



# NAMMC

Promoting market access for South African agriculture



## South African Supply and Demand Estimates

July 2022 Report



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

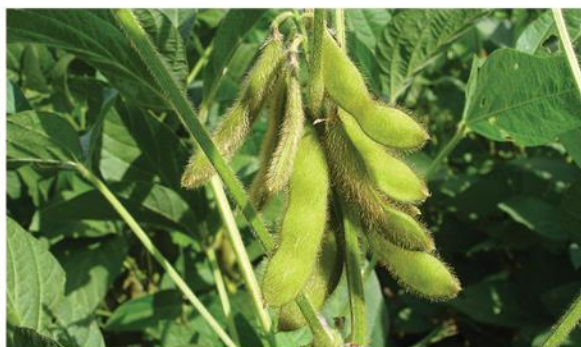
SASDE – 110<sup>th</sup> meeting held on  
29 July 2022



The NAMC, Maize Trust, Oil and Protein  
Seeds Development Trust, Sorghum Trust  
and Winter Cereal Trust jointly fund the  
Grain and Oilseeds Supply & Demand  
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## THE SOUTH AFRICAN SUPPLY AND DEMAND PROJECTIONS FOR GRAINS AND OILSEEDS FOR JULY 2022 ARE AS FOLLOWS:

### WHITE MAIZE (2022/23 Season)

**Supply:** The total supply of white maize is projected at 8 906 749 tons for the 2022/23 marketing season. This includes an opening stock level (at 1 May 2022) of 1 465 537 tons and local commercial deliveries of 7 270 400 tons. Whole white maize imports are estimated at 0 tons for the season, early deliveries of 158 812 tons and a surplus of 12 000 tons.

**Demand:** The total demand (domestic plus exports) for white maize is projected at 8 027 200 tons. The total domestic demand is projected at 7 147 200 tons. This includes 4 860 000 tons processed for human consumption, 2 250 000 tons processed for animal and industrial consumption, 11 200 tons for gristing, 12 000 tons withdrawn by producers, 9 000 tons released to end-consumers and a balancing figure of 5 000 tons (net receipts and net dispatches). A projected export quantity of 180 000 tons of processed products and 700 000 tons of white whole maize is estimated for exports for the 2022/23 marketing season.

**Stock levels:** The projected closing stock level for 30 April 2023 is estimated at 879 549 tons. At an average processed quantity of 593 433 tons per month, this represents available stock levels for 1.5 months or 45 days.

### YELLOW MAIZE (2022/23 Season)

**Supply:** The total supply of yellow maize is projected at 7 637 222 tons for the 2022/23 marketing season. This includes an opening stock (at 1 May 2022) of 658 682 tons and local commercial deliveries of 6 833 400 tons. No yellow maize imports estimated for the season, early deliveries of 127 140 tons and a surplus of 18 000 tons.

**Demand:** The total demand (domestic plus exports) for yellow maize is projected at 6 867 000 tons. The total domestic demand is projected at 4 382 000 tons. This includes 530 000 tons processed for human consumption, 3 750 000 tons processed for animal and industrial consumption, 6 000 tons for gristing, 30 000 tons withdrawn by producers, 60 000 tons released to end-consumers and a balancing figure of 6 000 tons (net receipts and net dispatches). A projected export quantity of 185 000 tons of processed products and 2 300 000 tons of yellow whole maize is estimated for exports for the 2022/23 marketing season.

**Stock levels:** The projected closing stock level for 30 April 2023 is estimated at 770 222 tons. At an average processed quantity of 357 167 tons per month, this represents available stock levels for 2.2 months or 66 days.

*Please note: When utilizing 45 days' stock as a proxy, there is potential for 2 542 000 tons of yellow maize available for exports for the 2022/23 marketing season (provided there is efficient logistical capacity).*

### TOTAL MAIZE (2022/23 Season)

**Supply:** The total supply of maize is projected at 16 543 971 tons for the 2022/23 marketing season. This includes an opening stock (at 1 May 2022) of 2 124 219 tons and local commercial deliveries of 14 103 800 tons. No imports are expected, early deliveries of 285 952 tons and a surplus of 30 000 tons.

