



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 October 2017 Report

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

SASDE – 53<sup>rd</sup> meeting held on the 31<sup>st</sup> of October 2017

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

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

**Supply:** The total supply of white maize is projected at 10 007 036 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 20 000 tons.

**Demand:** The total demand (local and exports) for white maize is projected at 7 150 000 tons. The total local demand is projected at 6 290 000 tons. This includes 4 400 000 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consumption, 1 800 000 tons processed for animal and industrial consumption, 15 000 tons for gristing, 35 000 tons withdrawn by producers, 35 000 tons released to end-consumers and a balancing figure of 5 000 tons (net receipts and net dispatches).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 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 2 890 000 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 2 857 036 tons. At an average processed quantity of 517 917 tons per month, this represents available stock for 5.5 months or 168 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 5 373 000 tons. The total local demand is projected at 4 043 000 tons. This includes 560 000 tons processed for human consumption,

3 200 000 tons processed for animal and industrial consumption, 13 000 tons for gristing, 75 000 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 2 430 000 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 1 692 409 tons. At an average processed quantity of 314 417 tons per month, this represents available stock for 5.4 months or 164 days.

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

**Supply:** The total supply of maize is projected at 17 072 445 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 38 000 tons.

**Demand:** The total demand (local and exports) for maize is projected at 12 523 000 tons. The total local demand is projected at 10 333 000 tons. This includes 4 960 000 tons processed for human consumption, 5 000 000 tons processed for animal and industrial consumption, 28 000 tons for gristing, 110 000 tons withdrawn by producers, 215 000 tons released to end-consumers and a balancing figure of 20 000 tons (net receipts and net dispatches). A projected export quantity of 190 000 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 5 320 000 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 4 549 445 tons. At an average processed quantity of 832 333 tons per month, this represents available stock for 5.5 months or 166 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 156 700 tons. This includes 7 000 tons for indoor malting, 28 000 tons for floor malting, 95 000 tons for meal, rice and grits, 7 500 tons for feed, 1 200 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 29 471 tons. At an average processed quantity of 11 458 tons per month, this represents available stock for 2.6 months or 78 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 33 300 tons. This includes 6 000 tons for indoor malting, 22 000 tons for floor malting, 800 tons for meal, rice and grits, 850 tons for feed, 1 000 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 250 tons. A projected export quantity of 2 000 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 24 602 tons. At an average processed quantity of 2 471 tons per month, this represents available stock for 10.0 months or 303 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 190 000 tons. This includes 13 000 tons for indoor malting, 50 000 tons for floor malting, 95 800 tons for meal, rice and grits, 8 350 tons for feed, 2 200 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 4 250 tons. A projected export quantity of 14 000 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 54 073 tons. At an average processed quantity of 13 929 tons per month, this represents available stock for 3.9 months or 118 days.

*See Appendix 2 for detailed S&D table.*

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

**Supply:** The total supply of wheat is projected at 3 772 852 tons for the 2017/18 marketing season. This includes an opening stock (at 1 October 2017) of 342 602 tons, local commercial deliveries of 1 623 250 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 513 352 tons. At an average processed quantity of 262 667 tons per month, this represents available stock for 2.0 months or 59 days.

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

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

**Supply:** The total supply of sunflower seed is projected at 1 046 231 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 550 tons for South Africa and a surplus of 8 000 tons.

**Demand:** The total demand (local and exports) for sunflower seed is projected at 818 700 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, 3 000 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 227 531 tons. At an average processed quantity of 67 392 tons per month, this represents available stock for 3.4 months or 103 days.

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

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

**Supply:** The total supply of soybeans is projected at 1 400 162 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 import of 28 000 tons for South Africa and a surplus of 3 000 tons.

**Demand:** The total demand (local and exports) for soybeans is projected at 1 140 700 tons. This includes 28 000 tons processed for human consumption, 140 000 tons processed for animal (full fat) consumption, 930 000 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 259 462 tons. At an average processed quantity of 91 500 tons per month, this represents available stock for 2.8 months or 86 days.

