



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 May 2019 Report

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

SASDE – 72<sup>nd</sup> meeting, 31<sup>st</sup> of May 2019

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

### WHITE MAIZE (2019/20 Season)

**Supply:** The total supply of white maize is projected at 7 166 298 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 May 2019) of 1 803 258 tons and local commercial deliveries of 5 328 040 tons. No whole white maize imports are estimated for the current season, with net early deliveries of 30 000 tons and a surplus of 5 000 tons.

**Demand:** The total demand (domestic plus exports) for white maize is projected at 6 226 000 tons. The total domestic demand is projected at 5 606 000 tons. This includes 4 650 000 tons processed for human consumption, 900 000 tons processed for animal and industrial consumption, 12 000 tons for gristing, 20 000 tons withdrawn by producers, 20 000 tons released to end-consumers and a balancing figure of 4 000 tons (net receipts and net dispatches).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 70 000 tons of processed products and 550 000 tons of white 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 940 298 tons. At an average processed quantity of 463 500 tons per month, this represents available stock levels for 2 months or 62 days.

### YELLOW MAIZE (2019/20 Season)

**Supply:** The total supply of yellow maize is projected at 6 449 033 tons for the 2019/20 marketing season. This includes an opening stock (at 1 May 2019) of 868 813 tons and local commercial deliveries of 5 062 220 tons. Yellow maize imports of 450 000 tons are estimated for the current season, early deliveries of 50 000 tons and a surplus of 18 000 tons.

**Demand:** The total demand (domestic plus exports) for yellow maize is projected at 5 836 500 tons. The total domestic demand is projected at 5 436 500 tons. This includes 570 000 tons processed for human consumption, 4 660 000 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 612 533 tons. At an average processed quantity of 436 792 tons per month, this represents available stock levels for 1.4 months or 43 days.

### TOTAL MAIZE (2019/20 Season)

**Supply:** The total supply of maize is projected at 13 615 331 tons for the 2019/20 marketing season. This includes an opening stock (at 1 May 2019) of 2 672 071 tons and local commercial deliveries of 10 390 260 tons. Whole maize imports of 450 000 tons are estimated, with early deliveries of 80 000 tons and a surplus of 23 000 tons.

**Demand:** The total demand (domestic plus exports) for maize is projected at 12 062 500 tons. The total domestic demand is projected at 11 042 500 tons. This includes 5 220 000 tons processed for human consumption, 5 560 000 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 220 000 tons of processed products and 800 000 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 1 552 831 tons. At an average processed quantity of 900 292 tons per month, this represents available stock levels for 1.7 months or 52 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 179 204 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 142 150 tons, imports of 1 100 tons for South Africa and a sweet sorghum surplus of 1 000 tons.

**Demand:** The total demand (domestic plus exports) for sweet sorghum is projected at 141 600 tons. This includes 3 000 tons for indoor malting, 24 000 tons for floor malting, 93 000 tons for meal, rice and grits, 9 200 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 37 604 tons. At an average processed quantity of 10 767 tons per month, this represents available stock levels for 3.5 months or 106 days.

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

**Supply:** The total supply of bitter sorghum is projected 41 106 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 23 200 tons, bitter sorghum imports of 500 tons and a surplus of 500 tons for South Africa.

**Demand:** The total demand (domestic plus exports) for bitter sorghum is projected at 38 450 tons. This includes 8 000 tons for indoor malting, 25 000 tons for floor malting, 2 000 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 deficit of 550 tons. 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 2 656 tons. At an average processed quantity of 3 025 tons per month, this represents available stock levels for 0.9 months or 27 days.

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

**Supply:** The total supply of sorghum is projected at 220 310 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 165 350 tons, sorghum imports of 1 600 tons for South Africa with a surplus of 1 500 tons.

**Demand:** The total demand (domestic plus exports) for sorghum is projected at 180 050 tons. This includes 11 000 tons for indoor malting, 49 000 tons for floor malting, 95 000 tons for meal, rice and grits, 10 500 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 deficit of 550 tons. 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 40 260 tons. At an average processed quantity of 13 792 tons per month, this represents available stock levels for 2.9 months or 89 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 3 360 500 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, 19 000 tons projected seed for planting purposes and a balancing figure of 5 000 tons (net receipts and net dispatches). A projected export quantity of 15 000 tons processed products and 75 000 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 604 034 tons. At an average processed quantity of 270 250 tons per month, this represents available stock levels for 2.2 months or 68 days.

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

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

**Supply:** The total supply of sunflower seed is projected at 818 305 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 611 140 tons, sunflower seed imports of 80 000 tons for South Africa and a surplus of 7 000 tons.

**Demand:** The total demand (domestic plus exports) for sunflower seed is projected at 735 200 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, 2 000 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 83 105 tons. At an average processed quantity of 60 625 tons per month, this represents available stock levels for 1.4 months or 42 days.

