quantity of 2 500 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 19 135 tons. At an average processed quantity of 4 775 tons per month, this represent available stock levels for 4 months or 122 days.

TOTAL SORGHUM (2018/19 Season)

Supply: The total supply of sorghum is projected at 219 601 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, 51 500 tons sorghum imports for South Africa and a surplus of 500 tons.

Demand: The total demand (domestic plus exports) for sorghum is projected at 175 400 tons. This includes 12 000 tons for indoor malting, 46 000 tons for floor malting, 95 000 tons for meal, rice and grits, 8 800 tons for feed, 1 900 tons withdrawn by producers, 1 500 tons released to end consumers, a balancing figure of 700 tons (net receipts and net dispatches) and a deficit of 2 000 tons. A projected export quantity of 7 500 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 44 201 tons. At an average processed quantity of 13 483 tons per month, this represent available stock levels for 3.3 months or 100 days.

See Appendix 2 for detailed S&D table.

WHEAT (2017/18 Season)

Supply: The total supply of wheat is projected at 4 056 624 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 1 550 000 tons, whole wheat imports estimated for South Africa of 2 158 000 tons and a surplus of 7 200 tons.

Demand: The total demand (domestic plus exports) for wheat is projected at 3 325 000 tons. This includes 3 185 000 tons processed for human consumption, 3 100 tons processed for animal consumption, 1 200 tons withdrawn by producers, 2 000 tons released to end consumers, 18 300 tons projected seed for planting purposes and a balancing figure of 4 000 tons (net receipts and net dispatches). A projected export quantity of 35 400 tons processed products and 76 000 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 731 624 tons. At an average processed quantity of 265 675 tons per month, this represent available stock levels for 2.8 months or 84 days.

WHEAT (2018/19 Season)

Supply: The total supply of wheat is projected at 3 951 724 tons for the 2017/18 marketing season. This includes an opening stock level (at 1 October 2018) of 731 624 tons, local commercial deliveries of 1 810 100 tons, whole wheat imports estimated for South Africa of 1 400 000 tons and a surplus of 10 000 tons.

Demand: The total demand (domestic plus exports) for wheat is projected at 3 325 100 tons. This includes 3 180 000 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 626 624 tons. At an average processed quantity of 265 250 tons per month, this represent available stock levels for 2.4 months or 72 days.

See Appendix 3 for detailed S&D table.

SUNFLOWER SEED (2018/19 Season)

Supply: The total supply of sunflower seed is projected at 1 022 246 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 800 tons for South Africa and a surplus of 8 000 tons.

Demand: The total demand (domestic plus exports) for sunflower seed is projected at 913 850 tons. This includes 1 500 tons processed for human consumption, 4 000 tons processed for animal consumption, 900 000 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 108 396 tons. At an average processed quantity of 75 458 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 1 862 335 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 1 224 800 tons. This includes 23 000 tons processed for human consumption, 190 000 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 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 490 000 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 637 535 tons. At an average processed quantity of 101 083 tons per month, this represent available stock levels for 6.3 months or 192 days.

See Appendix 5 for detailed S&D table.

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

Appendix 1: Detailed S & D table for White, Yellow and Total Maize: September 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	18,000	46,657	28,000
12	Total Supply	9,888,181	9,122,844		6,881,796	7,285,925	16,769,977	16,408,769
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	565,000		1,629,739	1,690,000	2,481,708	2,255,000
24	- products	42,038	65,000		150,836	140,000	192,874	205,000
25	- whole maize	809,931	500,000		1,478,903	1,550,000	2,288,834	2,050,000
26	Total Demand	7,459,528	7,444,000		5,620,973	5,694,000	13,080,501	13,138,000
27	Closing Stock (30 Apr)	2,428,653	1,678,844		1,260,823	1,591,925	3,689,476	3,270,769
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	5.1	4.3	3.7
30	- days' stock	136	90		122	154	131	113

*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: September 2018

		Sweet Sorghum	Sweet Sorghum
	Marketing season	Final for 2017/18	Projection for 2018/19
		tons	tons
1	CEC (Crop Estimate)	98,000	59,255
2	CEC Retentions	2,100	1,000
3	Available for the commercial market	95,900	58,255

4	SUPPLY		
5	Opening stock (1 Mch)	31,836	31,211
6	Prod deliveries	97,405	58,255
7	Imports for South Africa	55,824	50,000
8	Surplus	0	0
9	Total Supply	185,065	139,466

