



National Agricultural  
Marketing Council

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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 November 2020 Report

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

SASDE – 90<sup>th</sup> meeting held 30 November 2020

THE SOUTH AFRICAN SUPPLY AND DEMAND PROJECTIONS FOR GRAINS AND OILSEEDS FOR  
*November 2020* ARE AS FOLLOWS:

### WHITE MAIZE (2020/21 New Season)

**Supply:** The total supply of white maize is projected at 8 894 033 tons for the 2020/21 marketing season. This includes an opening stock level (at 1 May 2020) of 473 964 tons and local commercial deliveries of 8 396 310 tons. No whole white maize imports are estimated for the new season, early deliveries of 18 759 tons and a surplus of 5 000 tons.

**Demand:** The total demand (domestic plus exports) for white maize is projected at 7 773 500 tons. The total domestic demand is projected at 6 683 500 tons. This includes 5 240 000 tons processed for human consumption, 1 400 000 tons processed for animal and industrial consumption, 11 500 tons for gristing, 13 000 tons withdrawn by producers, 15 000 tons released to end-consumers and a balancing figure of 4 000 tons (net receipts and net dispatches).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 920 000 tons of white whole maize is estimated for exports for the 2020/21 marketing season.

*Please note: When utilizing 45 days' stock as a proxy, there is potential for 1 220 000 tons of white maize available for exports for the 2020/21 marketing season.*

**Stock levels:** The projected closing stock level at 30 April 2021 is estimated at 1 120 533 tons. At an average processed quantity of 554 292 tons per month, this represent available stock levels for 2.0 months or 61 days.

### YELLOW MAIZE (2020/21 New Season)

**Supply:** The total supply of yellow maize is projected at 6 880 516 tons for the 2020/21 marketing season. This includes an opening stock (at 1 May 2020) of 526 637 tons and local commercial deliveries of 6 341 870 tons. No yellow maize imports estimated for the new season, early deliveries 9 tons and a surplus of 12 000 tons.

**Demand:** The total demand (domestic plus exports) for yellow maize is projected at 6 268 500 tons. The total domestic demand is projected at 4 848 500 tons. This includes 620 000 tons processed for human consumption, 4 100 000 tons processed for animal and industrial consumption, 7 000 tons for gristing, 40 000 tons withdrawn by producers, 73 000 tons released to end-consumers and a balancing figure of 8 500 tons (net receipts and net dispatches). A projected export quantity of 100 000 tons of processed products and 1 320 000 tons of yellow whole maize is estimated for exports for the 2020/21 marketing season.

**Stock levels:** The projected closing stock level at 30 April 2021 is estimated at 612 016 tons. At an average processed quantity of 393 917 tons per month, this represent available stock levels for 1.6 months or 47 days.

### TOTAL MAIZE (2020/21 New Season)

**Supply:** The total supply of maize is projected at 15 774 549 tons for the 2020/21 marketing season. This includes an opening stock (at 1 May 2020) of 1 000 601 tons and local commercial deliveries of 14 738 180 tons. No whole maize imports are estimated, early deliveries of 18 768 tons and a surplus of 17 000 tons.

**Demand:** The total demand (domestic plus exports) for maize is projected at 14 042 000 tons. The total domestic demand is projected at 11 532 000 tons. This includes 5 860 000 tons processed for human consumption, 5 500 000 tons processed for animal and industrial consumption, 18 500 tons for gristing, 53 000 tons withdrawn by producers, 88 000 tons released to end-consumers and a balancing figure of 12 500 tons (net receipts and net dispatches). A projected export quantity of 270 000 tons of processed products and 2 240 000 tons of total whole maize is estimated for exports for the 2020/21 marketing season.

**Stock levels:** The projected closing stock level at 30 April 2021 is estimated at 1 732 549 tons. At an average processed quantity of 948 208 tons per month, this represents available stock levels for 1.8 months or 56 days.

### SWEET SORGHUM (2020/21 New Season)

**Supply:** The total supply of sweet sorghum is projected at 141 463 tons for the 2020/21 marketing season. This includes an opening stock level (at 1 March 2020) of 52 163 tons, local commercial deliveries of 84 300 tons, imports of 4 000 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 129 830 tons. This includes 2 000 tons for indoor malting, 11 000 tons for floor malting, 100 000 tons for meal, rice and grits, 9 550 tons for feed, 780 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 5 000 tons of sweet sorghum is estimated for exports for the 2020/21 marketing season.