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

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

**Supply:** The total supply of soybeans is projected at 1 781 086 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 1 265 845 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 1 472 100 tons. This includes 25 500 tons processed for human consumption, 230 000 tons processed for animal (full fat) consumption, 1 200 000 tons for crush (oil and oilcake), 650 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 308 986 tons. At an average processed quantity of 121 292 tons per month, this represents available stock levels for 2.5 months or 77 days.

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



**PLEASE NOTE:** The June 2019 SASDE Report will be released on the **28<sup>th</sup> of June 2019**.

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

		White Maize		Yellow Maize		Total Maize	
	Marketing season	Pre-Final for 2018/19	Projection for 2019/20	Pre-Final for 2018/19	Projection for 2019/20	Pre-Final for 2018/19	Projection for 2019/20
		tons	tons	tons	tons	tons	tons
1	CEC (Crop Estimate)	6,540,000	5,488,040	5,970,000	5,412,220	12,510,000	10,900,260
2	CEC (Retention)	0	160,000	0	350,000	0	510,000
3	Min: Early deliveries for current season (March + April)**	0	90,000	0	200,000	0	290,000
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>5,358,040</b>	<b>5,970,000</b>	<b>5,112,220</b>	<b>12,510,000</b>	<b>10,470,260</b>
6	<b>SUPPLY</b>						
7	Opening stock (1 May)	2,428,653	1,803,258	1,260,823	868,813	3,689,476	2,672,071
8	Producer deliveries	6,308,511	5,328,040	5,675,138	5,062,220	11,983,649	10,390,260
9	Imports for South Africa	0	0	171,622	450,000	171,622	450,000
10	Early deliveries (Net)*	0	30,000	0	50,000	0	80,000
11	Surplus	2,874	5,000	19,499	18,000	22,373	23,000
12	<b>Total Supply</b>	<b>8,740,038</b>	<b>7,166,298</b>	<b>7,127,082</b>	<b>6,449,033</b>	<b>15,867,120</b>	<b>13,615,331</b>
13	<b>DEMAND</b>						
14	<b>Processed for the local market</b>	<b>6,285,821</b>	<b>5,562,000</b>	<b>4,404,838</b>	<b>5,241,500</b>	<b>10,690,659</b>	<b>10,803,500</b>
15	- human	4,596,047	4,650,000	566,602	570,000	5,162,649	5,220,000

		White Maize		Yellow Maize		Total Maize	
	Marketing season	Pre-Final for 2018/19	Projection for 2019/20	Pre-Final for 2018/19	Projection for 2019/20	Pre-Final for 2018/19	Projection for 2019/20
		tons	tons	tons	tons	tons	tons
16	- animal and industrial	1,677,816	900,000	3,827,172	4,660,000	5,504,988	5,560,000
17	- gristing	11,958	12,000	11,064	11,500	23,022	23,500
18	Withdrawn by prod	12,873	20,000	51,549	50,000	64,422	70,000
19	Released to end-cons	22,946	20,000	128,278	135,000	151,224	155,000
20	Net receipts(-)/disp(+)	3,312	4,000	9,471	10,000	12,783	14,000
21	Deficit	0	0	0	0	0	0
22	<b>Local demand</b>	<b>6,324,952</b>	<b>5,606,000</b>	<b>4,594,136</b>	<b>5,436,500</b>	<b>10,919,088</b>	<b>11,042,500</b>
23	<b>Exports</b>	<b>611,828</b>	<b>620,000</b>	<b>1,664,133</b>	<b>400,000</b>	<b>2,275,961</b>	<b>1,020,000</b>
24	- products	67,457	70,000	139,051	150,000	206,508	220,000
25	- whole maize	544,371	550,000	1,525,082	250,000	2,069,453	800,000
26	<b>Total Demand</b>	<b>6,936,780</b>	<b>6,226,000</b>	<b>6,258,269</b>	<b>5,836,500</b>	<b>13,195,049</b>	<b>12,062,500</b>
27	<b>Closing Stock (30 Apr)</b>	<b>1,803,258</b>	<b>940,298</b>	<b>868,813</b>	<b>612,533</b>	<b>2,672,071</b>	<b>1,552,831</b>
28	- processed p/month	523,818	463,500	367,070	436,792	890,888	900,292
29	- months' stock	3.4	2.0	2.4	1.4	3.0	1.7
30	<b>- days' stock</b>	<b>105</b>	<b>62</b>	<b>72</b>	<b>43</b>	<b>91</b>	<b>52</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 - May 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	142,550	49,850	23,300	115,000	165,850
2	CEC Retentions	300	400	150	100	450	500
<b>3</b>	<b>Available for the commercial market</b>	<b>64,850</b>	<b>142,150</b>	<b>49,700</b>	<b>23,200</b>	<b>114,550</b>	<b>165,350</b>
<b>4</b>	<b>SUPPLY</b>						
5	Opening stock (1 Mar)	31,211	34,954	28,035	16,906	59,246	51,860
6	Prod deliveries	64,887	142,150	50,507	23,200	115,394	165,350
7	Imports for South Africa	43,620	1,100	2,119	500	45,739	1,600
8	Surplus	2,955	1,000	0	500	2,955	1,500
<b>9</b>	<b>Total Supply</b>	<b>142,673</b>	<b>179,204</b>	<b>80,661</b>	<b>41,106</b>	<b>223,334</b>	<b>220,310</b>
<b>10</b>	<b>DEMAND</b>						
<b>11</b>	<b>Processed</b>	<b>99,131</b>	<b>129,200</b>	<b>55,613</b>	<b>36,300</b>	<b>154,744</b>	<b>165,500</b>
12	- Indoor malting	618	3,000	9,121	8,000	9,739	11,000
13	- Floor malting	10,569	24,000	36,044	25,000	46,613	49,000
14	- Meal, rice & grits	79,316	93,000	8,399	2,000	87,715	95,000
15	- Pet Food	850	900	0	0	850	900
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
18	Bio-fuel	0	0	0	0	0	0



