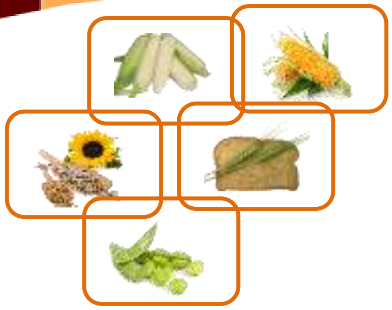

National Agricultural Marketing Council
Promoting market access for South African agriculture

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 2019* Report

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

SASDE – 77th meeting, 28th of October 2019

THE SOUTH AFRICAN SUPPLY AND DEMAND PROJECTIONS FOR GRAINS AND OILSEEDS FOR *October 2019* ARE AS FOLLOWS:

WHITE MAIZE (2019/20 Season)

Supply: The total supply of white maize is projected at 7 221 340 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 May 2019) of 1 798 998 tons and local commercial deliveries of 5 378 240 tons. No whole white maize imports are estimated for the current season, with net early deliveries of 34 102 tons and a surplus of 10 000 tons.

Demand: The total demand (domestic plus exports) for white maize is projected at 6 078 000 tons. The total domestic demand is projected at 5 398 000 tons. This includes 4 650 000 tons processed for human consumption, 700 000 tons processed for animal and industrial consumption, 11 000 tons for gristing, 15 000 tons withdrawn by producers, 18 000 tons released to end-consumers and a balancing figure of 4 000 tons (net receipts and net dispatches). A projected export quantity of 80 000 tons of processed products and 600 000 tons of white whole maize is estimated for exports for the 2019/20 marketing season.

(Please note: When utilizing 45 days' stock as a proxy, there is potential for 1 080 000 tons of white maize available for exports for the 2019/20 marketing season. The S&DEC take cognizance of the maize requirements for countries north of South Africa).

Stock levels: The projected closing stock level at 30 April 2020 is estimated at 1 143 340 tons. At an average processed quantity of 446 750 tons per month, this represent available stock levels for 2.6 months or 78 days.

YELLOW MAIZE (2019/20 Season)

Supply: The total supply of yellow maize is projected at 6 714 853 tons for the 2019/20 marketing season. This includes an opening stock (at 1 May 2019) of 864 088 tons and local commercial deliveries of 5 297 810 tons. Yellow maize imports of 470 000 tons are estimated for the current season, early deliveries of 68 955 tons and a surplus of 14 000 tons.

Demand: The total demand (domestic plus exports) for yellow maize is projected at 6 156 500 tons. The total domestic demand is projected at 5 666 500 tons. This includes 580 000 tons processed for human consumption, 4 900 000 tons processed for animal and industrial consumption, 11 500 tons for gristing, 45 000 tons withdrawn by producers, 120 000 tons released to end-consumers and a balancing figure of 10 000 tons (net receipts and net dispatches). A projected export quantity of 140 000 tons of processed products and 350 000 tons of yellow whole maize is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 30 April 2020 is estimated at 558 353 tons. At an average processed quantity of 457 625 tons per month, this represent available stock levels for 1.2 months or 37 days.

TOTAL MAIZE (2019/20 Season)

Supply: The total supply of maize is projected at 13 936 193 tons for the 2019/20 marketing season. This includes an opening stock (at 1 May 2019) of 2 663 086 tons and local commercial deliveries of 10 676 050 tons. Whole maize imports of 470 000 tons are estimated, with early deliveries of 103 057 tons and a surplus of 24 000 tons.

Demand: The total demand (domestic plus exports) for maize is projected at 12 234 500 tons. The total domestic demand is projected at 11 064 500 tons. This includes 5 230 000 tons processed for human consumption, 5 600 000 tons processed for animal and industrial consumption, 22 500 tons for gristing, 60 000 tons withdrawn by producers, 138 000 tons released to end-consumers and a balancing figure of 14 000 tons (net receipts and net dispatches). A projected export quantity of 220 000 tons of processed products and 950 000 tons of total whole maize is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 30 April 2020 is estimated at 1 701 693 tons. At an average processed quantity of 904 375 tons per month, this represents available stock levels for 1.9 months or 57 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 (2019/20 Season)

Supply: The total supply of sweet sorghum is projected at 169 524 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 March 2019) of 34 954 tons, local commercial deliveries of 91 870 tons, imports of 42 000 tons for South Africa and a sweet sorghum surplus of 700 tons.

