Promoting market access for South African agriculture

South African Supply and Demand Estimates

January 2022 Report

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

SASDE – 104th meeting held on 31 January 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 Estimates (S&DE) initiative

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THE SOUTH AFRICAN SUPPLY AND DEMAND PROJECTIONS FOR GRAINS AND OILSEEDS FOR JANUARY 2022 ARE AS FOLLOWS:

WHITE MAIZE (2021/22 Season)

Supply: The total supply of white maize is projected at 9 704 232 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 8 368 815 tons. Whole white maize imports are estimated at 7 500 tons for the season, early deliveries of a negative 37 036 tons and a surplus of 10 000 tons.

Demand: The total demand (domestic plus exports) for white maize is projected at 8 034 800 tons. The total domestic demand is projected at 7 136 800 tons. This includes 4 650 000 tons processed for human consumption, 2 450 000 tons processed for animal and industrial consumption, 11 800 tons for gristing, 12 000 tons withdrawn by producers, 8 000 tons released to end-consumers and a balancing figure of 5 000 tons (net receipts and net dispatches). A projected export quantity of 148 000 tons of processed products and 750 000 tons of white whole maize is estimated for exports for the 2021/22 marketing season.

Stock levels: The projected closing stock level for 30 April 2022 is estimated at 1 669 432 tons. At an average processed quantity of 592 650 tons per month, this represents available stock levels for 2.8 months or 86 days.

Please note: When utilizing 45 days' stock as a proxy, there is potential for 1 540 000 tons of white maize available for exports for the 2021/22 marketing season (provided there is efficient logistical capacity).

YELLOW MAIZE (2021/22 Season)

Supply: The total supply of yellow maize is projected at 7 942 132 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 7 185 450 tons. No yellow maize imports are estimated for the season, early deliveries are a negative 20 271 tons and a surplus of 15 000 tons.

Demand: The total demand (domestic plus exports) for yellow maize is projected at 7 004 500 tons. The total domestic demand is projected at 4 014 500 tons. This includes 470 000 tons processed for human consumption, 3 450 000 tons processed for animal and industrial consumption, 6 000 tons for gristing, 27 000 tons withdrawn by producers, 55 000 tons released to end-consumers and a balancing figure of 6 500 tons (net receipts and net dispatches). A projected export quantity of 190 000 tons of processed products and 2 800 000 tons of yellow whole maize is estimated for exports for the 2021/22 marketing season.

Stock levels: The projected closing stock level for 30 April 2022 is estimated at 937 632 tons. At an average processed quantity of 327 167 tons per month, this represents available stock levels for 2.9 months or 87 days.

Please note: When utilizing 45 days' stock as a proxy, there is potential for 3 254 000 tons of yellow maize available for exports for the 2021/22 marketing season (provided there is efficient logistical capacity).

TOTAL MAIZE (2021/22 Season)

Supply: The total supply of maize is projected at 17 646 364 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 15 554 265 tons. A total of 7 500 tons imports are estimated, early deliveries of a negative 57 307 tons and a surplus of 25 000 tons.

Demand: The total demand (domestic plus exports) for maize is projected at 15 039 300 tons. The total domestic demand is projected at 11 151 300 tons. This includes 5 120 000 tons processed for human consumption, 5 900 000 tons processed for animal and industrial consumption, 17 800 tons for gristing, 39 000 tons withdrawn by producers, 63 000 tons released to end-consumers and a balancing figure of 11 500 tons (net receipts and net dispatches). A projected export quantity of 338 000 tons of processed products and 3 550 000 tons of total whole maize is estimated for exports for the 2021/22 marketing season.

Stock levels: The projected closing stock level for 30 April 2022 is estimated at 2 607 064 tons. At an average processed quantity of 919 817 tons per month, this represents available stock levels for 2.8 months or 86 days.

See Appendix 1 for a 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 150 972 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 120 000 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 98 990 tons. This includes 700 tons for indoor malting, 10 000 tons for floor malting, 73 000 tons for meal, rice and grits, 9 640 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 3 950 tons of sweet sorghum is estimated for exports for the 2021/22 marketing season.

Stock levels: The projected closing stock level for 28 February 2022 is estimated at 51 982 tons. At an average processed quantity of 7 778 tons per month, this represents available stock levels for 7 months or 203 days.

BITTER SORGHUM (2021/22 Season)

Supply: The total supply of bitter sorghum is projected 119 268 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 92 745 tons, no bitter sorghum imports and a surplus of 100 tons for South Africa.

