



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.

## South African Supply and Demand Estimates November 2017 Report

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

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SASDE – 54<sup>th</sup> meeting held on the 1<sup>st</sup> of December 2017

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THE SOUTH AFRICAN SUPPLY AND DEMAND PROJECTIONS FOR GRAINS AND OILSEEDS FOR  
NOVEMBER 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 7 165 000 tons. The total local demand is projected at 6 340 000 tons. This includes 4 400 000 tons processed for human consumption, 1 850 000 tons processed for animal and industrial consumption, 15 000 tons for gristing, 35 000 tons withdrawn by producers, 35 000 tons released to end-consumers and a balancing figure of 5 000 tons (net receipts and net dispatches).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 765 000 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 2 840 000 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 2 842 036 tons. At an average processed quantity of 522 083 tons per month, this represents available stock for 5.4 months or 166 days.

### YELLOW MAIZE (2017/18 Season)

**Supply:** The total supply of yellow maize is projected at 7 015 409 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 49 358 tons with a surplus of 18 000 tons.

**Demand:** The total demand (local and exports) for yellow maize is projected at 5 473 000 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 1 300 000 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 2 380 000 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 1 542 409 tons. At an average processed quantity of 314 417 tons per month, this represents available stock for 4.9 months or 149 days.

### TOTAL MAIZE (2017/18 Season)

**Supply:** The total supply of maize is projected at 17 022 445 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 204 193 tons with a surplus of 38 000 tons.

**Demand:** The total demand (local and exports) for maize is projected at 12 638 000 tons. The total local demand is projected at 10 383 000 tons. This includes 4 960 000 tons processed for human consumption, 5 050 000 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 2 065 000 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 5 220 000 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 4 384 445 tons. At an average processed quantity of 836 500 tons per month, this represents available stock for 5.2 months or 159 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 154 900 tons. This includes 7 000 tons for indoor malting, 28 000 tons for floor malting, 95 000 tons for meal, rice and grits, 7 600 tons for feed, 1 300 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 10 000 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 31 271 tons. At an average processed quantity of 11 467 tons per month, this represents available stock for 2.7 months or 83 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 32 500 tons. This includes 6 000 tons for indoor malting, 21 000 tons for floor malting, 800 tons for meal, rice and grits, 850 tons for feed, 1 200 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 25 402 tons. At an average processed quantity of 2 388 tons per month, this represents available stock for 10.6 months or 324 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 187 400 tons. This includes 13 000 tons for indoor malting, 49 000 tons for floor malting, 95 800 tons for meal, rice and grits, 8 450 tons for feed, 2 500 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 12 000 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 56 673 tons. At an average processed quantity of 13 854 tons per month, this represents available stock for 4.1 months or 124 days.

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

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

**Supply:** The total supply of wheat is projected at 3 697 674 tons for the 2017/18 marketing season. This includes an opening stock (at 1 October 2017) of 341 424 tons, local commercial deliveries of 1 549 250 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 3 208 700 tons. This includes 3 100 000 tons processed for human consumption, 2 000 tons processed for animal consumption, 1 500 tons withdrawn by producers, 1 200 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 488 974 tons. At an average processed quantity of 258 500 tons per month, this represents available stock for 1.9 months or 58 days.

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

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

**Supply:** The total supply of sunflower seed is projected at 1 047 731 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 9 500 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 229 031 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 1 091 006 tons. This includes 28 000 tons processed for human consumption, 140 000 tons processed for animal (full fat) consumption, 880 000 tons for crush for oil and oilcake, 1 500 tons withdrawn by producers, 1 500 tons released to end consumers, 8 506 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 309 156 tons. At an average processed quantity of 87 333 tons per month, this represents available stock for 3.5 months or 108 days.

