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 *December 2016* Report

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

SASDE – 42nd meeting held on the 11th of January 2017

THE SOUTH AFRICAN SUPPLY AND DEMAND PROJECTIONS FOR GRAINS AND OILSEEDS FOR *DECEMBER 2016* ARE AS FOLLOWS:

WHITE MAIZE (2016/17 Season)

Supply: The total supply of white maize is projected at 5 418 586 tons for the 2016/17 marketing season. This includes opening stock (at 1 May 2016) of 1 307 867 tons, and local commercial deliveries of 3 173 775 tons. Whole white maize imports of 850 000 tons are expected, 61 944 tons' early deliveries with a surplus of 25 000 tons.

Demand: The total demand (local and exports) for white maize is projected at 4 912 000 tons. The total local demand is projected at 4 322 000 tons. This includes 4 220 000 tons processed for human consumption, 60 000 tons processed for animal and industrial consumption, 15 000 tons for gristing, 12 000 tons withdrawn by producers, 8 000 tons released to end-consumers and a balancing figure of 7 000 tons (net receipts and net dispatches). A projected export quantity of 70 000 tons of processed products and 520 000 tons of white whole maize is estimated for the 2016/17 marketing season.

Stock levels: The projected closing stock level at 30 April 2017 is estimated at 506 586 tons. At an average processed quantity of 357 917 tons per month, this represents available stock for 1.4 months or 43 days.

YELLOW MAIZE (2016/17 Season)

Supply: The total supply of yellow maize is projected at 6 911 345 tons for the 2016/17 marketing season. This includes opening stock (at 1 May 2016) of 1 163 200 tons, and local commercial deliveries of 3 933 100 tons. Yellow maize imports of 1 800 000 tons are expected, 45 tons of early deliveries with a surplus of 15 000 tons.

Demand: The total demand (local and exports) for yellow maize is projected at 6 302 000 tons. The total local demand is projected at 5 902 000 tons. This includes 630 000 tons processed for human consumption, 5 000 000 tons processed for animal and industrial consumption, 12 000 tons for gristing, 80 000 tons withdrawn by producers, 150 000 tons released to end-consumers and a balancing figure of 30 000 tons (net receipts and net dispatches). A projected export quantity of 100 000 tons of processed products and 300 000 tons of yellow whole maize is estimated for the 2016/17 marketing season.

Stock levels: The projected closing stock level at 30 April 2017 is estimated at 609 345 tons. At an average processed quantity of 470 167 tons per month, this represents available stock for 1.3 months or 39 days.

TOTAL MAIZE (2016/17 Season)

Supply: The total supply of maize is projected at 12 329 931 tons for the 2016/17 marketing season. This includes opening stock (at 1 May 2016) of 2 471 067 tons, and local commercial deliveries of 7 106 875 tons. Whole maize imports of 2 650 000 tons are expected, early deliveries of 61 989 tons with a surplus of 40 000 tons.

Demand: The total demand (local and exports) for maize is projected at 11 214 000 tons. The total local demand is projected at 10 224 000 tons. This includes 4 850 000 tons processed for human consumption, 5 060 000 tons processed for animal and industrial consumption, 27 000 tons for gristing, 92 000 tons withdrawn by producers, 158 000 tons released to end-consumers and a balancing figure of 37 000 tons (net receipts and net dispatches). A projected export quantity of 170 000 tons of processed products and 820 000 tons of total whole maize is estimated for the 2016/17 marketing season.

Stock levels: The projected closing stock level at 30 April 2017 is estimated at 1 115 931 tons. At an average processed quantity of 828 083 tons per month, this represents available stock for 1.3 months or 41 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 (2016/17 Season)

Supply: The total supply of sorghum is projected at 190 245 tons for the 2016/17 marketing season. This includes an opening stock (at 1 March 2016) of 57 445 tons, local commercial deliveries of 52 800 tons, 80 000 tons' sorghum imports and no sorghum surplus.