**Demand:** The total demand (domestic plus exports) for maize is projected at 14 894 200 tons. The total domestic demand is projected at 11 529 200 tons. This includes 5 390 000 tons processed for human

consumption, 6 000 000 tons processed for animal and industrial consumption, 17 200 tons for gristing, 42 000 tons withdrawn by producers, 69 000 tons released to end-consumers and a balancing figure of 11 000 tons (net receipts and net dispatches). A projected export quantity of 365 000 tons of processed products and 3 000 000 tons of total whole maize is estimated for exports for the 2022/23 marketing season.

**Stock levels:** The projected closing stock level for 30 April 2023 is estimated at 1 649 771 tons. At an average processed quantity of 950 600 tons per month, this represents available stock levels for 1.7 months or 53 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 (2022/23 Season)**

**Supply:** The total supply of sweet sorghum is projected at 150 086 tons for the 2022/23 marketing season. This includes an opening stock level (at 1 March 2022) of 51 986 tons, local commercial deliveries of 85 600 tons, imports of 2 500 tons for South Africa and a sweet sorghum surplus of 10 000 tons.

**Demand:** The total demand (domestic plus exports) for sweet sorghum is projected at 98 700 tons. This includes 700 tons for indoor malting, 8 500 tons for floor malting, 70 000 tons for meal, rice and grits, 9 800 tons for feed, 600 tons withdrawn by producers, 600 tons released to end consumers, and a balancing figure of 500 tons (net receipts and net dispatches). A projected export quantity of 8 000 tons of sweet sorghum is estimated for exports for the 2022/23 marketing season.

**Stock levels:** The projected closing stock level for 28 February 2023 is estimated at 51 386 tons. At an average processed quantity of 7 417 tons per month, this represents available stock levels for 7 months or 211 days.

### **BITTER SORGHUM (2022/23 Season)**

**Supply:** The total supply of bitter sorghum is projected 104 671 tons for the 2022/23 marketing season. This includes an opening stock level (at 1 March 2022) of 54 171 tons, local commercial deliveries of 49 900 tons, no bitter sorghum imports and a surplus of 600 tons for South Africa.

**Demand:** The total demand (domestic plus exports) for bitter sorghum is projected at 64 855 tons. This includes 10 000 tons for indoor malting, 45 000 tons for floor malting, 2 400 tons for meal, rice and grits, 4 805 tons for feed, 1 000 tons withdrawn by producers, 100 tons released to end consumers, a balancing figure of 50 tons (net receipts and net dispatches), and a zero deficit. A projected export quantity of 1 500 tons of bitter sorghum is estimated for exports for the 2022/23 marketing season.

**Stock levels:** The projected closing stock level for 28 February 2023 is estimated at 39 816 tons. At an average processed quantity of 5 184 tons per month, this represents available stock levels for 8 months or 234 days.

### **TOTAL SORGHUM (2022/23 Season)**

**Supply:** The total supply of sorghum is projected at 254 757 tons for the 2022/23 marketing season. This includes an opening stock level (at 1 March 2022) of 106 157 tons, local commercial deliveries of 135 500 tons, sorghum imports of 2 500 tons for South Africa with a surplus of 10 600 tons.

**Demand:** The total demand (domestic plus exports) for sorghum is projected at 163 555 tons. This includes 10 700 tons for indoor malting, 53 500 tons for floor malting, 72 400 tons for meal, rice and grits, 14 605 tons for feed, 1 600 tons withdrawn by producers, 700 tons released to end consumers, a



balancing figure of 550 tons (net receipts and net dispatches), and a zero deficit. A projected export quantity of 9 500 tons of total sorghum is estimated for exports for the 2022/23 marketing season.

**Stock levels:** The projected closing stock level for 28 February 2023 is estimated at 91 202 tons. At an average processed quantity of 12 600 tons per month, this represents available stock levels for 7 months or 220 days.

