National Agricultural Marketing Council
Promoting market access for South African agriculture

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 *July 2018* Report

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

SASDE – 62nd meeting held on the 31st of July 2018

THE SOUTH AFRICAN SUPPLY AND DEMAND PROJECTIONS FOR GRAINS AND OILSEEDS FOR *JULY 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 7 439 000 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consumption, 2 150 000 tons processed for animal and industrial consumption, 12 000 tons for gristing, 30 000 tons withdrawn by producers, 32 000 tons released to end-consumers and a balancing figure of 5 000 tons (net receipts and net dispatches).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 550 000 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 1 762 244 tons. At an average processed quantity of 563 500 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 7 483 625 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 5 864 000 tons. The total domestic demand is projected at 4 074 000 tons. This includes 570 000 tons processed for human consumption, 3 250 000 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 1 650 000 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 2 800 000 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 1 619 625 tons. At an average processed quantity of 319 333 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 16 684 869 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 13 303 000 tons. The total domestic demand is projected at 10 903 000 tons. This includes 5 170 000 tons processed for human consumption, 5 400 000 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 2 200 000 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 4 270 000 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 3 381 869 tons. At an average processed quantity of 882 833 tons per month, this represents available stock levels for 3.8 months or 117 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 167 281 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 56 070 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 134 800 tons. This includes 2 000 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 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 32 481 tons. At an average processed quantity of 10 325 tons per month, this represent available stock levels for 3.1 months or 96 days.

BITTER SORGHUM (2018/19 Season)

Supply: The total supply of bitter sorghum is projected 53 785 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 25 500 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 47 700 tons. This includes 9 000 tons for indoor malting, 27 000 tons for floor malting, 6 000 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 6 085 tons. At an average processed quantity of 3 625 tons per month, this represent available stock levels for 1.7 months or 51 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 182 500 tons. This includes 11 000 tons for indoor malting, 52 000 tons for floor malting, 96 000 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 38 566 tons. At an average processed quantity of 13 950 tons per month, this represent available stock levels for 2.8 months or 84 days.

See Appendix 2 for detailed S&D table.

WHEAT (2017/18 Season)

Supply: The total supply of wheat is projected at 3 806 424 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 1 525 000 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 3 241 800 tons. This includes 3 100 000 tons processed for human consumption, 2 700 tons processed for animal consumption, 1 400 tons withdrawn by producers, 1 700 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 37 000 tons processed products and 70 000 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 564 624 tons. At an average processed quantity of 258 558 tons per month, this represent available stock levels for 2.2 months or 66 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 853 600 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 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 101 996 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 1 864 335 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 1 207 100 tons. This includes 25 000 tons processed for human consumption, 170 000 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 510 000 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 657 235 tons. At an average processed quantity of 99 583 tons per month, this represent available stock levels for 6.6 months or 201 days.

See Appendix 5 for detailed S&D table.

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

Appendix 1: Detailed S & D table for White, Yellow and Total Maize: July 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 (March + April)**	0	117,369	0	122,548	0	239,917
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**	**6,762,591**	**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**	**3,832,000**	**10,299,680**	**10,594,000**

		White Maize	White Maize	Yellow Maize	Yellow Maize	Total Maize	Total Maize
	Marketing season	**Projection for 2017/18**	**Projection for 2018/19**	**Projection for 2017/18**	**Projection for 2018/19**	**Projection for 2017/18**	**Projection for 2018/19**
		tons	**tons**	**tons**	**tons**	**tons**	**tons**
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	3,250,000	5,276,447	5,400,000
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**	**4,074,000**	**10,598,793**	**10,903,000**
23	**Exports**	**851,969**	**610,000**	**1,629,739**	**1,790,000**	**2,481,708**	**2,400,000**
24	- products	42,038	60,000	150,836	140,000	192,874	200,000
25	- whole maize	809,931	550,000	1,478,903	1,650,000	2,288,834	2,200,000
26	**Total Demand**	**7,459,528**	**7,439,000**	**5,620,973**	**5,864,000**	**13,080,501**	**13,303,000**

27	**Closing Stock (30 Apr)**	**2,428,653**	**1,762,244**	**1,260,823**	**1,619,625**	**3,689,476**	**3,381,869**
28	- processed p/month	544,497	563,500	313,810	319,333	858,307	882,833
29	- months' stock	4.5	3.1	4.0	5.1	4.3	3.8
30	**- days' stock**	**136**	**95**	**122**	**154**	**131**	**117**

*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: July 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	57,070	54,000	26,000	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	56,070	53,600	25,500	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	56,070	53,562	25,500	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**	**167,281**	**56,964**	**53,785**	**242,029**	**221,066**
10	**DEMAND**						
11	**Processed**	**134,912**	**123,900**	**26,510**	**43,500**	**161,422**	**167,400**
12	- Indoor malting	3,792	2,000	7,612	9,000	11,404	11,000
13	- Floor malting	31,699	25,000	17,010	27,000	48,709	52,000
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

	Marketing season	Sweet Sorghum Final for 2017/18	Sweet Sorghum Projection for 2018/19	Bitter Sorghum Final for 2017/18	Bitter Sorghum Projection for 2018/19	Total Sorghum Final for 2017/18	Total Sorghum Projection for 2018/19
		tons	tons	tons	tons	tons	tons
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**	**134,800**	**28,929**	**47,700**	**182,783**	**182,500**

25	**Ending Stock (28/29 Feb)**	**31,211**	**32,481**	**28,035**	**6,085**	**59,246**	**38,566**
26	- processed p/month	11,243	10,325	2,209	3,625	13,452	13,950
27	- months' stock	2.8	3.1	13	1.7	4.4	2.8
28	**- days' stock**	**84**	**96**	**386**	**51**	**134**	**84**

Appendix 3: Detailed S & D table for Wheat: July 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	10,000
3	**SUPPLY**		
4	Opening stock (1 Oct)	827,232	341,424
5	Prod deliveries	1,870,525	1,525,000
6	Imports for South Africa	934,765	1,930,000
7	Surplus	9,249	10,000
8	**Total Supply**	**3,641,771**	**3,806,424**
9	**DEMAND**		
10	**Processed**	**3,163,196**	**3,102,700**
11	- human	3,160,660	3,100,000
12	- animal	2,536	2,700
13	- gristing	0	0
14	Withdrawn by producers	1,880	1,400
15	Released to end-consumers	1,256	1,700
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	107,000
20	- products	11,949	37,000
21	- whole wheat	92,898	70,000
22	**Total Demand**	**3,300,347**	**3,241,800**
23	**Closing Stock (30 Sep)**	**341,424**	**564,624**
24	- processed p/month	263,600	258,558
25	- months' stock	1.3	2.2
26	**- days' stock**	**39**	**66**

Appendix 4: Detailed S & D table for Sunflower Seed: July 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	300
19	**Total Demand**	**893,143**	**853,600**
20	**Ending Stock (28/29 Feb)**	**154,841**	**101,996**
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: July 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**	**1,195,000**
11	- human	25,056	25,000
12	- animal feed (full fat soya)	147,302	170,000
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**	**1,207,100**
21	**Closing Stock (28/29 Feb)**	**330,535**	**657,235**
22	- processed p/month	88,649	99,583
23	- months' stock	3.7	6.6
24	**- days stock**	**113**	**201**

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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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