Demand: The total demand (local and exports) for sorghum is projected at 155 500 tons. This includes 2 500 tons for indoor malting, 30 000 tons for floor malting, 100 000 tons for meal, rice and grits, 6 900 tons for feed, 300 tons withdrawn by producers, 1 500 tons released to end consumers, a balancing figure of 300 tons (net receipts and net dispatches) and a deficit 4 000 tons. A projected export quantity of 10 000 tons of sorghum is estimated for the 2016/17 marketing season.

Stock levels: The projected closing stock level at 28 February 2017 is estimated at 34 745 tons. At an average processed quantity of 11 617 tons per month, this represents available stock for 3 months or 91 days.

BITTER SORGHUM (2016/17 Season)

Supply: The total supply of sorghum is projected at 44 547 tons for the 2016/17 marketing season. This includes an opening stock (at 1 March 2016) of 25 697 tons, local commercial deliveries of 18 850 tons, no sorghum imports and a no surplus.

Demand: The total demand (local and exports) for sorghum is projected at 41 800 tons. This includes 10 000 tons for indoor malting, 22 000 tons for floor malting, 600 tons for meal, rice and grits, 2 600 tons for feed, 800 tons withdrawn by producers, 200 tons released to end consumers, a balancing figure of 100 tons (net receipts and net dispatches) and a deficit of 1 000 tons. A projected export quantity of 4 500 tons of sorghum is estimated for the 2016/17 marketing season.

Stock levels: The projected closing stock level at 28 February 2017 is estimated at 2 747 tons. At an average processed quantity of 2 933 tons per month, this represents available stock for 0.9 months or 28 days.

TOTAL SORGHUM (2016/17 Season)

Supply: The total supply of sorghum is projected at 234 792 tons for the 2016/17 marketing season. This includes an opening stock (at 1 March 2016) of 83 142 tons, local commercial deliveries of 71 650 tons, 80 000 tons' sorghum imports and no sorghum surplus.

Demand: The total demand (local and exports) for sorghum is projected at 197 300 tons. This includes 12 500 tons for indoor malting, 52 000 tons for floor malting, 100 600 tons for meal, rice and grits, 9 500 tons for feed, 1 100 tons withdrawn by producers, 1 700 tons released to end consumers, a balancing figure of 400 tons (net receipts and net dispatches) and a deficit of 5 000 tons. A projected export quantity of 14 500 tons of sorghum is estimated for the 2016/17 marketing season.

Stock levels: The projected closing stock level at 28 February 2017 is estimated at 37 492 tons. At an average processed quantity of 14 550 tons per month, this represents available stock for 2.6 months or 78 days.

See Appendix 2 for detailed S&D table.

WHEAT (2016/17 Season)

Supply: The total supply of wheat is projected at 4 120 772 tons for the 2016/17 marketing season. This includes an opening stock (at 1 October 2016) of 827 232 tons, local commercial deliveries of 1 837 540 tons, whole wheat imports of 1 450 000 tons and a surplus of 6 000 tons.

Demand: The total demand (local and exports) for wheat is projected at 3 274 300 tons. This includes 3 150 000 tons processed for human consumption, 3 000 tons processed for animal consumption, 2 500 tons withdrawn by producers, 2 800 tons released to end consumers, 19 000 tons projected seed for planting and a balancing figure of 12 000 tons (net receipts and net dispatches). A projected export quantity of 15 000 tons of processed products and 70 000 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 846 472 tons. At an average processed quantity of 262 750 tons per month, this represents available stock for 3.2 months or 98 days.

See Appendix 3 for detailed S&D table.

SUNFLOWER SEED (2016/17 Season)

Supply: The total supply of sunflower seed is projected at 871 667 tons for the 2016/17 marketing season. This includes an opening stock (at 1 March 2016) of 45 867 tons, local commercial deliveries of 755 000 tons, sunflower seed imports of 68 000 tons and a surplus of 2 800 tons.

