



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 August 2018 Report

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

SASDE – 63rd meeting held on the 31st of August 2018

THE SOUTH AFRICAN SUPPLY AND DEMAND PROJECTIONS FOR GRAINS AND OILSEEDS FOR
AUGUST 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 7 389 000 tons. The total domestic demand is projected at 6 829 000 tons. This includes 4 600 000 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consumption, 2 150 000 tons processed for animal and industrial consumption, 12 000 tons for gristing, 30 000 tons withdrawn by producers, 32 000 tons released to end-consumers and a balancing figure of 5 000 tons (net receipts and net dispatches).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 60 000 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 1 470 000 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 1 812 244 tons. At an average processed quantity of 563 500 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 5 714 000 tons. The total domestic demand is projected at 4 024 000 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, 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 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 2 850 000 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 1 769 625 tons. At an average processed quantity of 315 167 tons per month, this represent available stock levels for 5.6 months or 171 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 13 103 000 tons. The total domestic demand is projected at 10 853 000 tons. This includes 5 170 000 tons processed for human consumption, 5 350 000 tons processed for animal and industrial consumption, 24 000 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 200 000 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 4 320 000 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 3 581 869 tons. At an average processed quantity of 878 667 tons per month, this represents available stock levels for 4.1 months or 124 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 138 811 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 57 600 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 124 300 tons. This includes 1 500 tons for indoor malting, 20 000 tons for floor malting, 85 000 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 3 000 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 14 511 tons. At an average processed quantity of 9 450 tons per month, this represent available stock levels for 1.5 months or 47 days.

BITTER SORGHUM (2018/19 Season)

Supply: The total supply of bitter sorghum is projected 74 555 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 46 020 tons, no bitter sorghum imports for South Africa and a surplus of 500 tons.

Demand: The total demand (domestic plus exports) for bitter sorghum is projected at 52 700 tons. This includes 9 000 tons for indoor malting, 28 000 tons for floor malting, 10 000 tons for meal, rice and grits, 1 500 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 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 21 855 tons. At an average processed quantity of 4 042 tons per month, this represent available stock levels for 5.4 months or 164 days.

TOTAL SORGHUM (2018/19 Season)

Supply: The total supply of sorghum is projected at 213 366 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 103 620 tons, 50 000 tons sorghum imports for South Africa and a surplus of 500 tons.

Demand: The total demand (domestic plus exports) for sorghum is projected at 177 000 tons. This includes 10 500 tons for indoor malting, 48 000 tons for floor malting, 95 000 tons for meal, rice and grits, 8 400 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 3 000 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 36 366 tons. At an average processed quantity of 13 492 tons per month, this represent available stock levels for 2.7 months or 82 days.

See Appendix 2 for detailed S&D table.

WHEAT (2017/18 Season)

Supply: The total supply of wheat is projected at 3 989 424 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 1 540 000 tons, whole wheat imports estimated for South Africa of 2 100 000 tons and a surplus of 8 000 tons.

Demand: The total demand (domestic plus exports) for wheat is projected at 3 290 100 tons. This includes 3 150 000 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 73 000 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 699 324 tons. At an average processed quantity of 262 750 tons per month, this represent available stock levels for 2.7 months or 81 days.

WHEAT (2018/19 Season)

Supply: The total supply of wheat is projected at 3 882 374 tons for the 2017/18 marketing season. This includes an opening stock level (at 1 October 2018) of 699 324 tons, local commercial deliveries of 1 773 050 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 3 295 100 tons. This includes 3 150 000 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 587 274 tons. At an average processed quantity of 262 750 tons per month, this represent available stock levels for 2.2 months or 68 days.

See Appendix 3 for detailed S&D table.

SUNFLOWER SEED (2018/19 Season)

Supply: The total supply of sunflower seed is projected at 1 021 946 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 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 913 600 tons. This includes 1 500 tons processed for human consumption, 3 500 tons processed for animal consumption, 900 000 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 300 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 108 346 tons. At an average processed quantity of 75 417 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 1 864 335 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 imports of 10 000 tons for South Africa and a surplus of 3 000 tons.

Demand: The total demand (domestic plus exports) for soybeans is projected at 1 210 100 tons. This includes 23 000 tons processed for human consumption, 175 000 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 506 000 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 654 235 tons. At an average processed quantity of 99 833 tons per month, this represent available stock levels for 6.6 months or 199 days.

See Appendix 5 for detailed S&D table.

PLEASE NOTE: The September 2018 SASDE Report will be published on the 1st of **October 2018**.

Appendix 1: Detailed S & D table for White, Yellow and Total Maize: August 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 + April)**	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	6,762,000	3,765,714	3,782,000	10,299,680	10,544,000
15	- human	4,459,504	4,600,000	533,972	570,000	4,993,476	5,170,000
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	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	6,829,000	3,991,234	4,024,000	10,598,793	10,853,000
23	Exports	851,969	560,000	1,629,739	1,690,000	2,481,708	2,250,000
24	- products	42,038	60,000	150,836	140,000	192,874	200,000
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	7,389,000	5,620,973	5,714,000	13,080,501	13,103,000
27	Closing Stock (30 Apr)	2,428,653	1,812,244	1,260,823	1,769,625	3,689,476	3,581,869
28	- processed p/month	544,497	563,500	313,810	315,167	858,307	878,667
29	- months' stock	4.5	3.2	4.0	5.6	4.3	4.1
30	- days' stock	136	98	122	171	131	124