**Stock levels:** The projected closing stock level at 28 February 2021 is estimated at 11 633 tons. At an average processed quantity of 10 213 tons per month, this represent available stock levels for 1.1 months or 35 days.

### **BITTER SORGHUM (2020/21 New Season)**

**Supply:** The total supply of bitter sorghum is projected 79 270 tons for the 2020/21 marketing season. This includes an opening stock level (at 1 March 2020) of 8 260 tons, local commercial deliveries of 70 760 tons, no bitter sorghum imports and a surplus of 250 tons for South Africa.

**Demand:** The total demand (domestic plus exports) for bitter sorghum is projected at 48 385 tons. This includes 7 300 tons for indoor malting, 35 000 tons for floor malting, 2 000 tons for meal, rice and grits, 815 tons for feed, 1 000 tons withdrawn by producers, 120 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 2020/21 marketing season.

**Stock levels:** The projected closing stock level at 28 February 2021 is estimated at 30 885 tons. At an average processed quantity of 3 760 tons per month, this represent available stock levels for 8.2 months or 250 days.

### **TOTAL SORGHUM (2020/21 New Season)**

**Supply:** The total supply of sorghum is projected at 220 733 tons for the 2020/21 marketing season. This includes an opening stock level (at 1 March 2020) of 60 423 tons, local commercial deliveries of 155 060 tons, sorghum imports of 4 000 tons for South Africa with a surplus of 1 250 tons.

**Demand:** The total demand (domestic plus exports) for sorghum is projected at 178 215 tons. This includes 9 300 tons for indoor malting, 46 000 tons for floor malting, 102 000 tons for meal, rice and grits, 10 365 tons for feed, 1 780 tons withdrawn by producers, 720 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 7 000 tons of total sorghum is estimated for exports for the 2020/21 marketing season.

**Stock levels:** The projected closing stock level at 28 February 2021 is estimated at 42 518 tons. At an average processed quantity of 13 972 tons per month, this represent available stock levels for 3.0 months or 93 days.

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

### WHEAT (2020/21 New Season)

**Supply:** The total supply of wheat is projected at 4 025 178 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 October 2020) of 364 908 tons, local commercial deliveries of 2 111 270 tons, whole wheat imports estimated for South Africa of 1 540 000 tons and a surplus of 9 000 tons.

**Demand:** The total demand (domestic plus exports) for wheat is projected at 3 618 600 tons. This includes 3 450 000 tons processed for human consumption, 3 000 tons processed for animal consumption, 1 300 tons withdrawn by producers, 1 800 tons released to end consumers, 18 000 tons projected seed for planting purposes and a balancing figure of 4 500 tons (net receipts and net dispatches). A projected export quantity of 35 000 tons processed products and 105 000 tons whole wheat is estimated for exports for the 2019/20 marketing season.

**Stock levels:** The projected closing stock level at 30 September 2021 is estimated at 406 578 tons. At an average processed quantity of 287 750 tons per month, this represent available stock levels for 1.4 months or 43 days.

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

### SUNFLOWER SEED (2020/21 New Season)

**Supply:** The total supply of sunflower seed is projected at 926 735 tons for the 2020/21 marketing season. This includes an opening stock level (at 1 March 2020) of 135 325 tons, local commercial deliveries of 785 910 tons, sunflower seed imports of 500 tons for South Africa and a surplus of 5 000 tons.

**Demand:** The total demand (domestic plus exports) for sunflower seed is projected at 834 500 tons. This includes 1 700 tons processed for human consumption, 5 400 tons processed for animal consumption, 820 000 tons for crush (oil and oilcake), 650 tons withdrawn by producers, 1 100 tons released to end consumers, 3 800 tons seed for planting purposes and a balancing figure of 1 300 tons (net receipts and net dispatches). A quantity of 550 tons is estimated for exports for the 2020/21 marketing season.

**Stock levels:** The projected closing stock level at 28 February 2021 is estimated at 92 235 tons. At an average processed quantity of 68 925 tons per month, this represents available stock levels for 1.3 months or 41 days.

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

### SOYBEANS (2020/21 New Season)

**Supply:** The total supply of soybeans is projected at 1 503 555 tons for the 2020/21 marketing season. This includes an opening stock level (at 1 March 2020) of 138 455 tons, local commercial deliveries of 1 212 500 tons, soybean imports of 150 000 tons for South Africa and a surplus of 2 600 tons.

