



# NAMMC

Promoting market access for South African agriculture



## South African Supply and Demand Estimates

July 2021 Report



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

SASDE – 98<sup>th</sup> meeting held  
30 July 2021



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



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## THE SOUTH AFRICAN SUPPLY AND DEMAND PROJECTIONS FOR GRAINS AND OILSEEDS FOR JULY 2021 ARE AS FOLLOWS:

### WHITE MAIZE (2021/22 New Season)

**Supply:** The total supply of white maize is projected at 9 822 732 tons for the 2021/22 marketing season. This includes an opening stock level (at 1 May 2021) of 1 354 953 tons and local commercial deliveries of 8 696 815 tons. Whole white maize imports are estimated at 4000 tons for the season, early deliveries of a negative 237 036 tons and a surplus of 4 000 tons.

**Demand:** The total demand (domestic plus exports) for white maize is projected at 7 662 000 tons. The total domestic demand is projected at 6 892 000 tons. This includes 5 050 000 tons processed for human consumption, 1 800 000 tons processed for animal and industrial consumption, 11 000 tons for gristing, 12 000 tons withdrawn by producers, 15 000 tons released to end-consumers and a balancing figure of 4 000 tons (net receipts and net dispatches). A projected export quantity of 170 000 tons of processed products and 600 000 tons of white whole maize is estimated for exports for the 2021/22 marketing season.

**Stock levels:** The projected closing stock level at 30 April 2022 is estimated at 2 160 732 tons. At an average processed quantity of 571 750 tons per month, this represent available stock levels for 4 months or 115 days.

*Please note: When utilizing 45 days' stock as a proxy, there is potential for 1 910 000 tons of white maize available for exports for the 2021/22 marketing season (provided there is efficient logistical capacity).*

### YELLOW MAIZE (2021/22 New Season)

**Supply:** The total supply of yellow maize is projected at 7 552 482 tons for the 2021/22 marketing season. This includes an opening stock (at 1 May 2021) of 761 953 tons and local commercial deliveries of 7 054 300 tons. No yellow maize imports estimated for the season, early deliveries is a negative 303 771 tons and a surplus of 10 000 tons.

**Demand:** The total demand (domestic plus exports) for yellow maize is projected at 6 311 500 tons. The total domestic demand is projected at 4 416 500 tons. This includes 560 000 tons processed for human consumption, 3 750 000 tons processed for animal and industrial consumption, 5 000 tons for gristing, 30 000 tons withdrawn by producers, 65 000 tons released to end-consumers and a balancing figure of 6 500 tons (net receipts and net dispatches). A projected export quantity of 145 000 tons of processed products and 1 750 000 tons of yellow whole maize is estimated for exports for the 2021/22 marketing season.

**Stock levels:** The projected closing stock level at 30 April 2022 is estimated at 1 210 982 tons. At an average processed quantity of 359 583 tons per month, this represent available stock levels for 3 months or 102 days.

*Please note: When utilizing 45 days' stock as a proxy, there is potential for 2 430 000 tons of yellow maize available for exports for the 2021/22 marketing season (provided there is efficient logistical capacity).*

## TOTAL MAIZE (2021/22 New Season)

**Supply:** The total supply of maize is projected at 17 345 214 tons for the 2021/22 marketing season. This includes an opening stock (at 1 May 2021) of 2 116 906 tons and local commercial deliveries of 15 751 115 tons. A total of 4 000 tons imports are estimated, early deliveries of a negative 540 807 tons and a surplus of 14 000 tons.

**Demand:** The total demand (domestic plus exports) for maize is projected at 13 973 500 tons. The total domestic demand is projected at 11 308 500 tons. This includes 5 610 000 tons processed for human consumption, 5 550 000 tons processed for animal and industrial consumption, 16 000 tons for gristing, 42 000 tons withdrawn by producers, 80 000 tons released to end-consumers and a balancing figure of 10 500 tons (net receipts and net dispatches). A projected export quantity of 315 000 tons of processed products and 2 350 000 tons of total whole maize is estimated for exports for the 2021/22 marketing season.

**Stock levels:** The projected closing stock level at 30 April 2022 is estimated at 3 371 714 tons. At an average processed quantity of 931 333 tons per month, this represents available stock levels for 4 months or 110 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 (2021/22 Season)

**Supply:** The total supply of sweet sorghum is projected at 149 922 tons for the 2021/22 marketing season. This includes an opening stock level (at 1 March 2021) of 25 372 tons, local commercial deliveries of 118 950 tons, imports of 5 000 tons for South Africa and a sweet sorghum surplus of 600 tons.