Demand: The total demand (domestic plus exports) for bitter sorghum is projected at 62 235 tons. This includes 12 500 tons for indoor malting, 40 000 tons for floor malting, 2 700 tons for meal, rice and grits, 4 005 tons for feed, 1 500 tons withdrawn by producers, 100 tons released to end consumers, a balancing figure of 100 tons (net receipts and net dispatches), and a zero deficit. A projected export quantity of 1 330 tons of bitter sorghum is estimated for exports for the 2021/22 marketing season.

Stock levels: The projected closing stock level for 28 February 2022 is estimated at 57 033 tons. At an average processed quantity of 4 934 tons per month, this represents available stock levels for 12 months or 352 days.

TOTAL SORGHUM (2021/22 Season)

Supply: The total supply of sorghum is projected at 270 240 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 212 745 tons, sorghum imports of 5 000 tons for South Africa with a surplus of 700 tons.

Demand: The total demand (domestic plus exports) for sorghum is projected at 161 225 tons. This includes 13 200 tons for indoor malting, 50 000 tons for floor malting, 75 700 tons for meal, rice and grits, 13 645 tons for feed, 2 100 tons withdrawn by producers, 700 tons released to end consumers, a balancing figure of 600 tons (net receipts and net dispatches), and a zero deficit. A projected export quantity of 5 280 tons of total sorghum is estimated for exports for the 2021/22 marketing season.

Stock levels: The projected closing stock level for 28 February 2022 is estimated at 109 015 tons. At an average processed quantity of 12 712 tons per month, this represents available stock levels for 9 months or 261 days.

See Appendix 2 for a detailed S&D table.

WHEAT (2021/22 Season)

Supply: The total supply of wheat is projected at 4 121 659 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 2 169 255 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 3 538 100 tons. This includes 3 370 000 tons processed for human consumption, 20 000 tons processed for animal consumption, 2 000 tons withdrawn by producers, 1 600 tons released to end consumers, 21 000 tons projected seed for planting purposes and a balancing figure of 4 500 tons (net receipts and net dispatches). A projected export quantity of 28 000 tons processed products and 91 000 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 583 559 tons. At an average processed quantity of 282 500 tons per month, this represents available stock levels for 2.1 months or 63 days.

See Appendix 3 for a detailed S&D table.

SUNFLOWER SEED (2021/22 Season)

Supply: The total supply of sunflower seed is projected at 748 604 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 1 400 tons for South Africa and a surplus of 9 000 tons.

Demand: The total demand (domestic plus exports) for sunflower seed is projected at 721 740 tons. This includes 1 500 tons processed for human consumption, 5 900 tons processed for animal consumption, 710 000 tons for crush (oil and oilcake), 310 tons withdrawn by producers, 1 100 tons released to end consumers, 2 200 tons seed for planting purposes and a balancing figure of 500 tons (net receipts and net dispatches). A quantity of 230 tons is estimated for exports for the 2021/22 marketing season.

Stock levels: The projected closing stock level for 28 February 2022 is estimated at 26 864 tons. At an average processed quantity of 59 783 tons per month, this represents available stock levels for 0.4 months or 14 days.

See Appendix 4 for a detailed S&D table.

SOYBEANS (2021/22 Season)

Supply: The total supply of soybeans is projected at 1 918 703 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 1 855 450 tons, 15 000 tons of soybean imports for South Africa and a surplus of 2 200 tons.

Demand: The total demand (domestic plus exports) for soybeans is projected at 1 736 610 tons. This includes 22 000 tons processed for human consumption, 165 000 tons processed for animal (full fat) feed, 1 500 000 tons for crush (oil and oilcake), 300 tons withdrawn by producers, 250 tons released to end consumers, 10 560 tons seed for planting purposes, and a balancing figure of 500 tons (net receipts and net dispatches). A quantity of 38 000 tons soybeans is estimated for exports for the 2021/22 marketing season.

Stock levels: The projected closing stock level for 28 February 2022 is estimated at 182 093 tons. At an average processed quantity of 140 583 tons per month, this represents available stock levels for 1.3 months or 39 days.

See Appendix 5 for a detailed S&D table.

PLEASE NOTE: The February 2022 SASDE Report will be released on 1 March 2022.