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

### **WHEAT (2021/22 Season)**

**Supply:** The total supply of wheat is projected at 4 197 404 tons for the 2021/22 marketing season. This includes an opening stock level (at 1 October 2021) of 467 404 tons, local commercial deliveries of 2 245 000 tons, whole wheat imports estimated for South Africa of 1 475 000 tons and a surplus of 10 000 tons.

**Demand:** The total demand (domestic plus exports) for wheat is projected at 3 643 100 tons. This includes 3 340 000 tons processed for human consumption, 18 500 tons processed for animal consumption, 8 500 tons withdrawn by producers, 1 600 tons released to end consumers, 22 000 tons projected seed for planting purposes and a balancing figure of 3 500 tons (net receipts and net dispatches). A projected export quantity of 24 000 tons processed products and 225 000 tons whole wheat is estimated for exports for the 2021/22 marketing season.

**Stock levels:** The projected closing stock level for 30 September 2022 is estimated at 554 304 tons. At an average processed quantity of 279 875 tons per month, this represents available stock levels for 2.0 months or 60 days.

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

### **SUNFLOWER SEED (2022/23 Season)**

**Supply:** The total supply of sunflower seed is projected at 965 040 tons for the 2022/23 marketing season. This includes an opening stock level (at 1 March 2022) of 31 790 tons, local commercial deliveries of 922 750 tons, sunflower seed imports of 3 500 tons for South Africa and a surplus of 7 000 tons.

**Demand:** The total demand (domestic plus exports) for sunflower seed is projected at 862 520 tons. This includes 1 550 tons processed for human consumption, 5 700 tons processed for animal consumption, 850 000 tons for crush (oil and oilcake), 950 tons withdrawn by producers, 900 tons released to end consumers, 2 500 tons seed for planting purposes and a balancing figure of 500 tons (net receipts and net dispatches). A quantity of 420 tons is estimated for exports for the 2022/23 marketing season.

**Stock levels:** The projected closing stock level for 28 February 2023 is estimated at 102 520 tons. At an average processed quantity of 71 438 tons per month, this represents available stock levels for 1.4 months or 44 days.

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

## SOYBEANS (2022/23 Season)

**Supply:** The total supply of soybeans is projected at 2 301 737 tons for the 2022/23 marketing season. This includes an opening stock level (at 1 March 2022) of 168 387 tons, local commercial deliveries of 2 119 350 tons, 10 000 tons of soybean imports for South Africa and a surplus of 4 000 tons.

**Demand:** The total demand (domestic plus exports) for soybeans is projected at 1 924 900 tons. This includes 22 000 tons processed for human consumption, 190 000 tons processed for animal (full fat) feed, 1 600 000 tons for crush (oil and oilcake), 500 tons withdrawn by producers, 400 tons released to end consumers, 11 500 tons seed for planting purposes, and a balancing figure of 500 tons (net receipts and net dispatches). A quantity of 100 000 tons soybeans is estimated for exports for the 2022/23 marketing season.

**Stock levels:** The projected closing stock level for 28 February 2023 is estimated at 376 837 tons. At an average processed quantity of 151 000 tons per month, this represents available stock levels for 2.5 months or 76 days.

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

### PLEASE NOTE:

**The August 2022 SASDE Report will be released on Friday 2 September 2022 and not 1 September 2022 as scheduled before.**