Demand: The total demand (domestic plus exports) for sweet sorghum is projected at 139 450 tons. This includes 2 000 tons for indoor malting, 20 000 tons for floor malting, 100 000 tons for meal, rice and grits, 9 150 tons for feed, 900 tons withdrawn by producers, 900 tons released to end consumers, and a balancing figure of 500 tons (net receipts and net dispatches). A projected export quantity of 6 000 tons of sweet sorghum is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 28 February 2020 is estimated at 30 074 tons. At an average processed quantity of 10 929 tons per month, this represent available stock levels for 2.8 months or 84 days.

BITTER SORGHUM (2019/20 Season)

Supply: The total supply of bitter sorghum is projected 59 661 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 March 2019) of 16 906 tons, local commercial deliveries of 42 155 tons, bitter sorghum imports of 400 tons and a surplus of 200 tons for South Africa.

Demand: The total demand (domestic plus exports) for bitter sorghum is projected at 44 400 tons. This includes 9 000 tons for indoor malting, 30 000 tons for floor malting, 2 500 tons for meal, rice and grits, 1 200 tons for feed, 400 tons withdrawn by producers, 50 tons released to end consumers, a balancing figure of 150 tons (net receipts and net dispatches), and a zero deficit. A projected export quantity of 1 100 tons of bitter sorghum is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 28 February 2020 is estimated at 15 261 tons. At an average processed quantity of 3 558 tons per month, this represent available stock levels for 4.3 months or 130 days.

TOTAL SORGHUM (2019/20 Season)

Supply: The total supply of sorghum is projected at 229 185 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 March 2019) of 51 860 tons, local commercial deliveries of 134 025 tons, sorghum imports of 42 400 tons for South Africa with a surplus of 900 tons.

Demand: The total demand (domestic plus exports) for sorghum is projected at 183 850 tons. This includes 11 000 tons for indoor malting, 50 000 tons for floor malting, 102 500 tons for meal, rice and grits, 10 350 tons for feed, 1 300 tons withdrawn by producers, 950 tons released to end consumers, a balancing figure of 650 tons (net receipts and net dispatches), and a zero deficit. A projected export quantity of 7 100 tons of total sorghum is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 28 February 2020 is estimated at 45 335 tons. At an average processed quantity of 14 488 tons per month, this represent available stock levels for 3.1 months or 95 days.

See Appendix 2 for detailed S&D table.

WHEAT (2019/20 Season)

Supply: The total supply of wheat is projected at 3 960 290 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 October 2019) of 541 820 tons, local commercial deliveries of 1 660 470 tons, whole wheat imports estimated for South Africa of 1 750 000 tons and a surplus of 8 000 tons.

Demand: The total demand (domestic plus exports) for wheat is projected at 3 411 300 tons. This includes 3 270 000 tons processed for human consumption, 3 000 tons processed for animal consumption, 1 000 tons withdrawn by producers, 2 100 tons released to end consumers, 20 000 tons projected seed for planting purposes and a balancing figure of 4 200 tons (net receipts and net dispatches). A projected export quantity of 11 000 tons processed products and 100 000 tons whole wheat is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 30 September 2020 is estimated at 548 990 tons. At an average processed quantity of 272 750 tons per month, this represent available stock levels for 2.0 months or 61 days.

See Appendix 3 for detailed S&D table.

SUNFLOWER SEED (2019/20 Season)

Supply: The total supply of sunflower seed is projected at 847 105 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 March 2019) of 120 165 tons, local commercial deliveries of 680 940 tons, sunflower seed imports of 40 000 tons for South Africa and a surplus of 6 000 tons.

