



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 July 2017 Report

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

SASDE – 50<sup>th</sup> meeting held on the 28<sup>th</sup> of July 2017

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

#### WHITE MAIZE (2017/18 Season)

**Supply:** The total supply of white maize is projected at 9 631 336 tons for the 2017/18 marketing season. This includes opening stock (at 1 May 2017) of 597 837 tons, and local commercial deliveries of 9 257 050 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 7 380 000 tons. The total local demand is projected at 6 510 000 tons. This includes 4 500 000 tons processed for human consumption, 1 900 000 tons processed for animal and industrial consumption, 25 000 tons for gristing, 35 000 tons withdrawn by producers, 40 000 tons released to end-consumers and a balancing figure of 10 000 tons (net receipts and net dispatches).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 2 260 000 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 2 251 336 tons. At an average processed quantity of 535 417 tons per month, this represents available stock for 4.2 months or 128 days.

#### YELLOW MAIZE (2017/18 Season)

**Supply:** The total supply of yellow maize is projected at 6 676 409 tons for the 2017/18 marketing season. This includes opening stock (at 1 May 2017) of 496 801 tons, and local commercial deliveries of 6 062 250 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 5 463 000 tons. The total local demand is projected at 4 153 000 tons. This includes 550 000 tons processed for human consumption,

3 320 000 tons processed for animal and industrial consumption, 13 000 tons for gristing, 90 000 tons withdrawn by producers, 160 000 tons released to end-consumers and a balancing figure of 20 000 tons (net receipts and net dispatches). A projected export quantity of 110 000 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 1 930 000 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 1 213 409 tons. At an average processed quantity of 323 583 tons per month, this represents available stock for 3.7 months or 114 days.

#### **TOTAL MAIZE (2017/18 Season)**

**Supply:** The total supply of maize is projected at 16 307 745 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 15 319 300 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 12 843 000 tons. The total local demand is projected at 10 663 000 tons. This includes 5 050 000 tons processed for human consumption, 5 220 000 tons processed for animal and industrial consumption, 38 000 tons for gristing, 125 000 tons withdrawn by producers, 200 000 tons released to end-consumers and a balancing figure of 30 000 tons (net receipts and net dispatches). A projected export quantity of 180 000 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 4 190 000 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 3 464 745 tons. At an average processed quantity of 859 000 tons per month, this represents available stock for 4 months or 123 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 212 171 tons for the 2017/18 marketing season. This includes an opening stock (at 1 March 2017) of 31 836 tons, local commercial deliveries of 120 335 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 177 200 tons. This includes 10 000 tons for indoor malting, 33 000 tons for floor malting, 105 000 tons for meal, rice and grits, 7 000 tons for feed, 1 000 tons withdrawn by producers, 1 200 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 15 000 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 34 971 tons. At an average processed quantity of 12 917 tons per month, this represents available stock for 2.7 months or 82 days.

#### **BITTER SORGHUM (2017/18 Season)**

**Supply:** The total supply of bitter sorghum is projected at 31 902 tons for the 2017/18 marketing season. This includes an opening stock (at 1 March 2017) of 3 402 tons, local commercial deliveries of 28 500 tons, no bitter sorghum imports for South Africa with no surplus.

**Demand:** The total demand (local and exports) for bitter sorghum is projected at 28 750 tons. This includes 3 600 tons for indoor malting, 16 500 tons for floor malting, 1 000 tons for meal, rice and grits, 2 200 tons for feed, 600 tons withdrawn by producers, 150 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 3 152 tons. At an average processed quantity of 1 942 tons per month, this represents available stock for 1.6 months or 49 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 205 950 tons. This includes 13 600 tons for indoor malting, 49 500 tons for floor malting, 106 000 tons for meal, rice and grits, 9 200 tons for feed, 1 600 tons withdrawn by producers, 1 350 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 19 000 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 38 123 tons. At an average processed quantity of 14 858 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 3 908 232 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 1 200 000 tons and a surplus of 6 000 tons.

