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 fund the Grain and Oilseeds S&DE initiative.

Annexure A:

South African Supply and Demand Estimates *September 2017* Report

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

SASDE – 52nd meeting held on the 03rd of October 2017

THE SOUTH AFRICAN SUPPLY AND DEMAND PROJECTIONS FOR GRAINS AND OILSEEDS FOR *SEPTEMBER 2017* ARE AS FOLLOWS:

WHITE MAIZE (2017/18 Season)

Supply: The total supply of white maize is projected at 10 017 036 tons for the 2017/18 marketing season. This includes opening stock (at 1 May 2017) of 597 837 tons, and local commercial deliveries of 9 642 750 tons. No whole white maize imports for South Africa estimated, minus 253 551 tons' early deliveries with a surplus of 30 000 tons.

Demand: The total demand (local and exports) for white maize is projected at 7 235 000 tons. The total local demand is projected at 6 365 000 tons. This includes 4 480 000 tons processed for human consumption, 1 800 000 tons processed for animal and industrial consumption, 15 000 tons for gristing, 35 000 tons withdrawn by producers, 30 000 tons released to end-consumers and a balancing figure of 5 000 tons (net receipts and net dispatches). A projected export quantity of 70 000 tons of processed products and 800 000 tons of white whole maize is estimated for the 2017/18 marketing season.

(Please note: When utilizing as 45 days' stock proxy, there is potential for 2 800 000 tons of white whole maize available for exports for the 2017/18 marketing season).

Stock levels: The projected closing stock level at 30 April 2018 is estimated at 2 782 036 tons. At an average processed quantity of 524 583 tons per month, this represents available stock for 5.3 months or 161 days.

YELLOW MAIZE (2017/18 Season)

Supply: The total supply of yellow maize is projected at 7 065 409 tons for the 2017/18 marketing season. This includes opening stock (at 1 May 2017) of 496 801 tons, and local commercial deliveries of 6 451 250 tons. No yellow maize imports for South Africa estimated, early deliveries of 99 358 tons with a surplus of 18 000 tons.

Demand: The total demand (local and exports) for yellow maize is projected at 5 398 000 tons. The total local demand is projected at 4 068 000 tons. This includes 575 000 tons processed for human consumption, 3 200 000 tons processed for animal and industrial consumption, 13 000 tons for gristing, 85 000 tons withdrawn by producers, 180 000 tons released to end-consumers and a balancing figure of 15 000 tons (net receipts and net dispatches). A projected export quantity of 130 000 tons of processed products and 1 200 000 tons of yellow whole maize is estimated for the 2017/18 marketing season.

(Please note: When utilizing as 45 days' stock proxy, there is potential for 2 400 000 tons of yellow whole maize available for exports for the 2017/18 marketing season).

Stock levels: The projected closing stock level at 30 April 2018 is estimated at 1 667 409 tons. At an average processed quantity of 315 667 tons per month, this represents available stock for 5.3 months or 161 days.

TOTAL MAIZE (2017/18 Season)

Supply: The total supply of maize is projected at 17 082 445 tons for the 2017/18 marketing season. This includes opening stock (at 1 May 2017) of 1 094 638 tons, and local commercial deliveries of 16 094 000 tons. No whole maize imports for South Africa are expected, early deliveries of minus 154 193 tons with a surplus of 48 000 tons.

Demand: The total demand (local and exports) for maize is projected at 12 633 000 tons. The total local demand is projected at 10 433 000 tons. This includes 5 055 000 tons processed for human consumption, 5 000 000 tons processed for animal and industrial consumption, 28 000 tons for gristing, 120 000 tons withdrawn by producers, 210 000 tons released to end-consumers and a balancing figure of 20 000 tons (net receipts and net dispatches). A projected export quantity of 200 000 tons of processed products and 2 000 000 tons of total whole maize is estimated for the 2017/18 marketing season.

(Please note: When utilizing as 45 days' stock proxy, there is potential for 5 200 000 tons of total whole maize available for exports for the 2017/18 marketing season).

Stock levels: The projected closing stock level at 30 April 2018 is estimated at 4 449 445 tons. At an average processed quantity of 840 250 tons per month, this represents available stock for 5.3 months or 161 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 (2017/18 Season)

Supply: The total supply of sweet sorghum is projected at 186 171 tons for the 2017/18 marketing season. This includes an opening stock (at 1 March 2017) of 31 836 tons, local commercial deliveries of 94 335 tons, 60 000 tons' sweet sorghum imports for South Africa and no sweet sorghum surplus.