Demand: The total demand (domestic plus exports) for sunflower seed is projected at 754 550 tons. This includes 1 550 tons processed for human consumption, 6 000 tons processed for animal consumption, 740 000 tons for crush (oil and oilcake), 600 tons withdrawn by producers, 1 200 tons released to end consumers, 3 200 tons seed for planting purposes and a balancing figure of 1 500 tons (net receipts and net dispatches). A quantity of 500 tons is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 28 February 2020 is estimated at 92 555 tons. At an average processed quantity of 62 296 tons per month, this represents available stock levels for 1.5 months or 45 days.

See Appendix 4 for detailed S&D table.

SOYBEANS (2019/20 Season)

Supply: The total supply of soybeans is projected at 1 655 086 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 March 2019) of 502 241 tons, local commercial deliveries of 1 140 345 tons, soybean import of 9 500 tons for South Africa and a surplus of 3 000 tons.

Demand: The total demand (domestic plus exports) for soybeans is projected at 1 462 450 tons. This includes 25 500 tons processed for human consumption, 220 000 tons processed for animal (full fat) consumption, 1 200 000 tons for crush (oil and oilcake), 750 tons withdrawn by producers, 450 tons released to end consumers, 11 000 tons seed for planting purposes, and a balancing figure of 750 tons (net receipts and net dispatches). A quantity of 4 000 tons soybeans is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 28 February 2020 is estimated at 192 636 tons. At an average processed quantity of 120 458 tons per month, this represents available stock levels for 1.6 months or 49 days.

See Appendix 5 for detailed S&D table.

PLEASE NOTE: The November 2019 SASDE Report will be released on the **29th** of **November 2019**.

Appendix 1: Detailed S & D table for White, Yellow and Total Maize - October 2019

	Marketing season	White Maize Final for 2018/19	White Maize Projection for 2019/20	Yellow Maize Final for 2018/19	Yellow Maize Projection for 2019/20	Total Maize Final for 2018/19	Total Maize Projection for 2019/20
		tons	tons	tons	tons	tons	tons
1	CEC (Crop Estimate)	6,540,000	5,538,240	5,970,000	5,647,810	12,510,000	11,186,050
2	CEC (Retention)	0	160,000	0	350,000	0	510,000
3	Min: Early deliveries for current season (Mar + Apr)*	0	85,898	0	181,045	0	266,943
4	Plus: Early deliveries for next season (Mar + Apr)**	0	120,000	0	250,000	0	370,000
5	**Available for the commercial market**	**6,540,000**	**5,412,342**	**5,970,000**	**5,366,765**	**12,510,000**	**10,779,107**
6	**SUPPLY**						
7	Opening stock (1 May)	2,428,653	1,798,998	1,260,823	864,088	3,689,476	2,663,086
8	Producer deliveries	6,308,941	5,378,240	5,674,911	5,297,810	11,983,852	10,676,050
9	Imports for South Africa	0	0	171,622	470,000	171,622	470,000
10	Early deliveries (Net)	0	34,102	0	68,955	0	103,057
11	Surplus	1,403	10,000	20,770	14,000	22,173	24,000
12	**Total Supply**	**8,738,997**	**7,221,340**	**7,128,126**	**6,714,853**	**15,867,123**	**13,936,193**
13	**DEMAND**						
14	**Processed for the local market**	**6,283,320**	**5,361,000**	**4,407,657**	**5,491,500**	**10,690,977**	**10,852,500**
15	- human	4,594,123	4,650,000	566,649	580,000	5,160,772	5,230,000
16	- animal and industrial	1,677,236	700,000	3,829,944	4,900,000	5,507,180	5,600,000
17	- gristing	11,961	11,000	11,064	11,500	23,025	22,500
18	Withdrawn by prod	12,844	15,000	51,420	45,000	64,264	60,000
19	Released to end-cons	22,946	18,000	128,697	120,000	151,643	138,000
20	Net receipts(-)/disp(+)	4,238	4,000	8,857	10,000	13,095	14,000
21	Deficit	0	0	0	0	0	0
22	**Local demand**	**6,323,348**	**5,398,000**	**4,596,631**	5,666,500	**10,919,979**	**11,064,500**
23	**Exports**	**616,651**	**680,000**	**1,667,407**	**490,000**	**2,284,058**	**1,170,000**
24	- products	72,280	80,000	141,312	140,000	213,592	220,000
25	- whole maize**	544,371	600,000	1,526,095	350,000	2,070,466	950,000
26	**Total Demand**	**6,939,999**	**6,078,000**	**6,264,038**	**6,156,500**	**13,204,037**	**12,234,500**
27	**Closing Stock (30 Apr)**	**1,798,998**	**1,143,340**	**864,088**	**558,353**	**2,663,086**	**1,701,693**
28	- processed p/month	523,610	446,750	367,305	457,625	890,915	904,375
29	- months' stock	3.4	2.6	2.4	1.2	3.0	1.9
30	**- days' stock**	**105**	**78**	**72**	**37**	**91**	**57**