*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: August 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	58,600	54,000	46,520	152,000	105,120
2	CEC Retentions	2,100	1,000	400	500	2,500	1,500
3	Available for the commercial market	95,900	57,600	53,600	46,020	149,500	103,620
4	SUPPLY						
5	Opening stock (1 Mch)	31,836	31,211	3,402	28,035	35,238	59,246
6	Prod deliveries	97,405	57,600	53,562	46,020	150,967	103,620
7	Imports for South Africa	55,824	50,000	0	0	55,824	50,000
8	Surplus	0	0	0	500	0	500
9	Total Supply	185,065	138,811	56,964	74,555	242,029	213,366
10	DEMAND						
11	Processed	134,912	113,400	26,510	48,500	161,422	161,900
12	- Indoor malting	3,792	1,500	7,612	9,000	11,404	10,500
13	- Floor malting	31,699	20,000	17,010	28,000	48,709	48,000
14	- Meal, rice & grits	92,089	85,000	630	10,000	92,719	95,000
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	900	2,370	1,900
20	Released to end-cons	1,273	1,300	209	200	1,482	1,500
21	Net receipts(-)/ disp(+)	154	600	-60	100	94	700
22	Deficit	4,345	3,000	-529	0	3,816	3,000
23	Exports	11,647	5,000	1,952	3,000	13,599	8,000
24	Total Demand	153,854	124,300	28,929	52,700	182,783	177,000
25	Ending Stock (28/29 Feb)	31,211	14,511	28,035	21,855	59,246	36,366
26	- processed p/month	11,243	9,450	2,209	4,042	13,452	13,492
27	- months' stock	2.8	1.5	13	5.4	4.4	2.7
28	- days' stock	84	47	386	164	134	82

Appendix 3: Detailed S & D table for Wheat: August 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	1,808,050
2	CEC (Retention)	35,000	30,000	35,000

3	SUPPLY			
4	Opening stock (1 Oct)	827,232	341,424	699,324
5	Prod deliveries*	1,870,525	1,540,000	1,773,050
6	Imports for South Africa	934,765	2,100,000	1,400,000
7	Surplus	9,249	8,000	10,000
8	Total Supply	3,641,771	3,989,424	3,882,374

9	DEMAND			
10	Processed	3,163,196	3,153,000	3,153,000
11	- human	3,160,660	3,150,000	3,150,000
12	- animal	2,536	3,000	3,000
13	- gristing	0	0	0
14	Withdrawn by producers	1,880	1,300	1,300
15	Released to end-consumers	1,256	1,800	1,800
16	Seed for planting purposes	24,067	19,000	19,000
17	Net receipts(-)/disp(+)	5,101	5,000	5,000
18	Deficit	0	0	0
19	Exports	104,847	110,000	115,000
20	- products	11,949	37,000	35,000
21	- whole wheat	92,898	73,000	80,000
22	Total Demand	3,300,347	3,290,100	3,295,100

23	Closing Stock (30 Sep)	341,424	699,324	587,274
24	- processed p/month	263,600	262,750	262,750
25	- months' stock	1.3	2.7	2.2
26	- days' stock	39	81	68

*Note: Adjusted figure based on actual deliveries from SAGIS, 31 Aug 2018.

Appendix 4: Detailed S & D table for Sunflower Seed: August 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	500
6	Surplus	12,173	8,000
7	Total Supply	1,047,984	1,021,946
8	DEMAND		
9	Processed	885,039	905,000
10	- human	1,487	1,500
11	- animal	5,737	3,500
12	- crush (oil and oilcake)	877,815	900,000
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	300
19	Total Demand	893,143	913,600
20	Ending Stock (28/29 Feb)	154,841	108,346
21	- processed p/month	73,753	75,417
22	- months' stock	2.1	1.4
23	- days' stock	64	44

Appendix 5: Detailed S & D table for Soybeans: August 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	10,000
7	Surplus	2,519	3,000
8	Total Supply	1,405,037	1,864,335

9	DEMAND		
10	Processed	1,063,783	1,198,000
11	- human	25,056	23,000
12	- animal feed (full fat soya)	147,302	175,000
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	1,210,100

21	Closing Stock (28/29 Feb)	330,535	654,235
22	- processed p/month	88,649	99,833
23	- months' stock	3.7	6.6
24	- days stock	113	199

This report is provided for information purposes only. It is not a complete analysis of every material fact respecting any/every commodity, company or industry that may be of consequence to stakeholders. The report reflects the judgment of the S&DEC at the time and date of publication. Data was obtained in good faith from sources believed to be reliable; however, the S&DEC makes no representations as to the completeness or accuracy thereof. The S&DEC does not accept any liability for any direct or consequential loss arising from the use of this report or its contents. This report is the exclusive property of the S&DEC and may be reproduced, redistributed or published by any recipient for any purpose, while acknowledging the source of information.

CONFIDENTIALITY ISSUES that S&DEC members are committed to adhere to on the day of the meeting:

- *No member is allowed to discuss information with anyone other than a member of the Committee before the embargo time;*
- *Only the NAMC may release the information to the media;*
- *Members must regard the detail of any information that was collected for and/or discussed during the meeting, as confidential.*

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

© 2018. Published by National Agricultural Marketing Council (NAMC).

Disclaimer:

Information contained in this document results from research funded wholly or in part by the NAMC acting in good faith. Opinions, attitudes and points of view expressed herein do not necessarily reflect the official position or policies of the NAMC. The NAMC makes no claims, promises, or guarantees about the accuracy, completeness, or adequacy of the contents of this document and expressly disclaims liability for errors and omissions regarding the content thereof. No warranty of any kind, implied, expressed, or statutory, including but not limited to the warranties of non-infringement of third party rights, title, merchantability, fitness for a particular purpose or freedom from computer virus is given with respect to the contents of this document in hardcopy, electronic format or electronic links thereto. Reference made to any specific product, process, and service by trade name, trade name, trade mark, manufacturer or another commercial commodity or entity are for information purposes only and do not imply approval endorsement or favouring by the NAMC.