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

*(Please note: When utilizing as 45 days' stock proxy, there is potential for 210 000 tons of soybeans available for exports for the 2017/18 marketing season).*

**PLEASE NOTE:** The December 2017 SASDE Report will be released on the 11<sup>th</sup> of January 2018.

Appendix 1: Detailed S & D table for White, Yellow and Total Maize November 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
CEC (Crop Estimate)	3,408,500	9,892,750	4,370,000	6,851,250	7,778,500	16,744,000
CEC (Retention)	0	250,000	0	400,000	0	650,000
Min: Early deliveries for current season (March + April)	0	503,551	0	300,642	0	804,193
Plus: Early deliveries for next season (March + April)**	0	250,000	0	350,000	0	600,000
<b>Available for the commercial market</b>	<b>3,408,500</b>	<b>9,389,199</b>	<b>4,370,000</b>	<b>6,500,608</b>	<b>7,778,500</b>	<b>15,889,807</b>

<b>SUPPLY</b>						
Opening stock (1 May)	1,307,867	597,837	1,163,200	496,801	2,471,067	1,094,638
Producer deliveries	3,551,822	9,642,750	3,917,778	6,451,250	7,469,600	16,094,000
Imports	644,144	0	1,592,599	0	2,236,743	0
Early deliveries (Net)*	0	-253,551	0	49,358	0	-204,193
Surplus	31,994	20,000	12,423	18,000	44,417	38,000
<b>Total Supply</b>	<b>5,535,827</b>	<b>10,007,036</b>	<b>6,686,000</b>	<b>7,015,409</b>	<b>12,221,827</b>	<b>17,022,445</b>

<b>DEMAND</b>						
<b>Processed for the local market</b>	<b>4,331,787</b>	<b>6,265,000</b>	<b>5,506,922</b>	<b>3,773,000</b>	<b>9,838,709</b>	<b>10,038,000</b>
- human	4,232,583	4,400,000	576,638	560,000	4,809,221	4,960,000
- animal and industrial	86,153	1,850,000	4,917,657	3,200,000	5,003,810	5,050,000
- gristing	13,051	15,000	12,627	13,000	25,678	28,000
Withdrawn by producers	14,083	35,000	80,865	75,000	94,948	110,000

Released to end-consumers	5,660	35,000	151,800	180,000	157,460	215,000
Net receipts(-)/disp(+)	-963	5,000	10,733	15,000	9,770	20,000
Deficit	0	0	0	0	0	0
<b>Local demand</b>	<b>4,350,567</b>	<b>6,340,000</b>	<b>5,750,320</b>	<b>4,043,000</b>	<b>10,100,887</b>	<b>10,383,000</b>
<b>Exports</b>	<b>587,423</b>	<b>825,000</b>	<b>438,879</b>	<b>1,430,000</b>	<b>1,026,302</b>	<b>2,255,000</b>
- products	41,042	60,000	148,070	130,000	189,112	190,000
- whole maize	546,381	765,000	290,809	1,300,000	837,190	2,065,000
<b>Total Demand</b>	<b>4,937,990</b>	<b>7,165,000</b>	<b>6,189,199</b>	<b>5,473,000</b>	<b>11,127,189</b>	<b>12,638,000</b>

<b>Closing Stock (30 Apr)</b>	<b>597,837</b>	<b>2,842,036</b>	<b>496,801</b>	<b>1,542,409</b>	<b>1,094,638</b>	<b>4,384,445</b>
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- processed p/month	360,982	522,083	458,910	314,417	819,892	836,500
- months' stock	1.7	5.4	1.1	4.9	1.3	5.2
<b>- days' stock</b>	<b>50</b>	<b>166</b>	<b>33</b>	<b>149</b>	<b>41</b>	<b>159</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 2016, are included in the 2016/17 seasons' estimate (As per CEC estimates)

Appendix 2: Detailed S & D table for Sweet, Bitter and Total Sorghum November 2017

	Marketing season	Sweet Sorghum	Sweet Sorghum	Bitter Sorghum	Bitter Sorghum	Total Sorghum	Total Sorghum
		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
<b>3</b>	<b>Available for the commercial market</b>	<b>0</b>	<b>94,335</b>	<b>0</b>	<b>54,500</b>	<b>0</b>	<b>148,835</b>