For the current marketing season early deliveries of maize which occurred during January and February 2019, are included in the 2019/20 seasons' estimate (as per CEC estimates).
***The S&DEC takes cognisance of a tender awarded of 150 000 tons of white maize for delivery to Zimbabwe. The tender although allocated, the payment terms have not been finalized, hence not included in the calculation.*

Appendix 2: Detailed S & D table for Sorghum - October 2019

		Sweet Sorghum		Bitter Sorghum		Total Sorghum	
	Marketing season	**Final for 2018/19**	**Projection for 2019/20**	**Final for 2018/19**	**Projection for 2019/20**	**Final for 2018/19**	**Projection for 2019/20**
		tons	**tons**	**tons**	**tons**	**tons**	**tons**
1	CEC (Crop Estimate)	65,150	92,270	49,850	42,255	115,000	134,525
2	CEC Retentions	300	400	150	100	450	500
3	**Available for the commercial market**	64,850	91,870	49,700	42,155	114,550	134,025
4	**SUPPLY**						
5	Opening stock (1 Mch)	31,211	34,954	28,035	16,906	59,246	51,860
6	Prod deliveries	64,887	91,870	50,507	42,155	115,394	134,025
7	Imports for South Africa	43,620	42,000	2,119	400	45,739	42,400
8	Surplus	2,955	700	0	200	2,955	900
9	**Total Supply**	**142,673**	**169,524**	**80,661**	**59,661**	**223,334**	**229,185**
10	**DEMAND**						
11	**Processed**	**99,131**	**131,150**	**55,613**	**42,700**	**154,744**	**173,850**
12	- Indoor malting	618	2,000	9,121	9,000	9,739	11,000
13	- Floor malting	10,569	20,000	36,044	30,000	46,613	50,000
14	- Meal, rice & grits	79,316	100,000	8,399	2,500	87,715	102,500
15	- Pet Food	850	850	0	0	850	850
16	- Poultry feed	5,615	5,800	985	900	6,600	6,700
17	- Livestock feed	2,163	2,500	1,064	300	3,227	2,800
18	Bio-fuel	0	0	0	0	0	0
19	Withdrawn by prod	644	900	388	400	1,032	1,300
20	Released to end-cons	740	900	26	50	766	950
21	Net receipts(-)/disp(+)	383	500	500	150	883	650
22	Deficit	0	0	4,567	0	4,567	0
23	Exports	6,821	6,000	2,661	1,100	9,482	7,100
24	**Total Demand**	**107,719**	**139,450**	**63,755**	**44,400**	**171,474**	**183,850**
25	**Ending Stock (28/29 Feb)**	**34,954**	**30,074**	**16,906**	**15,261**	**51,860**	**45,335**
26	- processed p/month	8,261	10,929	4,634	3,558	12,895	14,488
27	- months' stock	4.2	2.8	3.6	4.3	4.0	3.1
28	**- days' stock**	**129**	**84**	**111**	**130**	**122**	**95**