Appendix 1: Detailed S & D table for White, Yellow and Total Maize: July 2022

		White Maize	White Maize	Yellow Maize	Yellow Maize	Total Maize	Total Maize
Marketing season		Final for 2021/22	Projection for 2022/23	Final for 2021/22	Projection for 2022/23	Final for 2021/22	Projection for 2022/23
		tons	tons	tons	tons	tons	tons
1	CEC (Crop Estimate)	8 600 000	7 470 400	7 715 000	7 243 400	16 315 000	14 713 800
2	CEC (Retention)	202 000	200 000	422 000	410 000	624 000	610 000
3	Min: Early deliveries for current season (March + April)	437 036	141 188	520 271	272 860	957 307	414 048
4	Plus: Early deliveries for next season (March + April)**	141 188	300 000	272 860	400 000	414 048	700 000
5	<b>Available for the commercial market</b>	<b>8 102 152</b>	<b>7 429 212</b>	<b>7 045 589</b>	<b>6 960 540</b>	<b>15 147 741</b>	<b>14 389 752</b>
<b>6 SUPPLY</b>							
7	Opening stock (1 May)	1 354 953	1 465 537	761 953	658 682	2 116 906	2 124 219
8	Producer deliveries	8 135 392	7 270 400	7 131 170	6 833 400	15 266 562	14 103 800
9	Imports	7 583	0	0	0	7 583	0
10	Early deliveries (Net)*	0	158 812	0	127 140	0	285 952
11	Surplus	25 495	12 000	17 894	18 000	43 389	30 000
12	<b>Total Supply</b>	<b>9 523 423</b>	<b>8 906 749</b>	<b>7 911 017</b>	<b>7 637 222</b>	<b>17 434 440</b>	<b>16 543 971</b>
<b>13 DEMAND</b>							
14	<b>Processed for the local market</b>	<b>7 116 774</b>	<b>7 121 200</b>	<b>3 963 926</b>	<b>4 286 000</b>	<b>11 087 127</b>	<b>11 407 200</b>
15	- human	4 697 765	4 860 000	474 216	530 000	5 171 981	5 390 000
16	- animal and industrial	2 407 049	2 250 000	3 490 822	3 750 000	5 897 871	6 000 000
17	- gristing	11 960	11 200	5 315	6 000	17 275	17 200
18	Withdrawn by producers	13 766	12 000	22 897	30 000	36 663	42 000

19	Released to end-consumers	3 404	9 000	45 478	60 000	48 882	69 000
20	Net receipts(-)/disp(+)	-492	5 000	2 830	6 000	2 338	11 000
21	Deficit	0	0	0	0	0	0
<b>22</b>	<b>Local demand</b>	<b>7 133 452</b>	<b>7 147 200</b>	<b>4 041 558</b>	<b>4 382 000</b>	<b>11 175 010</b>	<b>11 529 200</b>
<b>23</b>	<b>Exports</b>	<b>924 434</b>	<b>880 000</b>	<b>3 210 777</b>	<b>2 485 000</b>	<b>4 135 211</b>	<b>3 365 000</b>
24	- products	189 492	180 000	213 733	185 000	403 225	365 000
25	- whole maize	734 942	700 000	2 997 044	2 300 000	3 731 986	3 000 000
<b>26</b>	<b>Total Demand</b>	<b>8 057 886</b>	<b>8 027 200</b>	<b>7 252 335</b>	<b>6 867 000</b>	<b>15 310 221</b>	<b>14 894 200</b>
<b>27</b>	<b>Closing Stock (30 Apr)</b>	<b>1 465 537</b>	<b>879 549</b>	<b>658 682</b>	<b>770 222</b>	<b>2 124 219</b>	<b>1 649 771</b>
28	- processed p/month	593 065	593 433	330 327	357 167	923 927	950 600
29	- months' stock	2,5	1,5	2,0	2,2	2,3	1,7
<b>30</b>	<b>- days' stock</b>	<b>75</b>	<b>45</b>	<b>61</b>	<b>66</b>	<b>70</b>	<b>53</b>