**Demand:** The total demand (domestic plus exports) for soybeans is projected at 1 377 700 tons. This includes 25 000 tons processed for human consumption, 160 000 tons processed for animal (full fat) feed, 1 180 000 tons for crush (oil and oilcake), 800 tons withdrawn by producers, 500 tons released to end

consumers, 7 700 tons seed for planting purposes, and a balancing figure of 1 200 tons (net receipts and net dispatches). A quantity of 2 500 tons soybeans is estimated for exports for the 2020/21 marketing season.

**Stock levels:** The projected closing stock level at 28 February 2021 is estimated at 125 855 tons. At an average processed quantity of 113 750 tons per month, this represents available stock levels for 1.1 months or 34 days.

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

**PLEASE NOTE:** The November 2020 SASDE Report will be released on the **12<sup>th</sup> of January 2021**.

*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>).*

Or

<http://www.namc.co.za/category/research-publications/supply-demand-estimates>

**Appendix 1: Detailed S & D table for White, Yellow and Total Maize – November 2020**

		White Maize	White Maize	Yellow Maize	Yellow Maize	Total Maize	Total Maize
	Marketing season	Final for 2019/20	Projection for 2020/21	Final for 2019/20	Projection for 2020/21	Final for 2019/20	Projection for 2020/21
		tons	tons	tons	tons	tons	tons
1	CEC (Crop Estimate)	5 545 000	8 666 310	5 730 000	6 741 870	11 275 000	15 408 180
2	CEC (Retention)	160 000	270 000	354 000	400 000	514 000	670 000
3	Min: Early deliveries for current season (March + April)	85 898	131 241	181 045	216 491	266 943	347 732
4	Plus: Early deliveries for next season (March + April)**	130 000	150 000	205 000	216 500	335 000	366 500
5	<b>Available for the commercial market</b>	<b>5 429 102</b>	<b>8 415 069</b>	<b>5 399 955</b>	<b>6 341 879</b>	<b>10 829 057</b>	<b>14 756 948</b>
<b>6</b>	<b>SUPPLY</b>						
7	Opening stock (1 May)	1 798 998	473 964	864 088	526 637	2 663 086	1 000 601
8	Producer deliveries	5 442 474	8 396 310	5 444 579	6 341 870	10 887 053	14 738 180
9	Imports	0	0	509 684	0	509 684	0
10	Early deliveries (Net)*	0	18 759	0	9	0	18 768
11	Surplus	0	5 000	27 941	12 000	22 336	17 000
12	<b>Total Supply</b>	<b>7 241 472</b>	<b>8 894 033</b>	<b>6 846 292</b>	<b>6 880 516</b>	<b>14 082 159</b>	<b>15 774 549</b>
<b>13</b>	<b>DEMAND</b>						
14	<b>Processed for the local market</b>	<b>5 449 415</b>	<b>6 651 500</b>	<b>5 656 997</b>	<b>4 727 000</b>	<b>11 106 412</b>	<b>11 378 500</b>
15	- human	4 809 569	5 240 000	578 003	620 000	5 387 572	5 860 000
16	- animal and industrial	629 076	1 400 000	5 069 241	4 100 000	5 698 317	5 500 000
17	- gristing	10 770	11 500	9 753	7 000	20 523	18 500
18	Withdrawn by producers	13 111	13 000	43 993	40 000	57 104	53 000

19	Released to end-consumers	17 649	15 000	82 166	73 000	99 815	88 000
20	Net receipts(-)/disp(+)	6 282	4 000	2 372	8 500	8 654	12 500
21	Deficit	5 605	0	0	0	0	0
<b>22</b>	<b>Local demand</b>	<b>5 492 062</b>	<b>6 683 500</b>	<b>5 785 528</b>	<b>4 848 500</b>	<b>11 271 985</b>	<b>11 532 000</b>
<b>23</b>	<b>Exports</b>	<b>1 275 446</b>	<b>1 090 000</b>	<b>534 127</b>	<b>1 420 000</b>	<b>1 809 573</b>	<b>2 510 000</b>
24	- products	236 537	170 000	124 275	100 000	360 812	270 000
25	- whole maize	1 038 909	920 000	409 852	1 320 000	1 448 761	2 240 000
<b>26</b>	<b>Total Demand</b>	<b>6 767 508</b>	<b>7 773 500</b>	<b>6 319 655</b>	<b>6 268 500</b>	<b>13 081 558</b>	<b>14 042 000</b>