Appendix 3: Detailed S & D table for Wheat - October 2019

		Wheat	
	Marketing season	**Pre-final for 2018/19**	**Projection for 2019/20**
		tons	**tons**
1	CEC (Crop Estimate)	1,868,000	1,695,470
2	CEC (Retention)	33,000	35,000
3	**SUPPLY**		
4	Opening stock (1 Oct)	721,534	541,820
5	Prod deliveries	1,847,134	1,660,470
6	Imports for South Africa	1,369,380	1,750,000
7	Surplus	11,989	8,000
8	**Total Supply**	**3,950,037**	**3,960,290**
9	**DEMAND**		
10	**Processed**	**3,265,339**	**3,273,000**
11	- human	3,262,158	3,270,000
12	- animal	3,181	3,000
13	- gristing	0	0
14	Withdrawn by producers	1,005	1,000
15	Released to end-consumers	2,188	2,100
16	Seed for planting purposes	19,222	20,000
17	Net receipts(-)/disp(+)	2,151	4,200
18	Deficit	0	0
19	**Exports**	118,312	111,000
20	- products	10,055	11,000
21	- whole wheat	108,257	100,000
22	**Total Demand**	**3,408,217**	**3,411,300**
23	**Closing Stock (30 Sep)**	**541,820**	**548,990**
24	- processed p/month	272,112	272,750
25	- months' stock	2.0	2.0
26	**- days' stock**	**61**	**61**

Appendix 4: Detailed S & D table for Sunflower Seed – October 2019

		Sunflower Seed	
	Marketing season	**Final for 2018/19**	**Projection for 2019/20**
		tons	**tons**
1	CEC (Crop Estimate)	862,000	680,940
2	**SUPPLY**		
3	Opening stock (1 Mch)	154,841	120,165
4	Prod deliveries	863,184	680,940
5	Imports for South Africa	1,324	40,000
6	Surplus	6,863	6,000
7	**Total Supply**	**1,026,212**	**847,105**
8	**DEMAND**		
9	**Processed**	**900,045**	**747,550**
10	- human	1,609	1,550
11	- animal	5,114	6,000
12	- crush (oil and oilcake)	893,322	740,000
13	Withdrawn by producers	519	600
14	Released to end-consumers	1,764	1,200
15	Seed for planting purposes	3,582	3,200
16	Net receipts(-)/disp(+)	-378	1,500
17	Deficit	0	0
18	Exports	515	500
19	**Total Demand**	**906,047**	**754,550**
20	**Ending Stock (28/29 Feb)**	**120,165**	**92,555**
21	- processed p/month	75,004	62,296
22	- months' stock	1.6	1.5
23	**- days' stock**	**49**	**45**

Appendix 5: Detailed S & D table for Soybeans – October 2019

		Soybeans	
	Marketing season	**Final for 2018/19**	**Projection for 2019/20**
		tons	**tons**
1	CEC (Crop Estimate)	1,540,000	1,170,345
2	Retention	0	30,000
3	**SUPPLY**		
4	Opening stock (1 Mch)	330,535	502,241
5	Prod deliveries	1,502,976	1,140,345
6	Imports for South Africa	6,945	9,500
7	Surplus	4,497	3,000
8	**Total Supply**	**1,844,953**	**1,655,086**
9	**DEMAND**		
10	**Processed**	**1,298,544**	**1,445,500**
11	- human	25,005	25,500
12	- animal feed (full fat soya)	218,973	220,000
13	- crush (oil/oilcake)	1,054,566	1,200,000
14	Withdrawn by producers	567	750
15	Released to end-consumers	431	450
16	Seed for planting purposes	10,599	11,000
17	Net receipts(-)/disp(+)	-239	750
18	Deficit	0	0
19	Exports	32,810	4,000
20	**Total Demand**	**1,342,712**	**1,462,450**
21	**Closing Stock (28/29 Feb)**	**502,241**	**192,636**
22	- processed p/month	108,212	120,458
23	- months' stock	4.6	1.6
24	**- days stock**	**141**	**49**

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- *Members must regard the detail of any information that was collected for and/or discussed during the meeting, as confidential.*

Compiled by the South African Grain & Oilseeds Supply & Demand Estimates Committee

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