

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 jointly fund the Grain and Oilseeds Supply & Demand Estimates (S&DE) initiative.

## South African Supply and Demand Estimates July 2019 Report

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

SASDE – 74<sup>th</sup> meeting, 29<sup>th</sup> of July 2019

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

### WHITE MAIZE (2019/20 Season)

**Supply:** The total supply of white maize is projected at 7 255 340 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 5 412 240 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 6 182 000 tons. The total domestic demand is projected at 5 506 000 tons. This includes 4 650 000 tons processed for human consumption, 800 000 tons processed for animal and industrial consumption, 12 000 tons for gristing, 20 000 tons withdrawn by producers, 20 000 tons released to end-consumers and a balancing figure of 4 000 tons (net receipts and net dispatches). A projected export quantity of 76 000 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 1 000 000 tons of white maize available for exports for the 2019/20 marketing season. The S&DEC takes 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 1 073 340 tons. At an average processed quantity of 455 167 tons per month, this represent available stock levels for 2.4 months or 72 days.

#### **YELLOW MAIZE (2019/20 Season)**

**Supply:** The total supply of yellow maize is projected at 6 477 663 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 5 056 620 tons. Yellow maize imports of 470 000 tons are estimated for the current season, early deliveries of 68 955 tons and a surplus of 18 000 tons.

**Demand:** The total demand (domestic plus exports) for yellow maize is projected at 5 956 500 tons. The total domestic demand is projected at 5 556 500 tons. This includes 580 000 tons processed for human consumption, 4 770 000 tons processed for animal and industrial consumption, 11 500 tons for gristing, 50 000 tons withdrawn by producers, 135 000 tons released to end-consumers and a balancing figure of 10 000 tons (net receipts and net dispatches). A projected export quantity of 150 000 tons of processed products and 250 000 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 521 163 tons. At an average processed quantity of 446 792 tons per month, this represent available stock levels for 1.2 months or 35 days.

#### **TOTAL MAIZE (2019/20 Season)**

**Supply:** The total supply of maize is projected at 13 733 003 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 10 468 860 tons. Whole maize imports of 470 000 tons are estimated, with early deliveries of 103 057 tons and a surplus of 28 000 tons.

**Demand:** The total demand (domestic plus exports) for maize is projected at 12 138 500 tons. The total domestic demand is projected at 11 062 500 tons. This includes 5 230 000 tons processed for human consumption, 5 570 000 tons processed for animal and industrial consumption, 23 500 tons for gristing, 70 000 tons withdrawn by producers, 155 000 tons released to end-consumers and a balancing figure of 14 000 tons (net receipts and net dispatches). A projected export quantity of 226 000 tons of processed products and 850 000 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 1 594 503 tons. At an average processed quantity of 901 958 tons per month, this represents available stock levels for 1.8 months or 54 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 191 404 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 115 950 tons, imports of 40 000 tons for South Africa and a sweet sorghum surplus of 500 tons.

**Demand:** The total demand (domestic plus exports) for sweet sorghum is projected at 148 050 tons. This includes 2 500 tons for indoor malting, 24 000 tons for floor malting, 100 000 tons for meal, rice and grits, 9 150 tons for feed, 900 tons withdrawn by producers, 1 000 tons released to end consumers, and a balancing figure of 500 tons (net receipts and net dispatches). A projected export quantity of 10 000 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 43 354 tons. At an average processed quantity of 11 304 tons per month, this represent available stock levels for 3.8 months or 117 days.

### **BITTER SORGHUM (2019/20 Season)**

**Supply:** The total supply of bitter sorghum is projected 55 006 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 37 500 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 36 900 tons. This includes 8 000 tons for indoor malting, 25 000 tons for floor malting, 1 000 tons for meal, rice and grits, 1 300 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 1 000 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 18 106 tons. At an average processed quantity of 2 942 tons per month, this represent available stock levels for 6.2 months or 187 days.

### **TOTAL SORGHUM (2019/20 Season)**

**Supply:** The total supply of sorghum is projected at 246 410 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 153 450 tons, sorghum imports of 40 400 tons for South Africa with a surplus of 700 tons.