**Demand:** The total demand (domestic plus exports) for sweet sorghum is projected at 118 200 tons. This includes 1 200 tons for indoor malting, 10 800 tons for floor malting, 90 000 tons for meal, rice and grits, 10 100 tons for feed, 600 tons withdrawn by producers, 600 tons released to end consumers, and a balancing figure of 900 tons (net receipts and net dispatches). A projected export quantity of 4 000 tons of sweet sorghum is estimated for exports for the 2021/22 marketing season.

**Stock levels:** The projected closing stock level at 28 February 2022 is estimated at 31 722 tons. At an average processed quantity of 9 342 tons per month, this represent available stock levels for 3 months or 103 days.

## BITTER SORGHUM (2021/22 Season)

**Supply:** The total supply of bitter sorghum is projected 111 553 tons for the 2021/22 marketing season. This includes an opening stock level (at 1 March 2021) of 26 423 tons, local commercial deliveries of 84 130 tons, no bitter sorghum imports and a surplus of 1 000 tons for South Africa.

**Demand:** The total demand (domestic plus exports) for bitter sorghum is projected at 53 910 tons. This includes 12 000 tons for indoor malting, 35 000 tons for floor malting, 2 200 tons for meal, rice and grits, 860 tons for feed, 1 500 tons withdrawn by producers, 200 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 2 000 tons of bitter sorghum is estimated for exports for the 2021/22 marketing season.

**Stock levels:** The projected closing stock level at 28 February 2022 is estimated at 57 643 tons. At an average processed quantity of 4 172 tons per month, this represent available stock levels for 14 months or 420 days.

## TOTAL SORGHUM (2021/22 Season)

**Supply:** The total supply of sorghum is projected at 261 475 tons for the 2021/22 marketing season. This includes an opening stock level (at 1 March 2021) of 51 795 tons, local commercial deliveries of 203 080 tons, sorghum imports of 5 000 tons for South Africa with a surplus of 1 600 tons.

**Demand:** The total demand (domestic plus exports) for sorghum is projected at 172 110 tons. This includes 13 200 tons for indoor malting, 45 800 tons for floor malting, 92 200 tons for meal, rice and grits, 10 960 tons for feed, 2 100 tons withdrawn by producers, 800 tons released to end consumers, a balancing figure of 1 050 tons (net receipts and net dispatches), and a zero deficit. A projected export quantity of 6 000 tons of total sorghum is estimated for exports for the 2021/22 marketing season.

**Stock levels:** The projected closing stock level at 28 February 2022 is estimated at 89 365 tons. At an average processed quantity of 13 513 tons per month, this represent available stock levels for 7 months or 201 days.

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

## WHEAT (2020/21 Season)

**Supply:** The total supply of wheat is projected at 4 035 908 tons for the 2020/21 marketing season. This includes an opening stock level (at 1 October 2020) of 364 908 tons, local commercial deliveries of 2 079 000 tons, whole wheat imports estimated for South Africa of 1 580 000 tons and a surplus of 12 000 tons.

**Demand:** The total demand (domestic plus exports) for wheat is projected at 3 498 700 tons. This includes 3 330 000 tons processed for human consumption, 6 000 tons processed for animal consumption, 3 000 tons withdrawn by producers, 1 800 tons released to end consumers, 20 400 tons projected seed for planting purposes and a balancing figure of 4 500 tons (net receipts and net dispatches). A projected export quantity of 33 000 tons processed products and 100 000 tons whole wheat is estimated for exports for the 2020/21 marketing season.

**Stock levels:** The projected closing stock level at 30 September 2021 is estimated at 537 208 tons. At an average processed quantity of 278 000 tons per month, this represent available stock levels for 1.9 months or 59 days.

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

## SUNFLOWER SEED (2021/22 Season)

**Supply:** The total supply of sunflower seed is projected at 744 904 tons for the 2021/22 marketing season. This includes an opening stock level (at 1 March 2021) of 60 964 tons, local commercial deliveries of 677 240 tons, sunflower seed imports of 700 tons for South Africa and a surplus of 6 000 tons.

**Demand:** The total demand (domestic plus exports) for sunflower seed is projected at 697 300 tons. This includes 1 600 tons processed for human consumption, 5 300 tons processed for animal consumption, 685 000 tons for crush (oil and oilcake), 500 tons withdrawn by producers, 1 100 tons released to end consumers, 2 500 tons seed for planting purposes and a balancing figure of 800 tons (net receipts and net dispatches). A quantity of 500 tons is estimated for exports for the 2021/22 marketing season.