		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
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	550	4,567	550
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>141,600</b>	<b>63,755</b>	<b>38,450</b>	<b>171,474</b>	<b>180,050</b>
<b>25</b>	<b>Ending Stock (28/29 Feb)</b>	<b>34,954</b>	<b>37,604</b>	<b>16,906</b>	<b>2,656</b>	<b>51,860</b>	<b>40,260</b>
26	- processed p/month	8,261	10,767	4,634	3,025	12,895	13,792
27	- months' stock	4.2	3.5	3.6	0.9	4.0	2.9
<b>28</b>	<b>- days' stock</b>	<b>129</b>	<b>106</b>	<b>111</b>	<b>27</b>	<b>122</b>	<b>89</b>

### Appendix 3: Detailed S & D table for Wheat - May 2019

		Wheat	
	Marketing season	Final for 2017/18	Projection for 2018/19
		tons	tons
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	19,000
17	Net receipts(-)/disp(+)	4,992	5,000
18	Deficit	0	0
19	Exports	112,697	90,000
20	- products	36,848	15,000
21	- whole wheat	75,849	75,000
<b>22</b>	<b>Total Demand</b>	<b>3,346,744</b>	<b>3,360,500</b>
<b>23</b>	<b>Closing Stock (30 Sep)</b>	<b>721,534</b>	<b>604,034</b>
24	- processed p/month	267,329	270,250
25	- months' stock	2.7	2.2
<b>26</b>	<b>- days' stock</b>	<b>82</b>	<b>68</b>

**Appendix 4: Detailed S & D table for Sunflower Seed – May 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	611,140
<b>2</b>	<b>SUPPLY</b>		
3	Opening stock (1 Mar)	154,841	120,165
4	Prod deliveries	863,184	611,140
5	Imports for South Africa	1,324	80,000
6	Surplus	6,863	7,000
<b>7</b>	<b>Total Supply</b>	<b>1,026,212</b>	<b>818,305</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	2,000
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>735,200</b>
20	<b>Ending Stock (28/29 Feb)</b>	<b>120,165</b>	<b>83,105</b>
21	- processed p/month	75,004	60,625
22	- months' stock	1.6	1.4
<b>23</b>	<b>- days' stock</b>	<b>49</b>	<b>42</b>

**Appendix 5: Detailed S & D table for Soybeans – May 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	1,295,845
2	Retention	0	30,000
<b>3</b>	<b>SUPPLY</b>		
4	Opening stock (1 Mar)	330,535	502,241
5	Prod deliveries	1,502,976	1,265,845
6	Imports for South Africa	6,945	7,000
7	Surplus	14,394	6,000
<b>8</b>	<b>Total Supply</b>	<b>1,854,850</b>	<b>1,781,086</b>
<b>9</b>	<b>DEMAND</b>		
<b>10</b>	<b>Processed</b>	<b>1,308,441</b>	<b>1,455,500</b>
11	- human	25,005	25,500
12	- animal feed (full fat soya)	218,973	230,000
13	- crush (oil/oilcake)	1,064,463	1,200,000
14	Withdrawn by producers	567	650
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>1,352,609</b>	<b>1,472,100</b>
<b>21</b>	<b>Closing Stock (28/29 Feb)</b>	<b>502,241</b>	<b>308,986</b>
22	- processed p/month	109,037	121,292
23	- months' stock	4.6	2.5
<b>24</b>	<b>- days stock</b>	<b>140</b>	<b>77</b>

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