Demand: The total demand (local and exports) for sunflower seed is projected at 740 700 tons. This includes 1 000 tons processed for human consumption, 11 000 tons processed for animal consumption, 720 000 tons for crush for oil and oilcake, 1 000 tons withdrawn by producers, 3 000 tons released to end consumers, 3 500 tons' seed for planting purposes and a balancing figure of 1 000 tons (net receipts and net dispatches). A quantity of 200 tons is projected for exports for the 2016/17 marketing season.

Stock levels: The projected closing stock level at 28 February 2017 is estimated at 130 967 tons. At an average processed quantity of 61 000 tons per month, this represents available stock for 2.1 months or 65 days.

See Appendix 4 for detailed S&D table.

SOYBEANS (2016/17 Season)

Supply: The total supply of soybeans is projected at 1 102 678 tons for the 2016/17 marketing season. This includes an opening stock (at 1 March 2016) of 89 128 tons, local commercial deliveries of 709 550 tons, soybeans imports of 300 000 tons and a surplus of 4 000 tons.

Demand: The total demand (local and exports) for soybeans is projected at 1 028 500 tons. This includes 25 000 tons processed for human consumption, 105 000 tons processed for animal (full fat) consumption, 880 000 tons for crush for oil and oilcake, 1 000 tons withdrawn by producers, 2 000 tons released to end consumers, 7 000 tons' seed for planting, and a balancing figure of 1 500 tons (net receipts and net dispatches). A projected export quantity of 7 000 tons' soybeans are estimated for the 2016/17 marketing season.

Stock levels: The projected closing stock level at 28 February 2017 is estimated at 74 178 tons. At an average processed quantity of 84 167 tons per month, this represents available stock for 0.9 months or 27 days.

See Appendix 5 for detailed S&D table.

PLEASE NOTE: the January 2017 SASDE Report will be released on **31 January 2017**

Appendix 1: Detailed S & D table for White, Yellow and Total Maize December 2016

	Marketing season	White Maize Actual for 2015/16	White Maize Projection for 2016/17	Yellow Maize Actual for 2015/16	Yellow Maize Projection for 2016/17	Total Maize Actual for 2015/16	Total Maize Projection for 2016/17
		tons	tons	tons	tons	tons	tons
1	CEC (Crop Estimate)	4 735 000	3 253 775	5 220 000	4 283 100	9 955 000	7 536 875
2	CEC (Retention)	0	80 000	0	350 000	0	430 000
3	Min: Early deliveries for current season (Mar + Apr)	0	288 056	0	449 955	0	738 011
4	Plus: Early deliveries for next season (Mar + Apr)	0	350 000	0	450 000	0	800 000
5	**Available for the commercial market**	**4 735 000**	**3 235 719**	**5 220 000**	**3 933 145**	**9 955 000**	**7 168 864**
6	**SUPPLY**						
7	Opening stock (1 May)	1 282 581	1 307 867	791 054	1 163 200	2 073 635	2 471 067
8	Producer deliveries	4 808 279	3 173 775	4 986 053	3 933 100	9 794 332	7 106 875
9	Imports	100 803	850 000	1 862 807	1 800 000	1 963 610	2 650 000
10	Early deliveries (Net)*	0	61 944	0	45	0	61 989
11	Surplus	17 474	25 000	35 456	15 000	52 930	40 000
12	**Total Supply**	**6 209 137**	**5 418 586**	**7 675 370**	**6 911 345**	**13 884 507**	**12 329 931**
13	**DEMAND**						
14	**Processed for the local market**	**4 319 697**	**4 295 000**	**5 929 297**	**5 642 000**	**10 248 994**	**9 937 000**
15	- human	4 183 067	4 220 000	515 415	630 000	4 698 482	4 850 000
16	- animal and industrial	118 522	60 000	5 401 726	5 000 000	5 520 248	5 060 000
17	- gristing	18 108	15 000	12 156	12 000	30 264	27 000
18	Withdrawn by producers	13 385	12 000	63 503	80 000	76 888	92 000
19	Released to end-consumers	13 987	8 000	172 309	150 000	186 296	158 000
20	Net receipts(-)/disp(+)	-2 862	7 000	24 313	30 000	21 451	37 000
21	Deficit	0	0	0	0	0	0
22	**Local demand**	**4 344 207**	**4 322 000**	**6 189 422**	**5 902 000**	**10 533 629**	**10 224 000**
23	**Exports**	**557 063**	**590 000**	**322 748**	**400 000**	**879 811**	**990 000**
24	- products	83 636	70 000	102 747	100 000	186 383	170 000
25	- whole maize	473 427	520 000	220 001	300 000	693 428	820 000
26	**Total Demand**	**4 901 270**	**4 912 000**	**6 512 170**	**6 302 000**	**11 413 440**	**11 214 000**
27	**Closing Stock (30 Apr)**	**1 307 867**	**506 586**	**1 163 200**	**609 345**	**2 471 067**	**1 115 931**
28	- processed p/month	359 975	357 917	494 108	470 167	854 083	828 083
29	- months' stock	3,6	1,4	2,4	1,3	2,9	1,3
30	**- days' stock**	**111**	**43**	**72**	**39**	**88**	**41**