**Stock levels:** The projected closing stock level at 28 February 2022 is estimated at 47 604 tons. At an average processed quantity of 57 658 tons per month, this represents available stock levels for 0.8 months or 25 days.

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

### SOYBEANS (2021/22 Season)

**Supply:** The total supply of soybeans is projected at 1 931 203 tons for the 2021/22 marketing season. This includes an opening stock level (at 1 March 2021) of 46 053 tons, local commercial deliveries of 1 873 150 tons, 10 000 tons of soybean imports for South Africa and a surplus of 2 000 tons.

**Demand:** The total demand (domestic plus exports) for soybeans is projected at 1 600 600 tons. This includes 23 000 tons processed for human consumption, 185 000 tons processed for animal (full fat) feed, 1 380 000 tons for crush (oil and oilcake), 600 tons withdrawn by producers, 700 tons released to end consumers, 9 000 tons seed for planting purposes, and a balancing figure of 1 200 tons (net receipts and net dispatches). A quantity of 1 100 tons soybeans is estimated for exports for the 2021/22 marketing season.

**Stock levels:** The projected closing stock level at 28 February 2022 is estimated at 330 603 tons. At an average processed quantity of 132 333 tons per month, this represents available stock levels for 2.5 months or 76 days.

*Please note: When utilizing 45 days' stock as a proxy, there is potential for 195 781 tons of soybeans available for exports for the 2021/22 marketing season (provided there is efficient logistical capacity).*

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

**PLEASE NOTE:** The June 2021 SASDE Report will be released on the **31<sup>st</sup> of August 2021**.

Appendix 1: Detailed S & D table for White, Yellow and Total Maize – July 2021

		White Maize	White Maize	Yellow Maize	Yellow Maize	Total Maize	Total Maize
	Marketing season	Final 2020/21	Projection for 2021/22	Final 2020/21	Projection for 2021/22	Final 2020/21	Projection for 2021/22
		tons	tons	tons	tons	tons	tons
1	CEC (Crop Estimate)	8 547 500	8 936 815	6 752 500	7 494 300	15 300 000	16 431 115
2	CEC (Retention)	160 000	240 000	440 000	440 000	680 000	680 000
3	Min: Early deliveries for current season (March + April)	85 898	437 036	520 271	520 271	957 307	957 307
4	Plus: Early deliveries for next season (March + April)**	130 000	200 000	216 500	216 500	416 500	416 500
5	<b>Available for the commercial market</b>	<b>8 070 464</b>	<b>8 459 779</b>	<b>6 008 729</b>	<b>6 750 529</b>	<b>14 079 193</b>	<b>15 210 308</b>
<b>6</b>	<b>SUPPLY</b>						
7	Opening stock (1 May)	473 964	1 354 953	526 637	761 953	1 000 601	2 116 906
8	Producer deliveries	8 606 334	8 696 815	6 672 649	7 054 300	15 278 983	0
9	Imports	0	4 000	463	0	463	15 751 115
10	Early deliveries (Net)*	0	-237 036	0	-303 771	0	-540 807
11	Surplus	11 215	4 000	8 864	10 000	20 079	14 000
12	<b>Total Supply</b>	<b>9 091 513</b>	<b>9 822 732</b>	<b>7 208 613</b>	<b>7 522 482</b>	<b>16 300 126</b>	<b>17 345 214</b>
<b>13</b>	<b>DEMAND</b>						
14	<b>Processed for the local market</b>	<b>6 410 756</b>	<b>6 861 000</b>	<b>4 960 599</b>	<b>4 315 000</b>	<b>11 201 202</b>	<b>11 176 000</b>
15	- human	5 073 886	5 050 000	583 950	560 000	5 657 836	5 610 000
16	- animal and industrial	1 325 959	1 800 000	4 201 690	3 750 000	5 527 649	5 550 000
17	- gristing	10 911	11 000	4 806	5 000	15 717	16 000
18	Withdrawn by producers	10 089	12 000	25 647	30 000	35 736	42 000

19	Released to end-consumers	5 827	15 000
20	Net receipts(-)/disp(+)	5 413	4 000
21	Deficit	0	0
<b>22</b>	<b>Local demand</b>	<b>6 432 085</b>	<b>6 892 000</b>
<b>23</b>	<b>Exports</b>	<b>1 304 475</b>	<b>770 000</b>
24	- products	182 824	170 000
25	- whole maize	1 121 651	600 000
<b>26</b>	<b>Total Demand</b>	<b>7 736 560</b>	<b>7 662 000</b>

	63 502	65 000
	3 750	6 500
	0	0
	<b>4 883 345</b>	<b>4 416 500</b>
	<b>1 563 315</b>	<b>1 895 000</b>
	138 102	145 000
	1 425 213	1 750 000
	<b>6 446 660</b>	<b>6 311 500</b>

