NAMC

Promoting market access for South African agriculture

South African Supply and Demand Estimates

October 2021 Report

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

SASDE – 101st meeting held on 29 October 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 OCTOBER 2021 ARE AS FOLLOWS:

WHITE MAIZE (2021/22 Season)

Supply: The total supply of white maize is projected at 9 697 732 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 8 368 815 tons. Whole white maize imports are estimated at 7 000 tons for the season, early deliveries of a negative 37 036 tons and a surplus of 4 000 tons.

Demand: The total demand (domestic plus exports) for white maize is projected at 7 728 000 tons. The total domestic demand is projected at 6 988 000 tons. This includes 4 800 000 tons processed for human consumption, 2 150 000 tons processed for animal and industrial consumption, 11 000 tons for gristing, 12 000 tons withdrawn by producers, 11 000 tons released to end-consumers and a balancing figure of 4 000 tons (net receipts and net dispatches). A projected export quantity of 140 000 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 1 969 732 tons. At an average processed quantity of 580 083 tons per month, this represent available stock levels for 3 months or 103 days.

Please note: When utilizing 45 days' stock as a proxy, there is potential for 1 710 000 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 7 799 132 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 7 162 450 tons. No yellow maize imports estimated for the season, early deliveries is a negative 140 271 tons and a surplus of 15 000 tons.

Demand: The total demand (domestic plus exports) for yellow maize is projected at 6 834 000 tons. The total domestic demand is projected at 4 159 000 tons. This includes 500 000 tons processed for human consumption, 3 560 000 tons processed for animal and industrial consumption, 5 500 tons for gristing, 27 000 tons withdrawn by producers, 60 000 tons released to end-consumers and a balancing figure of 6 500 tons (net receipts and net dispatches). A projected export quantity of 175 000 tons of processed products and 2 500 000 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 965 132 tons. At an average processed quantity of 338 792 tons per month, this represent available stock levels for 3 months or 87 days.

Please note: When utilizing 45 days' stock as a proxy, there is potential for 2 960 000 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 17 496 864 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 15 531 265 tons. A total of 7 000 tons imports are estimated, early deliveries of a negative 177 307 tons and a surplus of 19 000 tons.

Demand: The total demand (domestic plus exports) for maize is projected at 14 562 000 tons. The total domestic demand is projected at 11 147 000 tons. This includes 5 300 000 tons processed for human consumption, 5 710 000 tons processed for animal and industrial consumption, 16 500 tons for gristing, 39 000 tons withdrawn by producers, 71 000 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 3 100 000 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 2 934 864 tons. At an average processed quantity of 918 875 tons per month, this represents available stock levels for 3 months or 97 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 151 472 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 120 500 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 101 940 tons. This includes 900 tons for indoor malting, 10 800 tons for floor malting, 75 000 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 900 tons (net receipts and net dispatches). A projected export quantity of 3 500 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 49 532 tons. At an average processed quantity of 8 028 tons per month, this represent available stock levels for 6 months or 188 days.

BITTER SORGHUM (2021/22 Season)

Supply: The total supply of bitter sorghum is projected 115 503 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 88 580 tons, no bitter sorghum imports and a surplus of 500 tons for South Africa.

Demand: The total demand (domestic plus exports) for bitter sorghum is projected at 58 805 tons. This includes 12 500 tons for indoor malting, 39 000 tons for floor malting, 3 000 tons for meal, rice and grits, 1 105 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 1 350 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 56 698 tons. At an average processed quantity of 4 634 tons per month, this represent available stock levels for 12 months or 372 days.

TOTAL SORGHUM (2021/22 Season)

Supply: The total supply of sorghum is projected at 266 975 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 209 080 tons, sorghum imports of 5 000 tons for South Africa with a surplus of 1 100 tons.

Demand: The total demand (domestic plus exports) for sorghum is projected at 160 745 tons. This includes 13 400 tons for indoor malting, 49 800 tons for floor malting, 78 000 tons for meal, rice and grits, 10 745 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 4 850 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 106 230 tons. At an average processed quantity of 12 662 tons per month, this represent available stock levels for 8 months or 255 days.

See Appendix 2 for detailed S&D table.

WHEAT (2020/21 Season)

Supply: The total supply of wheat is projected at 3 966 505 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 2 076 632 tons, whole wheat imports estimated for South Africa of 1 511 886 tons and a surplus of 13 079 tons.