Appendix 2: Detailed S & D table for Sweet, Bitter and Total Sorghum: July 2022

		Sweet Sorghum	Sweet Sorghum	Bitter Sorghum	Bitter Sorghum	Total Sorghum	Total Sorghum
	Marketing season	Final for 2021/22	Projection for 2022/23	Final for 2021/22	Projection for 2022/23	Final for 2021/22	Projection for 2022/23
		tons	tons	tons	tons	tons	tons
1	CEC (Crop Estimate)	121 000	86 000	94 000	50 200	215 000	136 200
2	CEC Retentions	0	400	0	300	0	700
3	<b>Available for the commercial market</b>	<b>121 000</b>	<b>85 600</b>	<b>94 000</b>	<b>49 900</b>	<b>215 000</b>	<b>135 500</b>
4	<b>SUPPLY</b>						
5	Opening stock (1 Mch)	25 372	51 986	26 423	54 171	51 795	106 157
6	Prod deliveries	120 359	85 600	93 099	49 900	213 458	135 500
7	Imports for South Africa	4 147	2 500	0	0	4 147	2 500
8	Surplus	565	10 000	-330	600	235	10 600
9	<b>Total Supply</b>	<b>150 443</b>	<b>150 086</b>	<b>119 192</b>	<b>104 671</b>	<b>269 635</b>	<b>254 757</b>
10	<b>DEMAND</b>						
11	<b>Processed</b>	<b>89 815</b>	<b>89 000</b>	<b>62 243</b>	<b>62 205</b>	<b>152 058</b>	<b>151 205</b>
12	- Indoor malting	716	700	13 388	10 000	14 104	10 700
13	- Floor malting	9 417	8 500	41 447	45 000	50 864	53 500
14	- Meal, rice & grits	70 151	70 000	2 341	2 400	72 492	72 400
15	- Pet Food	633	600	0	5	633	605
16	- Poultry feed	7 694	7 700	1 332	1 300	9 026	9 000



	Marketing season	Sweet Sorghum	Sweet Sorghum	Bitter Sorghum	Bitter Sorghum	Total Sorghum	Total Sorghum
		Final for 2021/22	Projection for 2022/23	Final for 2021/22	Projection for 2022/23	Final for 2021/22	Projection for 2022/23
		tons	tons	tons	tons	tons	tons
17	- Livestock feed	1 204	1 500	3 735	3 500	4 939	5 000
18	Bio-fuel	0	0	0	0	0	0
19	Withdrawn by prod	519	600	1 418	1 000	1 937	1 600
20	Released to end-cons	523	600	62	100	585	700
21	Net receipts(-)/ disp(+)	68	500	-228	50	-160	550
22	Deficit	0	0	0	0	0	0
23	Exports	7 532	8 000	1 526	1 500	9 058	9 500
<b>24</b>	<b>Total Demand</b>	<b>98 457</b>	<b>98 700</b>	<b>65 021</b>	<b>64 855</b>	<b>163 478</b>	<b>163 555</b>
<b>25</b>	<b>Ending Stock (28/29 Feb)</b>	<b>51 986</b>	<b>51 386</b>	<b>54 171</b>	<b>39 816</b>	<b>106 157</b>	<b>91 202</b>
26	- processed p/month	7 485	7 417	5 187	<b>5 184</b>	12 672	<b>12 600</b>
27	- months' stock	6,9	7	10	<b>8</b>	8	<b>7</b>
<b>28</b>	<b>- days' stock</b>	<b>211</b>	<b>211</b>	<b>318</b>	<b>234</b>	<b>255</b>	<b>220</b>

### Appendix 3: Detailed S & D table for Wheat: July 2022

		Wheat	Wheat
	Marketing season	Final for 2020/21	Projection for 2021/22
			tons
1	CEC (Crop Estimate)	2 120 000	2 285 000
2	CEC (Retention)	0	40 000
<b>3</b>	<b>SUPPLY</b>		
4	Opening stock (1 Oct)	364 908	467 404
5	Prod deliveries*	2 077 136	2 245 000
6	Imports	1 516 995	1 475 000
7	Surplus	14 438	10 000
<b>8</b>	<b>Total Supply</b>	<b>3 973 477</b>	<b>4 197 404</b>
<b>9</b>	<b>DEMAND</b>		
<b>10</b>	<b>Processed</b>	<b>3 355 869</b>	<b>3 358 500</b>
11	- human	3 347 677	3 340 000
12	- animal	8 192	18 500
13	- gristing	0	0
14	Withdrawn by producers	4 049	8 500
15	Released to end-consumers	1 453	1 600
16	Seed for planting purposes	20 561	22 000
17	Net receipts(-)/disp(+)	5 653	3 500
18	Deficit	0	0
19	Exports	118 488	249 000
20	- products	27 056	24 000
21	- whole wheat	91 432	225 000
<b>22</b>	<b>Total Demand</b>	<b>3 506 073</b>	<b>3 643 100</b>
<b>23</b>	<b>Closing Stock (30 Sep)</b>	<b>467 404</b>	<b>554 304</b>
24	- processed p/month	279 656	279 875
25	- months' stock	1,7	2,0
<b>26</b>	<b>- days' stock</b>	<b>51</b>	<b>60</b>