  

<b>27</b>	<b>Closing Stock (30 Apr)</b>	<b>473 964</b>	<b>1 120 533</b>	<b>526 637</b>	<b>612 016</b>	<b>1 000 601</b>	<b>1 732 549</b>
28	- processed p/month	454 118	554 292	471 416	393 917	925 534	948 208
29	- months' stock	1,0	2,0	1,1	1,6	1,1	1,8
<b>30</b>	<b>- days' stock</b>	<b>32</b>	<b>61</b>	<b>34</b>	<b>47</b>	<b>33</b>	<b>56</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 2020, are included in the 2020/21 seasons' estimate (as per CEC estimates).*

Appendix 2: Detailed S & D table for Sweet, Bitter and Total Sorghum – November 2020

		Sweet Sorghum	Sweet Sorghum	Bitter Sorghum	Bitter Sorghum	Total Sorghum	Total Sorghum
	Marketing season	Final for 2019/20	Projection for 2020/21	Final for 2019/20	Projection for 2020/21	Final for 2019/20	Projection for 2020/21
		tons	tons	tons	tons	tons	tons
1	CEC (Crop Estimate)	88 250	84 700	38 750	70 860	127 000	155 560
2	CEC Retentions	700	400	300	100	1 000	500
3	Available for the commercial market	87 550	84 300	38 450	70 760	126 000	155 060
4	<b>SUPPLY</b>						
5	Opening stock (1 Mch)	34 954	52 163	16 906	8 260	51 860	60 423
6	Prod deliveries	86 134	84 300	37 791	70 760	123 925	155 060
7	Imports	59 253	4 000	0	0	59 253	4 000
8	Surplus	0	1 000	0	250	0	1 250
9	<b>Total Supply</b>	<b>180 341</b>	<b>141 463</b>	<b>54 697</b>	<b>79 270</b>	<b>235 038</b>	<b>220 733</b>
10	<b>DEMAND</b>						
11	<b>Processed</b>	<b>120 976</b>	<b>122 550</b>	<b>43 154</b>	<b>45 115</b>	<b>164 130</b>	<b>167 665</b>
12	- Indoor malting	301	2 000	9 223	7 300	9 524	9 300
13	- Floor malting	19 924	11 000	30 933	35 000	50 857	46 000
14	- Meal, rice & grits	92 059	100 000	2 227	2 000	94 286	102 000
15	- Pet Food	551	550	4	15	555	565
16	- Poultry feed	6 473	7 500	538	500	7 011	8 000
17	- Livestock feed	1 668	1 500	229	300	1 897	1 800
18	Bio-fuel	0	0	0	0	0	0
19	Withdrawn by producers	650	780	307	1 000	957	1 780



20	Released to end-consumers	549	600	64	120	613	720
21	Net receipts(-)/disp(+)	1 734	900	-698	150	1 036	1 050
22	Deficit	-1 273	0	1 509	0	236	0
23	Exports	5 542	5 000	2 101	2 000	7 643	7 000
24	<b>Total Demand</b>	<b>128 178</b>	<b>129 830</b>	<b>46 437</b>	<b>48 385</b>	<b>174 615</b>	<b>178 215</b>
25	<b>Ending Stock (28/29 Feb)</b>	<b>52 163</b>	<b>11 633</b>	<b>8 260</b>	<b>30 885</b>	<b>60 423</b>	<b>42 518</b>
26	- processed p/month	10 081	10 213	3 596	3 760	13 678	13 972
27	- months' stock	5,2	1,1	2,3	8,2	4,4	3,0
28	<b>- days' stock</b>	<b>157</b>	<b>35</b>	<b>70</b>	<b>250</b>	<b>134</b>	<b>93</b>