**Demand:** The total demand (local and exports) for wheat is projected at 3 288 700 tons. This includes 3 120 000 tons processed for human consumption, 2 300 tons processed for animal consumption, 2 400 tons withdrawn by producers, 1 500 tons released to end consumers, 24 000 tons projected seed for planting and a balancing figure of 12 000 tons (net receipts and net dispatches). A projected export quantity of 11 500 tons of processed products and 115 000 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 619 532 tons. At an average processed quantity of 260 192 tons per month, this represents available stock for 2.4 months or 72 days.

*See Appendix 3 for detailed S&D table.*

#### **SUNFLOWER SEED (2017/18 Season)**

**Supply:** The total supply of sunflower seed is projected at 993 306 tons for the 2017/18 marketing season. This includes an opening stock (at 1 March 2017) of 163 086 tons, local commercial deliveries of 821 970 tons, sunflower seed imports of 250 tons for South Africa and a surplus of 8 000 tons.

**Demand:** The total demand (local and exports) for sunflower seed is projected at 850 500 tons. This includes 1 800 tons processed for human consumption, 9 000 tons processed for animal consumption, 830 000 tons for crush for oil and oilcake, 700 tons withdrawn by producers, 2 800 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 are projected for exports for the 2017/18 marketing season.

**Stock levels:** The projected closing stock level at 28 February 2018 is estimated at 142 806 tons. At an average processed quantity of 70 067 tons per month, this represents available stock for 2 months or 62 days.

*See Appendix 4 for detailed S&D table.*

### **SOYBEANS (2017/18 Season)**

**Supply:** The total supply of soybeans is projected at 1 411 662 tons for the 2017/18 marketing season. This includes an opening stock (at 1 March 2017) of 84 792 tons, local commercial deliveries of 1 308 370 tons, soybeans imports of 15 000 tons for South Africa and a surplus of 3 500 tons.

**Demand:** The total demand (local and exports) for soybeans is projected at 1 188 000 tons. This includes 25 000 tons processed for human consumption, 120 000 tons processed for animal (full fat) consumption, 1 000 000 tons for crush for oil and oilcake, 2 000 tons withdrawn by producers, 2 500 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 quantity of 30 000 tons' soybeans are available for exports for the 2017/18 marketing season.

**Stock levels:** The projected closing stock level at 28 February 2018 is estimated at 223 662 tons. At an average processed quantity of 95 417 tons per month, this represents available stock for 2.3 months or 71 days.

*See Appendix 5 for detailed S&D table.*

**PLEASE NOTE:** The August 2017 SASDE Report will be released on the **1<sup>st</sup> of September 2017**

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

	Marketing season	White Maize	White Maize	Yellow Maize	Yellow Maize	Total Maize	Total Maize
		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	9,507,050	4,370,000	6,462,250	7,778,500	15,969,300
2	CEC (Retention)	0	250,000	0	400,000	0	650,000
3	Min: Early deliveries for current season (March + April)**	0	503,551	0	300,642	0	804,193
4	Plus: Early deliveries for next season (March + April)**	0	250,000	0	400,000	0	650,000
5	<b>Available for the commercial market</b>	<b>3,408,500</b>	<b>9,003,499</b>	<b>4,370,000</b>	<b>6,161,608</b>	<b>7,778,500</b>	<b>15,165,107</b>
6	<b>SUPPLY</b>						
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	9,257,050	3,917,778	6,062,250	7,469,600	15,319,300
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	<b>Total Supply</b>	<b>5,535,827</b>	<b>9,631,336</b>	<b>6,686,000</b>	<b>6,676,409</b>	<b>12,221,827</b>	<b>16,307,745</b>
13	<b>DEMAND</b>						
14	<b>Processed for the local market</b>	<b>4,331,787</b>	<b>6,425,000</b>	<b>5,506,922</b>	<b>3,883,000</b>	<b>9,838,709</b>	<b>10,308,000</b>
15	- human	4,232,583	4,500,000	576,638	550,000	4,809,221	5,050,000
16	- animal and industrial	86,153	1,900,000	4,917,657	3,320,000	5,003,810	5,220,000
17	- gristing	13,051	25,000	12,627	13,000	25,678	38,000
18	Withdrawn by prod	14,083	35,000	80,865	90,000	94,948	125,000
19	Released to end-cons	5,660	40,000	151,800	160,000	157,460	200,000
20	Net receipts(-)/disp(+)	-963	10,000	10,733	20,000	9,770	30,000
21	Deficit	0	0	0	0	0	0
22	<b>Local demand</b>	<b>4,350,567</b>	<b>6,510,000</b>	<b>5,750,320</b>	<b>4,153,000</b>	<b>10,100,887</b>	<b>10,663,000</b>
23	<b>Exports</b>	<b>587,423</b>	<b>870,000</b>	<b>438,879</b>	<b>1,310,000</b>	<b>1,026,302</b>	<b>2,180,000</b>
24	- products	41,042	70,000	148,070	110,000	189,112	180,000
25	- whole maize	546,381	800,000	290,809	1,200,000	837,190	2,000,000
26	<b>Total Demand</b>	<b>4,937,990</b>	<b>7,380,000</b>	<b>6,189,199</b>	<b>5,463,000</b>	<b>11,127,189</b>	<b>12,843,000</b>
27	<b>Closing Stock (30 Apr)</b>	<b>597,837</b>	<b>2,251,336</b>	<b>496,801</b>	<b>1,213,409</b>	<b>1,094,638</b>	<b>3,464,745</b>
28	- processed p/month	360,982	535,417	458,910	323,583	819,892	859,000
29	- months' stock	1.7	4.2	1.1	3.7	1.3	4.0
30	<b>- days' stock</b>	<b>50</b>	<b>128</b>	<b>33</b>	<b>114</b>	<b>41</b>	<b>123</b>