*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.

Appendix 2: Detailed S & D table for Sweet, Bitter and Total Sorghum December 2016

	Marketing season	Sweet Sorghum Actual for 2015/16	Sweet Sorghum Projection for 2016/17	Bitter Sorghum Actual for 2015/16	Bitter Sorghum Projection for 2016/17	Total Sorghum Actual for 2015/16	Total Sorghum Projection for 2016/17
		tons	tons	tons	tons	tons	tons
1	CEC (Crop Estimate)		54 800		19 350	88 500	74 150
2	CEC Retentions		2 000		500	2 500	2 500
3	**Available for the commercial market**		52 800		18 850	86 000	71 650
4	**SUPPLY**						
5	Opening stock (1 Mch)	66 266	57 445	55 546	25 697	121 812	83 142
6	Prod deliveries	99 189	52 800	21 042	18 850	120 231	71 650
7	Imports	34 316	80 000	0	0	34 316	80 000
8	Surplus	0	0	1 853	0	1 853	0
9	**Total Supply**	**199 771**	**190 245**	**78 441**	**44 547**	**278 212**	**234 792**
10	**DEMAND**						
11	**Processed**	**114 499**	**139 400**	**45 325**	**35 200**	**159 824**	**174 600**
12	- Indoor malting	246	2 500	10 859	10 000	11 105	12 500
13	- Floor malting	20 041	30 000	30 224	22 000	50 265	52 000
14	- Meal, rice & grits	87 222	100 000	819	600	88 041	100 600
15	- Pet Food	1 029	1 000	0	100	1 029	1 100
16	- Poultry feed	2 714	2 900	1 234	1 000	3 948	3 900
17	- Livestock feed	3 247	3 000	2 189	1 500	5 436	4 500
18	Bio-fuel	0	0	0	0	0	0
19	Withdrawn by producers	987	300	1 582	800	2 569	1 100
20	Released to end-consumers	1 922	1 500	686	200	2 608	1 700
21	Net receipts(-)/disp(+)	664	300	-133	100	531	400
22	Deficit	499	4 000	0	1 000	499	5 000
23	Exports	23 755	10 000	5 284	4 500	29 039	14 500
24	**Total Demand**	**142 326**	**155 500**	**52 744**	**41 800**	**195 070**	**197 300**
25	**Ending Stock (28/29 Feb)**	**57 445**	**34 745**	**25 697**	**2 747**	**83 142**	**37 492**
26	- processed p/month	9 542	11 617	3 777	2 933	13 319	14 550
27	- months' stock	6,0	3,0	6,8	0,9	6,2	2,6
28	**- days' stock**	**183**	**91**	**207**	**28**	**190**	**78**