	69 329	80 000
	9 163	10 500
	0	0
	<b>11 315 430</b>	<b>11 308 500</b>
	<b>2 867 790</b>	<b>2 665 000</b>
	320 926	315 000
	2 546 864	2 350 000
	<b>14 183 220</b>	<b>13 973 500</b>

<b>27</b>	<b>Closing Stock (30 Apr)</b>	<b>1 354 953</b>	<b>2 160 732</b>
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	<b>761 953</b>	<b>1 210 982</b>
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	<b>2 116 906</b>	<b>3 371 714</b>
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28	- processed p/month	534 230	571 750
29	- months' stock	3	4
<b>30</b>	<b>- days' stock</b>	<b>77</b>	<b>115</b>

	399 204	359 583
	2	3
	<b>58</b>	<b>102</b>

	933 434	931 333
	2,3	4
	<b>69</b>	<b>110</b>

## Appendix 2: Detailed S & D table for Sweet, Bitter and Total Sorghum July 2021

		Sweet Sorghum	Sweet Sorghum	Bitter Sorghum	Bitter Sorghum	Total Sorghum	Total Sorghum
	Marketing season	Final for 2020/21	Projection for 2021/22	Final for 2020/21	Projection for 2021/22	Final for 2020/21	Projection for 2021/22
		Tons	tons	tons	tons	tons	tons
1	CEC (Crop Estimate)	82 250	119 450	50 560	84 530	132 810	203 980
2	CEC Retentions	400	500	100	400	500	900
<b>3</b>	<b>Available for the commercial market</b>	<b>81 850</b>	<b>118 950</b>	<b>50 460</b>	<b>84 130</b>	<b>132 310</b>	<b>203 080</b>
<b>4</b>	<b>SUPPLY</b>						
5	Opening stock (1 Mch)	52 163	25 372	8 260	26 423	60 423	51 795
6	Prod deliveries	88 411	118 950	68 555	84 130	156 966	203 080
7	Imports	6 546	5 000	0	0	6 546	5 000
8	Surplus	607	600	1 507	1 000	2 114	1 600
<b>9</b>	<b>Total Supply</b>	<b>147 727</b>	<b>149 922</b>	<b>78 322</b>	<b>111 553</b>	<b>226 049</b>	<b>261 475</b>
<b>10</b>	<b>DEMAND</b>						
<b>11</b>	<b>Processed</b>	<b>116 324</b>	<b>112 100</b>	<b>49 584</b>	<b>50 060</b>	<b>165 908</b>	<b>162 160</b>
12	- Indoor malting	2 277	1 200	7 516	12 000	9 793	13 200
13	- Floor malting	10 397	10 800	38 888	35 000	49 285	45 800
14	- Meal, rice & grits	92 610	90 000	2 292	2 200	94 902	92 200
15	- Pet Food	622	600	12	10	634	610
16	- Poultry feed	8 001	7 500	549	500	8 550	8 000
17	- Livestock feed	2 417	2 000	327	350	2 744	2 350
18	Bio-fuel	0	0	0	0	0	0
19	Withdrawn by producers	530	600	1 525	1 500	2 055	2 100
20	Released to end-consumers	674	600	316	200	990	800



21	Net receipts(-)/disp(+)	807	900	-886	150	-79	1 050
22	Deficit	0	0	0	0	0	0
23	Exports	4 020	4 000	1 360	2 000	5 380	6 000
<b>24</b>	<b>Total Demand</b>	<b>122 355</b>	<b>118 200</b>	<b>51 899</b>	<b>53 910</b>	<b>174 254</b>	<b>172 110</b>
<b>25</b>	<b>Ending Stock (28/29 Feb)</b>	<b>25 372</b>	<b>31 722</b>	<b>26 423</b>	<b>57 643</b>	<b>51 795</b>	<b>89 365</b>
26	- processed p/month	9 694	9 342	4 132	<b>4 172</b>	13 826	<b>13 513</b>
27	- months' stock	2,6	3	6,4	<b>14</b>	3,7	<b>7</b>
<b>28</b>	<b>- days' stock</b>	<b>80</b>	<b>103</b>	<b>195</b>	<b>420</b>	<b>114</b>	<b>201</b>

Appendix 3: Detailed S & D table for Wheat July 2021

		<b>Wheat</b>	<b>Wheat</b>
	<b>Marketing season</b>	<b>Final for 2019/20</b>	<b>Projection for 2020/21</b>
			<b>tons</b>
1	CEC (Crop Estimate)	1 535 000	2 120 000
2	CEC (Retention)	0	41 000