10	DEMAND		
11	Processed	134,912	104,500
12	- Indoor malting	3,792	1,500
13	- Floor malting	31,699	16,000
14	- Meal, rice & grits	92,089	80,000
15	- Pet Food	818	1,000
16	- Poultry feed	3,799	4,000
17	- Livestock feed	2,715	2,000
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	2,000
23	Exports	11,647	5,000
24	Total Demand	153,854	114,400

25	Ending Stock (28/29 Feb)	31,211	25,066
26	- processed p/month	11,243	8,708
27	- months' stock	2.8	2.9
28	- days' stock	84	88

	Bitter Sorghum	Bitter Sorghum
	Final for 2017/18	Projection for 2018/19
	tons	tons
	54,000	50,600
	400	500
	53,600	50,100

	3,402	28,035
	53,562	50,100
	0	1,500
	0	500
	56,964	80,135

	26,510	57,300
	7,612	10,500
	17,010	30,000
	630	15,000
	0	0
	550	800
	708	1,000
	0	0
	847	900
	209	200
	-60	100
	-529	0
	1,952	2,500
	28,929	61,000

	28,035	19,135
	2,209	4,775
	13.0	4.0
	386	122

	Total Sorghum	Total Sorghum
	Final for 2017/18	Projection for 2018/19
	tons	tons
	152,000	109,855
	2,500	1,500
	149,500	108,355

	35,238	59,246
	150,967	108,355
	55,824	51,500
	0	500
	242,029	219,601

	161,422	161,800
	11,404	12,000
	48,709	46,000
	92,719	95,000
	818	1,000
	4,349	4,800
	3,423	3,000
	0	0
	2,370	1,900
	1,482	1,500
	94	700
	3,816	2,000
	13,599	7,500
	182,783	175,400

	59,246	44,201
	13,452	13,483
	4.4	3.3
	134	100

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

		Wheat	Wheat	Wheat
	Marketing season	Final for 2016/17	Projection for 2017/18	Projection for 2018/19
		tons	tons	tons
1	CEC (Crop Estimate)	1,910,000	1,535,000	1,845,100
2	CEC (Retention)	35,000	30,000	35,000

3	SUPPLY			
4	Opening stock (1 Oct)	827,232	341,424	731,624
5	Prod deliveries	1,870,525	1,550,000*	1,810,100
6	Imports for South Africa	934,765	2,158,000	1,400,000
7	Surplus	9,249	7,200	10,000
8	Total Supply	3,641,771	4,056,624	3,951,724

9	DEMAND			
10	Processed	3,163,196	3,188,100	3,183,000
11	- human	3,160,660	3,185,000	3,180,000
12	- animal	2,536	3,100	3,000
13	- gristing	0	0	0
14	Withdrawn by producers	1,880	1,200	1,300
15	Released to end-consumers	1,256	2,000	1,800
16	Seed for planting purposes	24,067	18,300	19,000
17	Net receipts(-)/disp(+)	5,101	4,000	5,000
18	Deficit	0	0	0
19	Exports	104,847	111,400	115,000
20	- products	11,949	35,400	35,000
21	- whole wheat	92,898	76,000	80,000
22	Total Demand	3,300,347	3,325,000	3,325,100

23	Closing Stock (30 Sep)	341,424	731,624	626,624
24	- processed p/month	263,600	265,675	265,250
25	- months' stock	1.3	2.8	2.4
26	- days' stock	39	84	72

**Note: Adjusted figure based on actual deliveries from SAGIS, 01 Oct 2018.*

Appendix 4: Detailed S & D table for Sunflower Seed: September 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	800
6	Surplus	12,173	8,000
7	Total Supply	1,047,984	1,022,246
8	DEMAND		
9	Processed	885,039	905,500
10	- human	1,487	1,500
11	- animal	5,737	4,000
12	- crush (oil and oilcake)	877,815	900,000
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	913,850
20	Ending Stock (28/29 Feb)	154,841	108,396
21	- processed p/month	73,753	75,458
22	- months' stock	2.1	1.4
23	- days' stock	64	44

Appendix 5: Detailed S & D table for Soybeans: September 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	1,213,000
11	- human	25,056	23,000
12	- animal feed (full fat soya)	147,302	190,000
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	500
20	Total Demand	1,074,502	1,224,800

21	Closing Stock (28/29 Feb)	330,535	637,535
22	- processed p/month	88,649	101,083
23	- months' stock	3.7	6.3
24	- days stock	113	192

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