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

*(Please note: When utilizing as 45 days' stock proxy, there is potential for 155 000 tons of soybeans available for exports for the 2017/18 marketing season).*

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

# Appendix 1: Detailed S & D table for White, Yellow and Total Maize October 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 (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>9,389,199</b>	<b>4,370,000</b>	<b>6,550,608</b>	<b>7,778,500</b>	<b>15,939,807</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	9,642,750	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	20,000	12,423	18,000	44,417	38,000
12	<b>Total Supply</b>	<b>5,535,827</b>	<b>10,007,036</b>	<b>6,686,000</b>	<b>7,065,409</b>	<b>12,221,827</b>	<b>17,072,445</b>
13	<b>DEMAND</b>						
14	<b>Processed for the local market</b>	<b>4,331,787</b>	<b>6,215,000</b>	<b>5,506,922</b>	<b>3,773,000</b>	<b>9,838,709</b>	<b>9,988,000</b>
15	- human	4,232,583	4,400,000	576,638	560,000	4,809,221	4,960,000
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	75,000	94,948	110,000
19	Released to end-cons	5,660	35,000	151,800	180,000	157,460	215,000
20	Net receipts(-)/disp(+)	-963	5,000	10,733	15,000	9,770	20,000
21	Deficit	0	0	0	0	0	0
22	<b>Local demand</b>	<b>4,350,567</b>	<b>6,290,000</b>	<b>5,750,320</b>	<b>4,043,000</b>	<b>10,100,887</b>	<b>10,333,000</b>
23	<b>Exports</b>	<b>587,423</b>	<b>860,000</b>	<b>438,879</b>	<b>1,330,000</b>	<b>1,026,302</b>	<b>2,190,000</b>
24	- products	41,042	60,000	148,070	130,000	189,112	190,000
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>7,150,000</b>	<b>6,189,199</b>	<b>5,373,000</b>	<b>11,127,189</b>	<b>12,523,000</b>
27	<b>Closing Stock (30 Apr)</b>	<b>597,837</b>	<b>2,857,036</b>	<b>496,801</b>	<b>1,692,409</b>	<b>1,094,638</b>	<b>4,549,445</b>
28	- processed p/month	360,982	517,917	458,910	314,417	819,892	832,333
29	- months' stock	1.7	5.5	1.1	5.4	1.3	5.5
30	<b>- days' stock</b>	<b>50</b>	<b>168</b>	<b>33</b>	<b>164</b>	<b>41</b>	<b>166</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 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 October 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	0	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	<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	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	<b>Total Supply</b>	<b>185,003</b>	<b>186,171</b>	<b>41,674</b>	<b>57,902</b>	<b>226,677</b>	<b>244,073</b>
10	<b>DEMAND</b>						
11	<b>Processed</b>	<b>136,753</b>	<b>137,500</b>	<b>33,562</b>	<b>29,650</b>	<b>170,315</b>	<b>167,150</b>
12	- Indoor malting	3,614	7,000	8,092	6,000	11,706	13,000
13	- Floor malting	28,518	28,000	22,508	22,000	51,026	50,000
14	- Meal, rice & grits	97,363	95,000	509	800	97,872	95,800
15	- Pet Food	937	1,000	64	50	1,001	1,050
16	- Poultry feed	3,227	3,700	760	600	3,987	4,300
17	- Livestock feed	3,094	2,800	1,629	200	4,723	3,000
18	Bio-fuel	0	0	0	0	0	0
19	Withdrawn by prod	181	1,200	463	1,000	644	2,200
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	250	5,521	4,250
23	Exports	8,369	12,000	4,280	2,000	12,649	14,000
24	<b>Total Demand</b>	<b>153,167</b>	<b>156,700</b>	<b>38,272</b>	<b>33,300</b>	<b>191,439</b>	<b>190,000</b>
25	<b>Ending Stock (28/29 Feb)</b>	<b>31,836</b>	<b>29,471</b>	<b>3,402</b>	<b>24,602</b>	<b>35,238</b>	<b>54,073</b>
26	- processed p/month	11,396	11,458	2,797	2,471	14,193	13,929
27	- months' stock	2.8	2.6	1.2	10.0	2.5	3.9
28	<b>- days' stock</b>	<b>85</b>	<b>78</b>	<b>37</b>	<b>303</b>	<b>76</b>	<b>118</b>