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

		White Maize	White Maize	Yellow Maize	Yellow Maize	Total Maize	Total Maize
	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)	8 547 500	8 608 815	6 752 500	7 625 450	15 300 000	16 234 265
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	216 491	520 271	653 527	957 307
4	Plus: Early deliveries for next season (March + April)**	130 000	400 000	512 109	500 000	712 109	900 000
5	**Available for the commercial market**	**8 070 464**	**8 331 779**	**6 608 118**	**7 165 179**	**14 678 582**	**15 496 958**
6	**SUPPLY**						
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	8 368 815	6 672 649	7 185 450	15 278 983	15 554 265
9	Imports	0	7 500	463	0	463	7 500
10	Early deliveries (Net)*	0	-37 036	0	-20 271	0	-57 307
11	Surplus	11 215	10 000	8 864	15 000	20 079	25 000
12	**Total Supply**	**9 091 513**	**9 704 232**	**7 208 613**	**7 942 132**	**16 300 126**	**17 646 364**
13	**DEMAND**						
14	**Processed for the local market**	**6 410 756**	**7 111 800**	**4 960 599**	**3 926 000**	**11 201 202**	**11 037 800**
15	- human	5 073 886	4 650 000	583 950	470 000	5 657 836	5 120 000
16	- animal and industrial	1 325 959	2 450 000	4 201 690	3 450 000	5 527 649	5 900 000
17	- gristing	10 911	11 800	4 806	6 000	15 717	17 800
18	Withdrawn by producers	10 089	12 000	25 647	27 000	35 736	39 000

19	Released to end-consumers	5 827	8 000	63 502	55 000	69 329	63 000
20	Net receipts(-)/disp(+)	5 413	5 000	3 750	6 500	9 163	11 500
21	Deficit	0	0	0	0	0	0
22	**Local demand**	**6 432 085**	**7 136 800**	**4 883 345**	**4 014 500**	**11 315 430**	**11 151 300**
23	**Exports**	**1 304 475**	**898 000**	**1 563 315**	**2 990 000**	**2 867 790**	**3 888 000**
24	- products	182 824	148 000	138 102	190 000	320 926	338 000
25	- whole maize	1 121 651	750 000	1 425 213	2 800 000	2 546 864	3 550 000
26	**Total Demand**	**7 736 560**	**8 034 800**	**6 446 660**	**7 004 500**	**14 183 220**	**15 039 300**
27	**Closing Stock (30 Apr)**	**1 354 953**	**1 669 432**	**761 953**	**937 632**	**2 116 906**	**2 607 064**
28	- processed p/month	534 230	592 650	399 204	327 167	933 434	919 817
29	- months' stock	2,5	2,8	1,9	2,9	2,3	2,8
30	**- days' stock**	**77**	**86**	**58**	**87**	**69**	**86**

*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 2016, are included in the 2016/17 seasons' estimate (As per CEC estimates)

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

		Sweet Sorghum	Sweet Sorghum	Bitter Sorghum	Bitter Sorghum	Total Sorghum	Total Sorghum
	Marketing season	**Projection for 2020/21**	**Projection for 2021/22**	**Projection for 2020/21**	**Projection for 2021/22**	**Projection for 2020/21**	**Projection for 2021/22**
		tons	**tons**	**tons**	**tons**	**tons**	**tons**
1	CEC (Crop Estimate)	88 411	120 500	68 555	93 145	156 966	213 645
2	CEC Retentions	582	500	452	400	1 034	900
3	**Available for the commercial market**	**87 829**	**120 000**	**68 103**	**92 745**	**155 932**	**212 745**
4	**SUPPLY**						
5	Opening stock (1 Mar)	52 163	25 372	8 260	26 423	60 423	51 795
6	Prod deliveries	88 411	120 000	68 555	92 745	156 966	212 745
7	Imports	6 546	5 000	0	0	6 546	5 000
8	Surplus	607	600	1 507	100	2 114	700
9	**Total Supply**	**147 727**	**150 972**	**78 322**	**119 268**	**226 049**	**270 240**
10	**DEMAND**						
11	**Processed**	**116 324**	**93 340**	**49 584**	**59 205**	**165 908**	**152 545**
12	- Indoor malting	2 277	700	7 516	12 500	9 793	13 200
13	- Floor malting	10 397	10 000	38 888	40 000	49 285	50 000
14	- Meal, rice & grits	92 610	73 000	2 292	2 700	94 902	75 700
15	- Pet Food	622	640	12	5	634	645
16	- Poultry feed	8 001	7 500	549	1 000	8 550	8 500
17	- Livestock feed	2 417	1 500	327	3 000	2 744	4 500
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	100	990	700
21	Net receipts(-)/disp(+)	807	500	-886	100	-79	600
22	Deficit	0	0	0	0	0	0
23	Exports	4 020	3 950	1 360	1 330	5 380	5 280
24	**Total Demand**	**122 355**	**98 990**	**51 899**	**62 235**	**174 254**	**161 225**
25	**Ending Stock (28/29 Feb)**	**25 372**	**51 982**	**26 423**	**57 033**	**51 795**	**109 015**
26	- processed p/month	9 694	7 778	4 132	4 934	13 826	12 712
27	- months' stock	2,6	7	6,4	12	3,7	9
28	**- days' stock**	**80**	**203**	**195**	**352**	**114**	**261**