Demand: The total demand (local and exports) for sweet sorghum is projected at 157 500 tons. This includes 8 000 tons for indoor malting, 28 000 tons for floor malting, 95 000 tons for meal, rice and grits, 7 500 tons for feed, 1 000 tons withdrawn by producers, 1 000 tons released to end consumers, a balancing figure of 1 000 tons (net receipts and net dispatches) and a deficit of 4 000 tons. A projected export quantity of 12 000 tons of sweet sorghum is estimated for the 2017/18 marketing season.

Stock levels: The projected closing stock level at 28 February 2018 is estimated at 28 671 tons. At an average processed quantity of 11 542 tons per month, this represents available stock for 2.5 months or 76 days.

BITTER SORGHUM (2017/18 Season)

Supply: The total supply of bitter sorghum is projected 57 902 tons for the 2017/18 marketing season. This includes an opening stock (at 1 March 2017) of 3 402 tons, local commercial deliveries of 54 500 tons, no bitter sorghum imports for South Africa with no surplus.

Demand: The total demand (local and exports) for bitter sorghum is projected at 35 500 tons. This includes 6 000 tons for indoor malting, 22 000 tons for floor malting, 1 000 tons for meal, rice and grits, 1 000 tons for feed, 600 tons withdrawn by producers, 200 tons released to end consumers, a balancing figure of 200 tons (net receipts and net dispatches) and a deficit of 500 tons. A projected export quantity of 4 000 tons of bitter sorghum is estimated for the 2017/18 marketing season.

Stock levels: The projected closing stock level at 28 February 2018 is estimated at 22 402 tons. At an average processed quantity of 2 500 tons per month, this represents available stock for 9.0 months or 273 days.

TOTAL SORGHUM (2017/18 Season)

Supply: The total supply of sorghum is projected at 244 073 tons for the 2017/18 marketing season. This includes an opening stock (at 1 March 2017) of 35 238 tons, local commercial deliveries of 148 835 tons, 60 000 tons' sorghum imports for South Africa and no sorghum surplus.

Demand: The total demand (local and exports) for sorghum is projected at 193 000 tons. This includes 14 000 tons for indoor malting, 50 000 tons for floor malting, 96 000 tons for meal, rice and grits, 8 500 tons for feed, 1 600 tons withdrawn by producers, 1 200 tons released to end consumers, a balancing figure of 1 200 tons (net receipts and net dispatches) and a deficit of 4 500 tons. A projected export quantity of 16 000 tons of sorghum are available for exports for the 2017/18 marketing season.

Stock levels: The projected closing stock level at 28 February 2018 is estimated at 51 073 tons. At an average processed quantity of 14 042 tons per month, this represents available stock for 3.6 months or 111 days.

See Appendix 2 for detailed S&D table.

WHEAT (2016/17 Season)

Supply: The total supply of wheat is projected at 3 650 232 tons for the 2016/17 marketing season. This includes an opening stock (at 1 October 2016) of 827 232 tons, local commercial deliveries of 1 875 000 tons, whole wheat imports for South Africa of 940 000 tons and a surplus of 8 000 tons.

Demand: The total demand (local and exports) for wheat is projected at 3 292 300 tons. This includes 3 150 000 tons processed for human consumption, 2 400 tons processed for animal consumption, 2 000 tons withdrawn by producers, 1 300 tons released to end consumers, 24 100 tons projected seed for planting and a balancing figure of 8 000 tons (net receipts and net dispatches). A projected export quantity of 11 500 tons of processed products and 93 000 tons of whole wheat is estimated for the 2016/17 marketing season.

Stock levels: The projected closing stock level at 30 September 2017 is estimated at 357 932 tons. At an average processed quantity of 262 700 tons per month, this represents available stock for 1.4 months or 41 days.

WHEAT (2017/18 Season)

Supply: The total supply of wheat is projected at 3 849 582 tons for the 2017/18 marketing season. This includes an opening stock (at 1 October 2017) of 357 932 tons, local commercial deliveries of 1 684 650 tons, whole wheat imports for South Africa of 1 800 000 tons and a surplus of 7 000 tons.