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	74,957	60,000	0	0	74,957	60,000
8	Surplus	0	0	0	0	0	0
<b>9</b>	<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>						
<b>11</b>	<b>Processed</b>	<b>136,753</b>	<b>137,600</b>	<b>33,562</b>	<b>28,650</b>	<b>170,315</b>	<b>166,250</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	21,000	51,026	49,000
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	2,900	1,629	200	4,723	3,100
18	Bio-fuel	0	0	0	0	0	0
19	Withdrawn by producers	181	1,300	463	1,200	644	2,500
20	Released to end-consumers	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	10,000	4,280	2,000	12,649	12,000



		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
<b>24</b>	<b>Total Demand</b>	<b>153,167</b>	<b>154,900</b>	<b>38,272</b>	<b>32,500</b>	<b>191,439</b>	<b>187,400</b>
<b>25</b>	<b>Ending Stock (28/29 Feb)</b>	<b>31,836</b>	<b>31,271</b>	<b>3,402</b>	<b>25,402</b>	<b>35,238</b>	<b>56,673</b>
26	- processed p/month	11,396	11,467	2,797	2,388	14,193	13,854
27	- months' stock	2.8	2.7	1.2	10.6	2.5	4.1
<b>28</b>	<b>- days' stock</b>	<b>85</b>	<b>83</b>	<b>37</b>	<b>324</b>	<b>76</b>	<b>124</b>

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

		<b>Wheat</b>	<b>Wheat</b>
	<b>Marketing season</b>	<b>Final for 2016/17</b>	<b>Projection for 2017/18</b>
			<b>tons</b>
1	CEC (Crop Estimate)	1,910,000	1,581,250
2	CEC (Retention)	NA	32,000
<b>3</b>	<b>SUPPLY</b>		
4	Opening stock (1 Oct)	827,232	341,424
5	Prod deliveries*	1,870,525	1,549,250
6	Imports	934,765	1,800,000
7	Surplus	9,249	7,000
<b>8</b>	<b>Total Supply</b>	<b>3,641,771</b>	<b>3,697,674</b>
<b>9</b>	<b>DEMAND</b>		
<b>10</b>	<b>Processed</b>	<b>3,163,196</b>	<b>3,102,000</b>
11	- human	3,160,660	3,100,000
12	- animal	2,536	2,000
13	- gristing	0	0
14	Withdrawn by producers	1,880	1,500
15	Released to end-consumers	1,256	1,200
16	Seed for planting purposes	24,067	22,000
17	Net receipts(-)/disp(+)	5,101	10,000
18	Deficit	0	0
19	Exports	104,847	72,000
20	- products	11,949	12,000
21	- whole wheat	92,898	60,000
<b>22</b>	<b>Total Demand</b>	<b>3,300,347</b>	<b>3,208,700</b>
<b>23</b>	<b>Closing Stock (30 Sep)</b>	<b>341,424</b>	<b>488,974</b>
24	- processed p/month	263,600	258,500
25	- months' stock	1.3	1.9
<b>26</b>	<b>- days' stock</b>	<b>39</b>	<b>58</b>

**Appendix 4: Detailed S & D table for Sunflower Seed November 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 Mar)	45,867	163,086
4	Prod deliveries	759,614	874,595
5	Imports	70,643	550
6	Surplus	4,268	9,500
7	<b>Total Supply</b>	<b>880,392</b>	<b>1,047,731</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>229,031</b>
21	- processed p/month	58,944	67,392
22	- months' stock	2.8	3.4
23	- days' stock	84	103

**Appendix 5: Detailed S & D table for Soybeans for November 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 Mar)	89,128	84,792
5	Prod deliveries	713,660	1,284,370
6	Imports	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>1,048,000</b>
11	- human	23,875	28,000
12	- animal feed (full fat soya)	98,718	140,000
13	- crush (oil/oilcake)	852,308	880,000
14	Withdrawn by producers	367	1,500
15	Released to end-consumers	1,098	1,500
16	Seed for planting purposes	5,678	8,506
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>1,091,006</b>

<b>21</b>	<b>Closing Stock (28/29 Feb)</b>	<b>84,792</b>	<b>309,156</b>
22	- processed p/month	81,242	87,333
23	- months' stock	1.0	3.5
<b>24</b>	<b>- days stock</b>	<b>32</b>	<b>108</b>

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