Appendix 3: Detailed S & D table for Wheat for January 2022

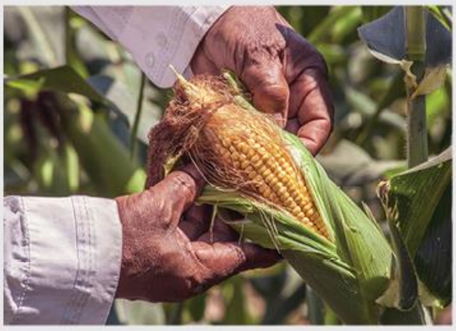
		Wheat	Wheat
	Marketing season	**Final for 2020/21**	**Projection for 2021/22**
			tons
1	CEC (Crop Estimate)	2 120 000	2 209 255
2	CEC (Retention)	0	40 000
3	**SUPPLY**		
4	Opening stock (1 Oct)	364 908	467 404
5	Prod deliveries*	2 077 136	2 169 255
6	Imports	1 516 995	1 475 000
7	Surplus	14 438	10 000
8	**Total Supply**	**3 973 477**	**4 121 659**
9	**DEMAND**		
10	**Processed**	**3 355 869**	**3 390 000**
11	- human	3 347 677	3 370 000
12	- animal	8 192	20 000
13	- gristing	0	0
14	Withdrawn by producers	4 049	2 000
15	Released to end-consumers	1 453	1 600
16	Seed for planting purposes	20 561	21 000
17	Net receipts(-)/disp(+)	5 653	4 500
18	Deficit	0	0
19	Exports	118 488	119 000
20	- products	27 056	28 000
21	- whole wheat	91 432	91 000
22	**Total Demand**	**3 506 073**	**3 538 100**
23	**Closing Stock (30 Sep)**	**467 404**	**583 559**
24	- processed p/month	279 656	282 500
25	- months' stock	1,7	2,1
26	**- days' stock**	**51**	**63**

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

		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	**SUPPLY**		
3	Opening stock (1 Mar)	135 325	60 964
4	Prod deliveries	785 567	677 240
5	Imports	471	1 400
6	Surplus	7 200	9 000
7	**Total Supply**	**928 563**	**748 604**
8	**DEMAND**		
9	**Processed**	**861 295**	**717 400**
10	- human	1 652	1 500
11	- animal	5 432	5 900
12	- crush (oil and oilcake)	854 211	710 000
13	Withdrawn by producers	464	310
14	Released to end-consumers	1 144	1 100
15	Seed for planting purposes	2 493	2 200
16	Net receipts(-)/disp(+)	1 063	500
17	Deficit	0	0
18	Exports	1 140	230
19	**Total Demand**	**867 599**	**721 740**
20	**Ending Stock (28/29 Feb)**	**60 964**	**26 864**
21	- processed p/month	71 775	59 783
22	- months' stock	0,8	0,4
23	**- days' stock**	**26**	**14**

Appendix 5: Detailed S & D table for Soybeans for January 2022

		Soybeans	Soybeans
	Marketing season	**Final for 2020/21**	**Projection for 2021/22**
		tons	**tons**
1	CEC (Crop Estimate)	1 245 500	1 890 450
2	Retention	0	35 000
3	**SUPPLY**		
4	Opening stock (1 Mar)	138 455	46 053
5	Prod deliveries	1 219 044	1 855 450
6	Imports	116 103	15 000
7	Surplus	1 968	2 200
8	**Total Supply**	**1 475 570**	**1 918 703**
9	**DEMAND**		
10	**Processed**	**1 417 165**	**1 687 000**
11	- human	23 234	22 000
12	- animal feed (full fat soya)	144 985	165 000
13	- crush (oil/oilcake)	1 248 946	1 500 000
14	Withdrawn by producers	496	300
15	Released to end-consumers	673	250
16	Seed for planting purposes	9 961	10 560
17	Net receipts(-)/disp(+)	162	500
18	Deficit	0	0
19	Exports	1 060	38 000
20	**Total Demand**	**1 429 517**	**1 736 610**
21	**Closing Stock (28/29 Feb)**	**46 053**	**182 093**
22	- processed p/month	118 097	140 583
23	- months' stock	0,4	1,3
24	**- days stock**	**12**	**39**



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Promoting market access for South African agriculture

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Supply and Demand Estimates

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

CONFIDENTIALITY ISSUES that S&DEC members are committed to adhere to on the day of the meeting:

- No member is allowed to discuss information with anyone other than a member of the S&DEC before the embargo time;
- Only the NAMC may release the information to the media; and
- 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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