Demand: The total demand (local and exports) for wheat is projected at 3 259 500 tons. This includes 3 150 000 tons processed for human consumption, 2 000 tons processed for animal consumption, 2 000 tons withdrawn by producers, 1 500 tons released to end consumers, 22 000 tons projected seed for planting and a balancing figure of 10 000 tons (net receipts and net dispatches). A projected export quantity of 12 000 tons of processed products and 60 000 tons of whole wheat is estimated for the 2017/18 marketing season.

Stock levels: The projected closing stock level at 30 September 2018 is estimated at 590 082 tons. At an average processed quantity of 262 667 tons per month, this represents available stock for 2.2 months or 68 days.

See Appendix 3 for detailed S&D table.

SUNFLOWER SEED (2017/18 Season)

Supply: The total supply of sunflower seed is projected at 1 046 181 tons for the 2017/18 marketing season. This includes an opening stock (at 1 March 2017) of 163 086 tons, local commercial deliveries of 874 595 tons, sunflower seed imports of 500 tons for South Africa and a surplus of 8 000 tons.

Demand: The total demand (local and exports) for sunflower seed is projected at 819 100 tons. This includes 1 700 tons processed for human consumption, 7 000 tons processed for animal consumption, 800 000 tons for crush for oil and oilcake, 700 tons withdrawn by producers, 3 500 tons released to end consumers, 3 400 tons seed for planting purposes and a balancing figure of 2 500 tons (net receipts and net dispatches). A quantity of 300 tons for exports is projected for the 2017/18 marketing season.

Stock levels: The projected closing stock level at 28 February 2018 is estimated at 227 081 tons. At an average processed quantity of 67 392 tons per month, this represents available stock for 3.4 months or 102 days.

See Appendix 4 for detailed S&D table.

SOYBEANS (2017/18 Season)

Supply: The total supply of soybeans is projected at 1 397 162 tons for the 2017/18 marketing season. This includes an opening stock (at 1 March 2017) of 84 792 tons, local commercial deliveries of 1 284 370 tons, soybeans imports of 25 000 tons for South Africa and a surplus of 3 000 tons.

Demand: The total demand (local and exports) for soybeans is projected at 1 160 700 tons. This includes 28 000 tons processed for human consumption, 140 000 tons processed for animal (full fat) consumption, 950 000 tons for crush for oil and oilcake, 2 000 tons withdrawn by producers, 2 000 tons released to end consumers, 7 200 tons seed for planting, and a balancing figure of 1 500 tons (net receipts and net dispatches). A quantity of 30 000 tons soybeans is projected for exports for the 2017/18 marketing season.

Stock levels: The projected closing stock level at 28 February 2018 is estimated at 236 462 tons. At an average processed quantity of 93 167 tons per month, this represents available stock for 2.5 months or 77 days.

See Appendix 5 for detailed S&D table.

PLEASE NOTE: The October 2017 SASDE Report will be released on the **31st of October 2017**

Appendix 1: Detailed S & D table for White, Yellow and Total Maize September 2017