**Appendix 3: Detailed S & D table for Wheat October 2017**

		<b>Wheat</b>	<b>Wheat</b>
	<b>Marketing season</b>	<b>Preliminary final for 2016/17</b>	<b>Projection for 2017/18</b>
		<b>tons</b>	<b>tons</b>
1	CEC (Crop Estimate)	1,910,000	1,655,250
2	CEC (Retention)	35,000	32,000

<b>3</b>	<b>SUPPLY</b>		
4	Opening stock (1 Oct)	827,232	342,602
5	Prod deliveries	1,870,395	1,623,250
6	Imports for South Africa	933,735	1,800,000
7	Surplus	9,461	7,000
<b>8</b>	<b>Total Supply</b>	<b>3,640,823</b>	<b>3,772,852</b>

<b>9</b>	<b>DEMAND</b>		
<b>10</b>	<b>Processed</b>	<b>3,163,324</b>	<b>3,152,000</b>
11	- human	3,160,849	3,150,000
12	- animal	2,475	2,000
13	- gristing	0	0
14	Withdrawn by producers	1,936	2,000
15	Released to end-consumers	1,256	1,500
16	Seed for planting purposes	24,067	22,000
17	Net receipts(-)/disp(+)	3,207	10,000
18	Deficit	0	0
19	Exports	104,431	72,000
20	- products	11,533	12,000
21	- whole wheat	92,898	60,000
<b>22</b>	<b>Total Demand</b>	<b>3,298,221</b>	<b>3,259,500</b>

<b>23</b>	<b>Closing Stock (30 Sep)</b>	<b>342,602</b>	<b>513,352</b>
24	- processed p/month	263,610	262,667
25	- months' stock	1.3	2.0
<b>26</b>	<b>- days' stock</b>	<b>40</b>	<b>59</b>

**Appendix 4: Detailed S & D table for Sunflower Seed October 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	<b>SUPPLY</b>		
3	Opening stock (1 March)	45,867	163,086
4	Prod deliveries	759,614	874,595
5	Imports for South Africa	70,643	550
6	Surplus	4,268	8,000
7	<b>Total Supply</b>	<b>880,392</b>	<b>1,046,231</b>
8	<b>DEMAND</b>		
9	<b>Processed</b>	<b>707,327</b>	<b>808,700</b>
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	3,000
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>818,700</b>
20	<b>Ending Stock (28/29 Feb)</b>	<b>163,086</b>	<b>227,531</b>
21	- processed p/month	58,944	67,392
22	- months' stock	2.8	3.4
23	<b>- days' stock</b>	<b>84</b>	<b>103</b>



**Appendix 5: Detailed S & D table for Soybeans for October 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	1,316,370
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	1,284,370
6	Imports for South Africa	271,098	28,000
7	Surplus	1,122	3,000
<b>8</b>	<b>Total Supply</b>	<b>1,075,008</b>	<b>1,400,162</b>

<b>9</b>	<b>DEMAND</b>		
<b>10</b>	<b>Processed</b>	<b>974,901</b>	<b>1,098,000</b>
11	- human	23,875	28,000
12	- animal feed (full fat soya)	98,718	140,000
13	- crush (oil/oilcake)	852,308	930,000
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
<b>20</b>	<b>Total Demand</b>	<b>990,216</b>	<b>1,140,700</b>

<b>21</b>	<b>Closing Stock (28/29 Feb)</b>	<b>84,792</b>	<b>259,462</b>
22	- processed p/month	81,242	91,500
23	- months' stock	1.0	2.8
<b>24</b>	<b>- days stock</b>	<b>32</b>	<b>86</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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