### Appendix 3: Detailed S & D table for Wheat November 2020

		Wheat	Wheat
	Marketing season	Final for 2019/20	Projection for 2020/21
			tons
1	CEC (Crop Estimate)	1 535 000	2 149 270
2	CEC (Retention)	0	38 000
<b>3</b>	<b>SUPPLY</b>		
4	Opening stock (1 Oct)	539 079	364 908
5	Prod deliveries*	1 513 300	2 111 270
6	Imports	1 889 868	1 540 000
7	Surplus	9 812	9 000
<b>8</b>	<b>Total Supply</b>	<b>3 952 059</b>	<b>4 025 178</b>
<b>9</b>	<b>DEMAND</b>		
<b>10</b>	<b>Processed</b>	<b>3 437 768</b>	<b>3 453 000</b>
11	- human	3 414 602	3 450 000
12	- animal	23 166	3 000
13	- gristing	0	0
14	Withdrawn by producers	1 767	1 300
15	Released to end-consumers	1 269	1 800
16	Seed for planting purposes	16 595	18 000
17	Net receipts(-)/disp(+)	4 410	4 500
18	Deficit	0	0
19	Exports	125 342	140 000
20	- products	40 875	35 000
21	- whole wheat	84 467	105 000
<b>22</b>	<b>Total Demand</b>	<b>3 587 151</b>	<b>3 618 600</b>
<b>23</b>	<b>Closing Stock (30 Sep)</b>	<b>364 908</b>	<b>406 578</b>
24	- processed p/month	286 481	287 750
25	- months' stock	1,3	1,4
<b>26</b>	<b>- days' stock</b>	<b>39</b>	<b>43</b>

#### Appendix 4: Detailed S & D table for Sunflower for November 2020

		Sunflower Seed	Sunflower Seed
	Marketing season	Final for 2019/20	Projection for 2020/21
		tons	tons
1	CEC (Crop Estimate)	678 000	785 910
2	<b>SUPPLY</b>		
3	Opening stock (1 Mar)	120 165	135 325
4	Prod deliveries	677 674	785 910
5	Imports	457	500
6	Surplus	6 520	5 000
7	<b>Total Supply</b>	<b>804 816</b>	<b>926 735</b>
8	<b>DEMAND</b>		
9	<b>Processed</b>	<b>664 027</b>	<b>827 100</b>
10	- human	1 478	1 700
11	- animal	5 511	5 400
12	- crush (oil and oilcake)	657 038	820 000
13	Withdrawn by producers	783	650
14	Released to end-consumers	1 023	1 100
15	Seed for planting purposes	2 447	3 800
16	Net receipts(-)/disp(+)	635	1 300
17	Deficit	0	0
18	Exports	576	550
19	<b>Total Demand</b>	<b>669 491</b>	<b>834 500</b>
20	<b>Ending Stock (28/29 Feb)</b>	<b>135 325</b>	<b>92 235</b>
21	- processed p/month	55 336	68 925
22	- months' stock	2,4	1,3
23	<b>- days' stock</b>	<b>74</b>	<b>41</b>

**Appendix 5: Detailed S & D table for Soybeans for November 2020**

		<b>Soybeans</b>	<b>Soybeans</b>
	<b>Marketing season</b>	<b>Final for 2019/20</b>	<b>Projection for 2020/21</b>
		<b>tons</b>	<b>tons</b>
1	CEC (Crop Estimate)	1 170 345	1 245 500
2	Retention	0	33 000

<b>3</b>	<b>SUPPLY</b>		
4	Opening stock (1 Mar)	502 241	138 455
5	Prod deliveries	1 135 179	1 212 500
6	Imports	9 098	150 000
7	Surplus	0	2 600
<b>8</b>	<b>Total Supply</b>	<b>1 646 518</b>	<b>1 503 555</b>

<b>9</b>	<b>DEMAND</b>		
<b>10</b>	<b>Processed</b>	<b>1 484 592</b>	<b>1 365 000</b>
11	- human	23 759	25 000
12	- animal feed (full fat soya)	191 223	160 000
13	- crush (oil/oilcake)	1 269 610	1 180 000
14	Withdrawn by producers	676	800
15	Released to end-consumers	367	500
16	Seed for planting purposes	7 640	7 700
17	Net receipts(-)/disp(+)	1 355	1 200
18	Deficit	8 097	0
19	Exports	5 336	2 500
<b>20</b>	<b>Total Demand</b>	<b>1 508 063</b>	<b>1 377 700</b>

<b>21</b>	<b>Closing Stock (28/29 Feb)</b>	<b>138 455</b>	<b>125 855</b>
22	- processed p/month	123 716	113 750
23	- months' stock	1,1	1,1
<b>24</b>	<b>- days stock</b>	<b>34</b>	<b>34</b>

***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 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.

***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/wp-content/uploads/2020/03/Definitions-for-selected-items-of-the-SASDE-Report-revised-March-2020.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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