		White Maize	White Maize	Yellow Maize	Yellow Maize	Total Maize	Total Maize
	Marketing season	**Final for 2016/17**	**Projection for 2017/18**	**Final for 2016/17**	**Projection for 2017/18**	**Final for 2016/17**	**Projection for 2017/18**
		tons	**tons**	**tons**	**tons**	**tons**	**tons**
1	CEC (Crop Estimate)	3,408,500	9,892,750	4,370,000	6,851,250	7,778,500	16,744,000
2	CEC (Retention)	0	250,000	0	400,000	0	650,000
3	Min: Early deliveries for current season (Mar + Apr)**	0	503,551	0	300,642	0	804,193
4	Plus: Early deliveries for next season (Mar + Apr)**	0	250,000	0	400,000	0	650,000
5	**Available for the commercial market**	**3,408,500**	**9,389,199**	**4,370,000**	**6,550,608**	**7,778,500**	**15,939,807**
6	**SUPPLY**						
7	Opening stock (1 May)	1,307,867	597,837	1,163,200	496,801	2,471,067	1,094,638
8	Producer deliveries	3,551,822	9,642,750	3,917,778	6,451,250	7,469,600	16,094,000
9	Imports for South Africa	644,144	0	1,592,599	0	2,236,743	0
10	Early deliveries (Net)*	0	-253,551	0	99,358	0	-154,193
11	Surplus	31,994	30,000	12,423	18,000	44,417	48,000
12	**Total Supply**	**5,535,827**	**10,017,036**	**6,686,000**	**7,065,409**	**12,221,827**	**17,082,445**
13	**DEMAND**						
14	**Processed for the local market**	**4,331,787**	**6,295,000**	**5,506,922**	**3,788,000**	**9,838,709**	**10,083,000**
15	- human	4,232,583	4,480,000	576,638	575,000	4,809,221	5,055,000
16	- animal and industrial	86,153	1,800,000	4,917,657	3,200,000	5,003,810	5,000,000
17	- gristing	13,051	15,000	12,627	13,000	25,678	28,000
18	Withdrawn by prod	14,083	35,000	80,865	85,000	94,948	120,000
19	Released to end-cons	5,660	30,000	151,800	180,000	157,460	210,000
20	Net receipts(-)/disp(+)	-963	5,000	10,733	15,000	9,770	20,000
21	Deficit	0	0	0	0	0	0
22	**Local demand**	**4,350,567**	**6,365,000**	**5,750,320**	**4,068,000**	**10,100,887**	**10,433,000**
23	**Exports**	**587,423**	**870,000**	**438,879**	**1,330,000**	**1,026,302**	**2,200,000**
24	- products	41,042	70,000	148,070	130,000	189,112	200,000
25	- whole maize	546,381	800,000	290,809	1,200,000	837,190	2,000,000
26	**Total Demand**	**4,937,990**	**7,235,000**	**6,189,199**	**5,398,000**	**11,127,189**	**12,633,000**
27	**Closing Stock (30 Apr)**	**597,837**	**2,782,036**	**496,801**	**1,667,409**	**1,094,638**	**4,449,445**
28	- processed p/month	360,982	524,583	458,910	315,667	819,892	840,250
29	- months' stock	1.7	5.3	1.1	5.3	1.3	5.3
30	**- days' stock**	**50**	**161**	**33**	**161**	**41**	**161**

*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 2017

		Sweet Sorghum	Sweet Sorghum	Bitter Sorghum	Bitter Sorghum	Total Sorghum	Total Sorghum
	Marketing season	**Final for 2016/17**	**Projection for 2017/18**	**Final for 2016/17**	**Projection for 2017/18**	**Final for 2016/17**	**Projection for 2017/18**
		tons	**tons**	**tons**	**tons**	**tons**	**tons**
1	CEC (Crop Estimate)	54,141	96,335	16,359	55,000	70 500	151,335
2	CEC Retentions	0	2,000	0	500	0	2,500
3	**Available for the commercial market**	0	94,335	0	54,500	0	148,835
4	**SUPPLY**						
5	Opening stock (1 Mch)	57,445	31,836	25,697	3,402	83,142	35,238
6	Prod deliveries	52,601	94,335	15,977	54,500	68,578	148,835
7	Imports for South Africa	74,957	60,000	0	0	74,957	60,000
8	Surplus	0	0	0	0	0	0
9	**Total Supply**	**185,003**	**186,171**	**41,674**	**57,902**	**226,677**	**244,073**
10	**DEMAND**						
11	**Processed**	**136,753**	**138,500**	**33,562**	**30,000**	**170,315**	**168,500**
12	- Indoor malting	3,614	8,000	8,092	6,000	11,706	14,000
13	- Floor malting	28,518	28,000	22,508	22,000	51,026	50,000
14	- Meal, rice & grits	97,363	95,000	509	1,000	97,872	96,000
15	- Pet Food	937	1,000	64	100	1,001	1,100
16	- Poultry feed	3,227	3,700	760	600	3,987	4,300
17	- Livestock feed	3,094	2,800	1,629	300	4,723	3,100
18	Bio-fuel	0	0	0	0	0	0
19	Withdrawn by prod	181	1,000	463	600	644	1,600
20	Released to end-cons	1,161	1,000	48	200	1,209	1,200
21	Net receipts (-)/disp(+)	1,291	1,000	-190	200	1,101	1,200
22	Deficit	5,412	4,000	109	500	5,521	4,500
23	Exports	8,369	12,000	4,280	4,000	12,649	16,000
24	**Total Demand**	**153,167**	**157,500**	**38,272**	**35,500**	**191,439**	**193,000**
25	**Ending Stock (28/29 Feb)**	**31,836**	**28,671**	**3,402**	**22,402**	**35,238**	**51,073**
26	- processed p/month	11,396	11,542	2,797	2,500	14,193	14,042
27	- months' stock	2.8	2.5	1.2	9.0	2.5	3.6
28	**- days' stock**	**85**	**76**	**37**	**273**	**76**	**111**