<b>3</b>	<b>SUPPLY</b>		
4	Opening stock (1 Oct)	539 079	364 908
5	Prod deliveries*	1 513 300	2 079 000
6	Imports	1 889 868	1 580 000
7	Surplus	9 812	12 000
<b>8</b>	<b>Total Supply</b>	<b>3 952 059</b>	<b>4 035 908</b>

<b>9</b>	<b>DEMAND</b>		
<b>10</b>	<b>Processed</b>	<b>3 437 768</b>	<b>3 336 000</b>
11	- human	3 414 602	3 330 000
12	- animal	23 166	6 000
13	- gristing	0	0
14	Withdrawn by producers	1 767	3 000
15	Released to end-consumers	1 269	1 800
16	Seed for planting purposes	16 595	20 400
17	Net receipts(-)/disp(+)	4 410	4 500
18	Deficit	0	0
19	Exports	125 342	133 000
20	- products	40 875	33 000
21	- whole wheat	84 467	100 000
<b>22</b>	<b>Total Demand</b>	<b>3 587 151</b>	<b>3 498 700</b>

<b>23</b>	<b>Closing Stock (30 Sep)</b>	<b>364 908</b>	<b>537 208</b>
24	- processed p/month	286 481	278 000
25	- months' stock	1,3	1,9
<b>26</b>	<b>- days' stock</b>	<b>39</b>	<b>59</b>

Appendix 4: Detailed S & D table for Sunflower for July 2021

		Sunflower Seed	Sunflower Seed
	Marketing season	Final for 2020/21	Projection for 2021/22
		tons	tons
1	CEC (Crop Estimate)	788 500	677 240
2	<b>SUPPLY</b>		
3	Opening stock (1 Mar)	135 325	60 964
4	Prod deliveries	785 567	677 240
5	Imports	471	700
6	Surplus	7 200	6 000
7	<b>Total Supply</b>	<b>928 563</b>	<b>744 904</b>
8	<b>DEMAND</b>		
9	<b>Processed</b>	<b>861 295</b>	<b>691 900</b>
10	- human	1 652	1 600
11	- animal	5 432	5 300
12	- crush (oil and oilcake)	854 211	685 000
13	Withdrawn by producers	464	500
14	Released to end-consumers	1 144	1 100
15	Seed for planting purposes	2 493	2 500
16	Net receipts(-)/disp(+)	1 063	800
17	Deficit	0	0
18	Exports	1 140	500
19	<b>Total Demand</b>	<b>867 599</b>	<b>697 300</b>
20	<b>Ending Stock (28/29 Feb)</b>	<b>60 964</b>	<b>47 604</b>
21	- processed p/month	71 775	57 658
22	- months' stock	0,8	0,8
23	- days' stock	26	25

Appendix 5: Detailed S & D table for Soybeans for July 2021

		<b>Soybeans</b>	<b>Soybeans</b>
	<b>Marketing season</b>	<b>Final for 2020/21</b>	<b>Projection for 2021/22</b>
		<b>tons</b>	<b>tons</b>
1	CEC (Crop Estimate)	1 245 500	1 918 150
2	Retention	0	45 000
<b>3</b>	<b>SUPPLY</b>		
4	Opening stock (1 Mar)	138 455	46 053
5	Prod deliveries	1 219 044	1 873 150
6	Imports	116 103	10 000
7	Surplus	1 968	2 000
<b>8</b>	<b>Total Supply</b>	<b>1 475 570</b>	<b>1 931 203</b>
<b>9</b>	<b>DEMAND</b>		
<b>10</b>	<b>Processed</b>	<b>1 417 165</b>	<b>1 588 000</b>
11	- human	23 234	23 000
12	- animal feed (full fat soya)	144 985	185 000
13	- crush (oil/oilcake)	1 248 946	1 380 000
14	Withdrawn by producers	496	600
15	Released to end-consumers	673	700
16	Seed for planting purposes	9 961	9 000
17	Net receipts(-)/disp(+)	162	1 200
18	Deficit	0	0
19	Exports	1 060	1 100
<b>20</b>	<b>Total Demand</b>	<b>1 429 517</b>	<b>1 600 600</b>
<b>21</b>	<b>Closing Stock (28/29 Feb)</b>	<b>46 053</b>	<b>330 603</b>
22	- processed p/month	118 097	132 333
23	- months' stock	0,4	2,5
<b>24</b>	<b>- days stock</b>	<b>12</b>	<b>76</b>



## South African Supply and Demand Estimates



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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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