**Appendix 4: Detailed S & D table for Sunflower Seed: July 2022**

		Sunflower Seed	Sunflower Seed
	Marketing season	Final for 2021/22	Projection for 2022/23
		tons	tons
1	CEC (Crop Estimate)	678 000	922 750
<b>2</b>	<b>SUPPLY</b>		
3	Opening stock (1 March)	60 964	31 790
4	Prod deliveries	689 083	922 750
5	Imports for South Africa	1 256	3 500
6	Surplus	9 306	7 000
<b>7</b>	<b>Total Supply</b>	<b>760 609</b>	<b>965 040</b>
<b>8</b>	<b>DEMAND</b>		
<b>9</b>	<b>Processed</b>	<b>724 949</b>	<b>857 250</b>
10	- human	1 556	1 550
11	- animal	6 129	5 700
12	- crush (oil and oilcake)	717 264	850 000
13	Withdrawn by producers	359	950
14	Released to end-consumers	666	900
15	Seed for planting purposes	2 495	2 500
16	Net receipts(-)/disp(+)	133	500
17	Deficit	0	0
18	Exports	217	420
<b>19</b>	<b>Total Demand</b>	<b>728 819</b>	<b>862 520</b>
<b>20</b>	<b>Ending Stock (28/29 Feb)</b>	<b>31 790</b>	<b>102 520</b>
21	- processed p/month	60 412	71 438
22	- months' stock	0,5	1,4
<b>23</b>	<b>- days' stock</b>	<b>16</b>	<b>44</b>

## Appendix 5: Detailed S & D table for Soybeans: July 2022

		<b>Soybeans</b>	<b>Soybeans</b>
	<b>Marketing season</b>	<b>Final for 2021/22</b>	<b>Projection for 2022/23</b>
		tons	tons
1	CEC (Crop Estimate)	1 897 000	2 151 350
2	Retention	0	32 000

<b>3</b>	<b>SUPPLY</b>		
4	Opening stock (1 March)	46 053	168 387
5	Prod deliveries	1 868 772	2 119 350
6	Imports for South Africa	13 448	10 000
7	Surplus	4 289	4 000
<b>8</b>	<b>Total Supply</b>	<b>1 932 562</b>	<b>2 301 737</b>

<b>9</b>	<b>DEMAND</b>		
<b>10</b>	<b>Processed</b>	<b>1 710 221</b>	<b>1 812 000</b>
11	- human	22 279	22 000
12	- animal feed (full fat soya)	167 480	190 000
13	- crush (oil/oilcake)	1 520 462	1 600 000
14	Withdrawn by producers	196	500
15	Released to end-consumers	123	400
16	Seed for planting purposes	11 079	11 500
17	Net receipts(-)/disp(+)	261	500
18	Deficit	0	0
19	Exports	42 295	100 000
<b>20</b>	<b>Total Demand</b>	<b>1 764 175</b>	<b>1 924 900</b>

<b>21</b>	<b>Closing Stock (28/29 Feb)</b>	<b>168 387</b>	<b>376 837</b>
22	- processed p/month	142 518	151 000
23	- months' stock	1,2	2,5
<b>24</b>	<b>- days stock</b>	<b>36</b>	<b>76</b>



## South African Supply and Demand Estimates



This report is for information purposes only. It is not a complete analysis of every material fact regarding any and/or every commodity, company or industry that June 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 June be reproduced, redistributed or published by any recipient for any purpose, while acknowledging the source of information.

For further clarification pertaining to the definitions of the selected items contained in the South African Supply and Demand Estimates (SASDE) Report, kindly visit: <https://www.namc.co.za/wpcontent/uploads/2020/03/Definitions-for-selected-items-of-the-SASDE-Report-revised-March2020.pdf>

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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 the South African Grain & Oilseeds Supply & Demand Estimates Committee

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