**Demand:** The total demand (domestic plus exports) for sorghum is projected at 184 950 tons. This includes 10 500 tons for indoor malting, 49 000 tons for floor malting, 101 000 tons for meal, rice and grits, 10 450 tons for feed, 1 300 tons withdrawn by producers, 1 050 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 11 000 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 61 460 tons. At an average processed quantity of 14 246 tons per month, this represent available stock levels for 4.3 months or 131 days.

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

### **WHEAT (2018/19 Season)**

**Supply:** The total supply of wheat is projected at 3 964 534 tons for the 2018/19 marketing season. This includes an opening stock level (at 1 October 2018) of 721 534 tons, local commercial deliveries of

1 835 000 tons, whole wheat imports estimated for South Africa of 1 400 000 tons and a surplus of 8 000 tons.

**Demand:** The total demand (domestic plus exports) for wheat is projected at 3 383 900 tons. This includes 3 240 000 tons processed for human consumption, 3 000 tons processed for animal consumption, 1 000 tons withdrawn by producers, 2 500 tons released to end consumers, 18 900 tons projected seed for planting purposes and a balancing figure of 6 500 tons (net receipts and net dispatches). A projected export quantity of 12 000 tons processed products and 100 000 tons whole wheat is estimated for exports for the 2018/19 marketing season.

**Stock levels:** The projected closing stock level at 30 September 2019 is estimated at 580 634 tons. At an average processed quantity of 270 250 tons per month, this represent available stock levels for 2.1 months or 65 days.

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

### **SUNFLOWER SEED (2019/20 Season)**

**Supply:** The total supply of sunflower seed is projected at 822 805 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 655 640 tons, sunflower seed imports of 40 000 tons for South Africa and a surplus of 7 000 tons.

**Demand:** The total demand (domestic plus exports) for sunflower seed is projected at 734 700 tons. This includes 1 500 tons processed for human consumption, 6 000 tons processed for animal consumption, 720 000 tons for crush (oil and oilcake), 500 tons withdrawn by producers, 1 500 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 88 105 tons. At an average processed quantity of 60 625 tons per month, this represents available stock levels for 1.5 months or 44 days.

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

### **SOYBEANS (2019/20 Season)**

**Supply:** The total supply of soybeans is projected at 1 655 586 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 7 000 tons for South Africa and a surplus of 6 000 tons.

**Demand:** The total demand (domestic plus exports) for soybeans is projected at 1 422 200 tons. This includes 25 500 tons processed for human consumption, 230 000 tons processed for animal (full fat) consumption, 1 150 000 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 500 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 233 386 tons. At an average processed quantity of 117 125 tons per month, this represents available stock levels for 2 months or 61 days.

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

**PLEASE NOTE:** The August 2019 SASDE Report will be released on the **30<sup>th</sup>** of **August 2019**.

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

		White Maize		Yellow Maize		Total Maize	
	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)	6,540,000	5,572,240	5,970,000	5,406,620	12,510,000	10,978,860
2	CEC (Retention)	0	160,000	0	350,000	0	510,000
3	Min: Early deliveries for current season (March + April)**	0	85,898	0	181,045	0	266,943
4	Plus: Early deliveries for next season (March + April)**	0	120,000	0	250,000	0	370,000
5	<b>Available for the commercial market</b>	<b>6,540,000</b>	<b>5,446,342</b>	<b>5,970,000</b>	<b>5,125,575</b>	<b>12,510,000</b>	<b>10,571,917</b>
<b>6 SUPPLY</b>							
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	5,412,240	5,674,911	5,056,620	11,983,852	10,468,860
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	18,000	22,173	28,000
12	<b>Total Supply</b>	<b>8,738,997</b>	<b>7,255,340</b>	<b>7,128,126</b>	<b>6,477,663</b>	<b>15,867,123</b>	<b>13,733,003</b>
<b>13 DEMAND</b>							
14	<b>Processed for the local market</b>	<b>6,283,320</b>	<b>5,462,000</b>	<b>4,407,657</b>	<b>5,361,500</b>	<b>10,690,977</b>	<b>10,823,500</b>
15	- human	4,594,123	4,650,000	566,649	580,000	5,160,772	5,230,000