\*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 2017, 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 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)	0	122,335	19,350	29,000	0	151,335
2	CEC Retentions	0	2,000	500	500	0	2,500
3	Available for the commercial market	0	120,335	18,850	28,500	0	148,835
4	<b>SUPPLY</b>						
5	Opening stock (1 Mch)	57,445	31,836	25,697	3,402	83,142	35,238
6	Prod deliveries	52,601	120,335	15,977	28,500	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	<b>Total Supply</b>	<b>185,003</b>	<b>212,171</b>	<b>41,674</b>	<b>31,902</b>	<b>226,677</b>	<b>244,073</b>
10	<b>DEMAND</b>						
11	<b>Processed</b>	<b>136,753</b>	<b>155,000</b>	<b>33,562</b>	<b>23,300</b>	<b>170,315</b>	<b>178,300</b>
12	- Indoor malting	3,614	10,000	8,092	3,600	11,706	13,600
13	- Floor malting	28,518	33,000	22,508	16,500	51,026	49,500
14	- Meal, rice & grits	97,363	105,000	509	1,000	97,872	106,000
15	- Pet Food	937	1,000	64	200	1,001	1,200
16	- Poultry feed	3,227	3,500	760	1,000	3,987	4,500
17	- Livestock feed	3,094	2,500	1,629	1,000	4,723	3,500
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	1,200	48	150	1,209	1,350
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	15,000	4,280	4,000	12,649	19,000
24	<b>Total Demand</b>	<b>153,167</b>	<b>177,200</b>	<b>38,272</b>	<b>28,750</b>	<b>191,439</b>	<b>205,950</b>
25	<b>Ending Stock (28/29 Feb)</b>	<b>31,836</b>	<b>34,971</b>	<b>3,402</b>	<b>3,152</b>	<b>35,238</b>	<b>38,123</b>
26	- processed p/month	11,396	12,917	2,797	1,942	14,193	14,858
27	- months' stock	2.8	2.7	1.2	1.6	2.5	2.6
28	<b>- days' stock</b>	<b>85</b>	<b>82</b>	<b>37</b>	<b>49</b>	<b>76</b>	<b>78</b>

### Appendix 3: Detailed S & D table for Wheat July 2017

		Wheat	Wheat
	Marketing season	Final for 2015/16	Projection for 2016/17
		tons	tons
1	CEC (Crop Estimate)	1,440,000	1,910,000
2	CEC (Retention)	NA	35,000

<b>3</b>	<b>SUPPLY</b>		
4	Opening stock (1 Oct)	596,823	827,232
5	Prod deliveries*	1,406,752	1,875,000
6	Imports for South Africa	2,062,765	1,200,000
7	Surplus	8,807	6,000
<b>8</b>	<b>Total Supply</b>	<b>4,075,147</b>	<b>3,908,232</b>