Appendix 3: Detailed S & D table for Wheat September 2017

		Wheat	Wheat	Wheat
	Marketing season	**Final for 2015/16**	**Projection for 2016/17**	**Projection for 2017/18**
		tons	**tons**	**tons**
1	CEC (Crop Estimate)	1,440,000	1,910,000	1,716,650
2	CEC (Retention)	NA	35,000	32,000
3	**SUPPLY**			
4	Opening stock (1 Oct)	596,823	827,232	357,932
5	Prod deliveries*	1,406,752	1,875,000	1,684,650
6	Imports for South Africa	2,062,765	940,000	1,800,000
7	Surplus	8,807	8,000	7,000
8	**Total Supply**	**4,075,147**	**3,650,232**	**3,849,582**
9	**DEMAND**			
10	**Processed**	**3,144,414**	**3,152,400**	**3,152,000**
11	- human	3,142,077	3,150,000	3,150,000
12	- animal	2,337	2,400	2,000
13	- gristing	0	0	0
14	Withdrawn by producers	1,834	2,000	2,000
15	Released to end-consumers	1,907	1,300	1,500
16	Seed for planting purposes	18,800	24,100	22,000
17	Net receipts(-)/disp(+)	12,435	8,000	10,000
18	Deficit	0	0	0
19	Exports	68,525	104,500	72,000
20	- products	14,517	11,500	12,000
21	- whole wheat	54,008	93,000	60,000
22	**Total Demand**	**3,247,915**	**3,292,300**	**3,259,500**
23	**Closing Stock (30 Sep)**	**827,232**	**357,932**	**590,082**
24	- processed p/month	262,035	262,700	262,667
25	- months' stock	3.2	1.4	2.2
26	**- days' stock**	**96**	**41**	**68**

Appendix 4: Detailed S & D table for Sunflower Seed September 2017

		Sunflower Seed	Sunflower Seed
	Marketing season	**Final for 2016/17**	**Projection for 2017/18**
		tons	**tons**
1	CEC (Crop Estimate)	755,000	874,595
2	**SUPPLY**		
3	Opening stock (1 March)	45,867	163,086
4	Prod deliveries	759,614	874,595
5	Imports for South Africa	70,643	500
6	Surplus	4,268	8,000
7	**Total Supply**	**880,392**	**1,046,181**
8	**DEMAND**		
9	**Processed**	**707,327**	**808,700**
10	- human	1,192	1,700
11	- animal	10,665	7,000
12	- crush (oil and oilcake)	695,470	800,000
13	Withdrawn by producers	605	700
14	Released to end-consumers	2,867	3,500
15	Seed for planting purposes	3,474	3,400
16	Net receipts(-)/disp(+)	2,828	2,500
17	Deficit	0	0
18	Exports	205	300
19	**Total Demand**	**717,306**	**819,100**
20	**Ending Stock (28/29 Feb)**	**163,086**	**227,081**
21	- processed p/month	58,944	67,392
22	- months' stock	2.8	3.4
23	**- days' stock**	**84**	**102**

Appendix 5: Detailed S & D table for Soybeans for September 2017

		Soybeans	Soybeans
	Marketing season	**Final for 2016/17**	**Projection for 2017/18**
		tons	**tons**
1	CEC (Crop Estimate)	742,000	1,316,370
2	Retention	0	32,000
3	**SUPPLY**		
4	Opening stock (1 March)	89,128	84,792
5	Prod deliveries	713,660	1,284,370
6	Imports for South Africa	271,098	25,000
7	Surplus	1,122	3,000
8	**Total Supply**	**1,075,008**	**1,397,162**
9	**DEMAND**		
10	**Processed**	**974,901**	**1,118,000**
11	- human	23,875	28,000
12	- animal feed (full fat soya)	98,718	140,000
13	- crush (oil/oilcake)	852,308	950,000
14	Withdrawn by producers	367	2,000
15	Released to end-consumers	1,098	2,000
16	Seed for planting purposes	5,678	7,200
17	Net receipts(-)/disp(+)	1,427	1,500
18	Deficit	0	0
19	Exports	6,745	30,000
20	**Total Demand**	**990,216**	**1,160,700**
21	**Closing Stock (28/29 Feb)**	**84,792**	**236,462**
22	- processed p/month	81,242	93,167
23	- months' stock	1.0	2.5
24	**- days stock**	**32**	**77**

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- *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

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