		White Maize		Yellow Maize		Total Maize	
	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
16	- animal and industrial	1,677,236	800,000	3,829,944	4,770,000	5,507,180	5,570,000
17	- gristing	11,961	12,000	11,064	11,500	23,025	23,500
18	Withdrawn by prod	12,844	20,000	51,420	50,000	64,264	70,000
19	Released to end-cons	22,946	20,000	128,697	135,000	151,643	155,000
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	<b>Local demand</b>	<b>6,323,348</b>	<b>5,506,000</b>	<b>4,596,631</b>	<b>5,556,500</b>	<b>10,919,979</b>	<b>11,062,500</b>
23	<b>Exports</b>	<b>616,651</b>	<b>676,000</b>	<b>1,667,407</b>	<b>400,000</b>	<b>2,284,058</b>	<b>1,076,000</b>
24	- products	72,280	76,000	141,312	150,000	213,592	226,000
25	- whole maize	544,371	600,000	1,526,095	250,000	2,070,466	850,000
26	<b>Total Demand</b>	<b>6,939,999</b>	<b>6,182,000</b>	<b>6,264,038</b>	<b>5,956,500</b>	<b>13,204,037</b>	<b>12,138,500</b>
27	<b>Closing Stock (30 Apr)</b>	<b>1,798,998</b>	<b>1,073,340</b>	<b>864,088</b>	<b>521,163</b>	<b>2,663,086</b>	<b>1,594,503</b>
28	- processed p/month	523,610	455,167	367,305	446,792	890,915	901,958
29	- months' stock	3.4	2.4	2.4	1.2	3.0	1.8
30	<b>- days' stock</b>	<b>105</b>	<b>72</b>	<b>72</b>	<b>35</b>	<b>91</b>	<b>54</b>

**\*\*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).**

**Appendix 2: Detailed S & D table for Sorghum - July 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	116,350	49,850	37,600	115,000	153,950
2	CEC Retentions	300	400	150	100	450	500
3	<b>Available for the commercial market</b>	64,850	115,950	49,700	37,500	114,550	153,450
4	<b>SUPPLY</b>						
5	Opening stock (1 Mch)	31,211	34,954	28,035	16,906	59,246	51,860
6	Prod deliveries	64,887	115,950	50,507	37,500	115,394	153,450
7	Imports for South Africa	43,620	40,000	2,119	400	45,739	40,400
8	Surplus	2,955	500	0	200	2,955	700
9	<b>Total Supply</b>	<b>142,673</b>	<b>191,404</b>	<b>80,661</b>	<b>55,006</b>	<b>223,334</b>	<b>246,410</b>
10	<b>DEMAND</b>						
11	<b>Processed</b>	<b>99,131</b>	<b>135,650</b>	<b>55,613</b>	<b>35,300</b>	<b>154,744</b>	<b>170,950</b>
12	- Indoor malting	618	2,500	9,121	8,000	9,739	10,500
13	- Floor malting	10,569	24,000	36,044	25,000	46,613	49,000
14	- Meal, rice & grits	79,316	100,000	8,399	1,000	87,715	101,000
15	- Pet Food	850	850	0	0	850	850
16	- Poultry feed	5,615	5,800	985	800	6,600	6,600
17	- Livestock feed	2,163	2,500	1,064	500	3,227	3,000



		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
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	1,000	26	50	766	1,050
21	Net receipts(-)/disp(+)	383	500	500	150	883	650
22	Deficit	0	0	4,567	0	4,567	0
23	Exports	6,821	10,000	2,661	1,000	9,482	11,000
<b>24</b>	<b>Total Demand</b>	<b>107,719</b>	<b>148,050</b>	<b>63,755</b>	<b>36,900</b>	<b>171,474</b>	<b>184,950</b>
<b>25</b>	<b>Ending Stock (28/29 Feb)</b>	<b>34,954</b>	<b>43,354</b>	<b>16,906</b>	<b>18,106</b>	<b>51,860</b>	<b>61,460</b>
26	- processed p/month	8,261	11,304	4,634	2,942	12,895	14,246
27	- months' stock	4.2	3.8	3.6	6.2	4.0	4.3
<b>28</b>	<b>- days' stock</b>	<b>129</b>	<b>117</b>	<b>111</b>	<b>187</b>	<b>122</b>	<b>131</b>