<b>9</b>	<b>DEMAND</b>		
<b>10</b>	<b>Processed</b>	<b>3,144,414</b>	<b>3,122,300</b>
11	- human	3,142,077	3,120,000
12	- animal	2,337	2,300
13	- gristing	0	0
14	Withdrawn by producers	1,834	2,400
15	Released to end-consumers	1,907	1,500
16	Seed for planting purposes	18,800	24,000
17	Net receipts(-)/disp(+)	12,435	12,000
18	Deficit	0	0
19	Exports	68,525	126,500
20	- products	14,517	11,500
21	- whole wheat	54,008	115,000
<b>22</b>	<b>Total Demand</b>	<b>3,247,915</b>	<b>3,288,700</b>

<b>23</b>	<b>Closing Stock (30 Sep)</b>	<b>827,232</b>	<b>619,532</b>
24	- processed p/month	262,035	260,192
25	- months' stock	3.2	2.4
<b>26</b>	<b>- days' stock</b>	<b>96</b>	<b>72</b>

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

		Sunflower Seed	Sunflower Seed
	Marketing season	Final for 2016/17	Projection for 2017/18
		tons	tons
1	CEC (Crop Estimate)	755,000	821,970
2	<b>SUPPLY</b>		
3	Opening stock (1 March)	45,867	163,086
4	Prod deliveries	759,614	821,970
5	Imports for South Africa	70,643	250
6	Surplus	4,268	8,000
7	<b>Total Supply</b>	<b>880,392</b>	<b>993,306</b>
8	<b>DEMAND</b>		
9	<b>Processed</b>	<b>707,327</b>	<b>840,800</b>
10	- human	1,192	1,800
11	- animal	10,665	9,000
12	- crush (oil and oilcake)	695,470	830,000
13	Withdrawn by producers	605	700
14	Released to end-consumers	2,867	2,800
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	<b>Total Demand</b>	<b>717,306</b>	<b>850,500</b>
20	<b>Ending Stock (28/29 Feb)</b>	<b>163,086</b>	<b>142,806</b>
21	- processed p/month	58,944	70,067
22	- months' stock	2.8	2.0
23	<b>- days' stock</b>	<b>84</b>	<b>62</b>



**Appendix 5: Detailed S & D table for Soybeans for July 2017**

		<b>Soybeans</b>	<b>Soybeans</b>
	<b>Marketing season</b>	<b>Final for 2016/17</b>	<b>Projection for 2017/18</b>
		<b>tons</b>	<b>tons</b>
1	CEC (Crop Estimate)	742,000	1,340,370
2	Retention	0	32,000

<b>3</b>	<b>SUPPLY</b>		
4	Opening stock (1 March)	89,128	84,792
5	Prod deliveries	713,660	1,308,370
6	Imports for South Africa	271,098	15,000
7	Surplus	1,122	3,500
<b>8</b>	<b>Total Supply</b>	<b>1,075,008</b>	<b>1,411,662</b>

<b>9</b>	<b>DEMAND</b>		
<b>10</b>	<b>Processed</b>	<b>974,901</b>	<b>1,145,000</b>
11	- human	23,875	25,000
12	- animal feed (full fat soya)	98,718	120,000
13	- crush (oil/oilcake)	852,308	1,000,000
14	Withdrawn by producers	367	2,000
15	Released to end-consumers	1,098	2,500
16	Seed for planting purposes	5,678	7,000
17	Net receipts(-)/disp(+)	1,427	1,500
18	Deficit	0	0
19	Exports	6,745	30,000
<b>20</b>	<b>Total Demand</b>	<b>990,216</b>	<b>1,188,000</b>

<b>21</b>	<b>Closing Stock (28/29 Feb)</b>	<b>84,792</b>	<b>223,662</b>
22	- processed p/month	81,242	95,417
23	- months' stock	1.0	2.3
<b>24</b>	<b>- days stock</b>	<b>32</b>	<b>71</b>

*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.*

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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:** South Africa Grain & Oilseeds Supply & Demand Estimates Committee

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