Appendix 3: Detailed S & D table for Wheat December 2016

		Wheat	Wheat
	Marketing season	**Final for 2015/16**	**Projection for 2016/17**
		tons	**tons**
1	CEC (Crop Estimate)	1 440 000	1 875 540
2	CEC (Retention)	NA	38 000
3	**SUPPLY**		
4	Opening stock (1 Oct)	596 823	827 232
5	Prod deliveries*	1 406 752	1 837 540
6	Imports	2 062 765	1 450 000
7	Surplus	8 807	6 000
8	**Total Supply**	**4 075 147**	**4 120 772**
9	**DEMAND**		
10	**Processed**	**3 144 414**	**3 153 000**
11	- human	3 142 077	3 150 000
12	- animal	2 337	3 000
13	- gristing	0	0
14	Withdrawn by producers	1 834	2 500
15	Released to end-consumers	1 907	2 800
16	Seed for planting purposes	18 800	19 000
17	Net receipts(-)/disp(+)	12 435	12 000
18	Deficit	0	0
19	Exports	68 525	85 000
20	- products	14 517	15 000
21	- whole wheat	54 008	70 000
22	**Total Demand**	**3 247 915**	**3 274 300**
23	**Closing Stock (30 Sep)**	**827 232**	**846 472**
24	- processed p/month	262 035	262 750
25	- months' stock	3,2	3,2
26	**- days' stock**	**96**	**98**

Appendix 4: Detailed S & D table for Sunflower Seed December 2016

		Sunflower Seed	**Sunflower Seed**
	Marketing season	**Final for 2015/16**	**Projection for 2016/17**
		tons	**tons**
1	CEC (Crop Estimate)	663 000	755 000
2	**SUPPLY**		
3	Opening stock (1 Mar)	92 927	45 867
4	Prod deliveries	663 669	755 000
5	Imports	36 064	68 000
6	Surplus	9 897	2 800
7	**Total Supply**	**802 557**	**871 667**
8	**DEMAND**		
9	**Processed**	**747 808**	**732 000**
10	- human	1 003	1 000
11	- animal	8 995	11 000
12	- crush (oil and oilcake)	737 810	720 000
13	Withdrawn by producers	1 157	1 000
14	Released to end-consumers	2 936	3 000
15	Seed for planting purposes	2 824	3 500
16	Net receipts(-)/disp(+)	1 709	1 000
17	Deficit	0	0
18	Exports	256	200
19	**Total Demand**	**756 690**	**740 700**
20	**Ending Stock (28/29 Feb)**	**45 867**	**130 967**
21	- processed p/month	62 317	61 000
22	- months' stock	0,7	2,1
23	**- days' stock**	**22**	**65**

Appendix 5: Detailed S & D table for Soybeans for December 2016

		Soybeans	Soybeans
	Marketing season	**Final for 2015/16**	**Projection for 2016/17**
		tons	**tons**
1	CEC (Crop Estimate)	1 070 000	741 550
2	Retention		32 000
3	**SUPPLY**		
4	Opening stock (1 Mar)	63 704	89 128
5	Prod deliveries	1 042 129	709 550
6	Imports	124 981	300 000
7	Surplus	10 526	4 000
8	**Total Supply**	**1 241 340**	**1 102 678**
9	**DEMAND**		
10	**Processed**	**1 134 110**	**1 010 000**
11	- human	24 323	25 000
12	- animal feed (full fat soya)	121 763	105 000
13	- crush (oil/oilcake)	988 024	880 000
14	Withdrawn by producers	2 393	1 000
15	Released to end-consumers	2 650	2 000
16	Seed for planting purposes	7 577	7 000
17	Net receipts(-)/disp(+)	805	1 500
18	Deficit	0	0
19	Exports	4 677	7 000
20	**Total Demand**	**1 152 212**	**1 028 500**
21	**Closing Stock (28/29 Feb)**	**89 128**	**74 178**
22	- processed p/month	94 509	84 167
23	- months' stock	0,9	0,9
24	**- days stock**	**29**	**27**

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

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