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

		<b>Wheat</b>	
	<b>Marketing season</b>	<b>Final for 2017/18</b>	<b>Projection for 2018/19</b>
		<b>tons</b>	<b>tons</b>
1	CEC (Crop Estimate)	1,535,000	1,868,000
2	CEC (Retention)	30,000	33,000
<b>3</b>	<b>SUPPLY</b>		
4	Opening stock (1 Oct)	341,424	721,534
5	Prod deliveries	1,547,486	1,835,000
6	Imports for South Africa	2,173,757	1,400,000
7	Surplus	5,611	8,000
<b>8</b>	<b>Total Supply</b>	<b>4,068,278</b>	<b>3,964,534</b>
<b>9</b>	<b>DEMAND</b>		
<b>10</b>	<b>Processed</b>	<b>3,207,944</b>	<b>3,243,000</b>
11	- human	3,204,732	3,240,000
12	- animal	3,212	3,000
13	- gristing	0	0
14	Withdrawn by producers	884	1,000
15	Released to end-consumers	1,990	2,500
16	Seed for planting purposes	18,237	18,900
17	Net receipts(-)/disp(+)	4,992	6,500
18	Deficit	0	0
<b>19</b>	<b>Exports</b>	<b>112,697</b>	112,000
20	- products	36,848	12,000
21	- whole wheat	75,849	100,000
<b>22</b>	<b>Total Demand</b>	<b>3,346,744</b>	<b>3,383,900</b>
<b>23</b>	<b>Closing Stock (30 Sep)</b>	<b>721,534</b>	<b>580,634</b>
24	- processed p/month	267,329	270,250
25	- months' stock	2.7	2.1
<b>26</b>	<b>- days' stock</b>	<b>82</b>	<b>65</b>

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

		<b>Sunflower Seed</b>	
	<b>Marketing season</b>	<b>Final for 2018/19</b>	<b>Projection for 2019/20</b>
		<b>tons</b>	<b>tons</b>
1	CEC (Crop Estimate)	862,000	655,640
<b>2</b>	<b>SUPPLY</b>		
3	Opening stock (1 Mch)	154,841	120,165
4	Prod deliveries	863,184	655,640
5	Imports for South Africa	1,324	40,000
6	Surplus	6,863	7,000
<b>7</b>	<b>Total Supply</b>	<b>1,026,212</b>	<b>822,805</b>
<b>8</b>	<b>DEMAND</b>		
<b>9</b>	<b>Processed</b>	<b>900,045</b>	<b>727,500</b>
10	- human	1,609	1,500
11	- animal	5,114	6,000
12	- crush (oil and oilcake)	893,322	720,000
13	Withdrawn by producers	519	500
14	Released to end-consumers	1,764	1,500
15	Seed for planting purposes	3,582	3,200
16	Net receipts(-)/disp(+)	-378	1,500
17	Deficit	0	0
18	Exports	515	500
<b>19</b>	<b>Total Demand</b>	<b>906,047</b>	<b>734,700</b>
20	<b>Ending Stock (28/29 Feb)</b>	<b>120,165</b>	<b>88,105</b>
21	- processed p/month	75,004	60,625
22	- months' stock	1.6	1.5
<b>23</b>	<b>- days' stock</b>	<b>49</b>	<b>44</b>

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

		<b>Soybeans</b>	
	<b>Marketing season</b>	<b>Final for 2018/19</b>	<b>Projection for 2019/20</b>
		<b>tons</b>	<b>tons</b>
1	CEC (Crop Estimate)	1,540,000	1,170,345
2	Retention	0	30,000
<b>3</b>	<b>SUPPLY</b>		
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	7,000
7	Surplus	4,497	6,000
<b>8</b>	<b>Total Supply</b>	<b>1,844,953</b>	<b>1,655,586</b>
<b>9</b>	<b>DEMAND</b>		
<b>10</b>	<b>Processed</b>	<b>1,298,544</b>	<b>1,405,500</b>
11	- human	25,005	25,500
12	- animal feed (full fat soya)	218,973	230,000
13	- crush (oil/oilcake)	1,054,566	1,150,000
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	500
18	Deficit	0	0
19	Exports	32,810	4,000
<b>20</b>	<b>Total Demand</b>	<b>1,342,712</b>	<b>1,422,200</b>
<b>21</b>	<b>Closing Stock (28/29 Feb)</b>	<b>502,241</b>	<b>233,386</b>
22	- processed p/month	108,212	117,125
23	- months' stock	4.6	2.0
<b>24</b>	<b>- days stock</b>	<b>141</b>	<b>61</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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