Demand: The total demand (domestic plus exports) for wheat is projected at 3 503 707 tons. This includes 3 346 778 tons processed for human consumption, 8 166 tons processed for animal consumption, 4 049 tons withdrawn by producers, 1 453 tons released to end consumers, 20 561 tons projected seed for planting purposes and a balancing figure of 4 553 tons (net receipts and net dispatches). A projected export quantity of 26 715 tons processed products and 91 432 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 462 798 tons. At an average processed quantity of 279 579 tons per month, this represent available stock levels for 1.7 months or 50 days.

WHEAT (2021/22 New Season)

Supply: The total supply of wheat is projected at 4 057 233 tons for the 2021/22 marketing season. This includes an opening stock level (at 1 October 2021) of 462 798 tons, local commercial deliveries of 2 059 435 tons, whole wheat imports estimated for South Africa of 1 525 000 tons and a surplus of 10 000 tons.

Demand: The total demand (domestic plus exports) for wheat is projected at 3 527 500 tons. This includes 3 370 000 tons processed for human consumption, 10 000 tons processed for animal consumption, 1 200 tons withdrawn by producers, 1 800 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 at 30 September 2022 is estimated at 529 733 tons. At an average processed quantity of 281 667 tons per month, this represent available stock levels for 1.9 months or 57 days.

See Appendix 3 for detailed S&D table.

SUNFLOWER SEED (2021/22 Season)

Supply: The total supply of sunflower seed is projected at 746 604 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 7 000 tons.

Demand: The total demand (domestic plus exports) for sunflower seed is projected at 697 600 tons. This includes 1 700 tons processed for human consumption, 5 700 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 300 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 49 004 tons. At an average processed quantity of 57 700 tons per month, this represents available stock levels for 0.8 months or 26 days.

See Appendix 4 for detailed S&D table.

SOYBEANS (2021/22 Season)

Supply: The total supply of soybeans is projected at 1 903 503 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 1 845 450 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 1 672 500 tons. This includes 23 000 tons processed for human consumption, 175 000 tons processed for animal (full fat) feed, 1 450 000 tons for crush (oil and oilcake), 600 tons withdrawn by producers, 700 tons released to end consumers, 10 000 tons seed for planting purposes, and a balancing figure of 1 200 tons (net receipts and net dispatches). A quantity of 12 000 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 231 003 tons. At an average processed quantity of 137 333 tons per month, this represents available stock levels for 1.7 months or 51 days.

See Appendix 5 for detailed S&D table.

PLEASE NOTE: The November 2021 SASDE Report will be released on **the 30th of November 2021**.

Appendix 1: Detailed S & D table for White, Yellow and Total Maize – October 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	8 608 815	6 752 500	7 602 450	15 300 000	16 211 265
2	CEC (Retention)	240 000	240 000	440 000	440 000	680 000	680 000
3	Min: Early deliveries for current season (March + April)	437 036	437 036	216 491	520 271	653 527	957 307
4	Plus: Early deliveries for next season (March + April)**	200 000	400 000	512 109	380 000	712 109	780 000
5	**Available for the commercial market**	**8 070 464**	**8 331 779**	**6 608 118**	**7 022 179**	**14 678 582**	**15 353 958**
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	7 162 450	15 278 983	15 531 265
9	Imports	0	7 000	463	0	463	7 000
10	Early deliveries (Net)*	0	-37 036	0	-140 271	0	-177 307
11	Surplus	11 215	4 000	8 864	15 000	20 079	19 000
12	**Total Supply**	**9 091 513**	**9 697 732**	**7 208 613**	**7 799 132**	**16 300 126**	**17 496 864**
13	**DEMAND**						
14	**Processed for the local market**	**6 410 756**	**6 961 000**	**4 960 599**	**4 065 500**	**11 201 202**	**11 026 500**
15	- human	5 073 886	4 800 000	583 950	500 000	5 657 836	5 300 000
16	- animal and industrial	1 325 959	2 150 000	4 201 690	3 560 000	5 527 649	5 710 000
17	- gristing	10 911	11 000	4 806	5 500	15 717	16 500
18	Withdrawn by producers	10 089	12 000	25 647	27 000	35 736	39 000

19	Released to end-consumers	5 827	11 000	63 502	60 000	69 329	71 000
20	Net receipts(-)/disp(+)	5 413	4 000	3 750	6 500	9 163	10 500
21	Deficit	0	0	0	0	0	0
22	**Local demand**	**6 432 085**	**6 988 000**	**4 883 345**	**4 159 000**	**11 315 430**	**11 147 000**
23	**Exports**	**1 304 475**	**740 000**	**1 563 315**	**2 675 000**	**2 867 790**	**3 415 000**
24	- products	182 824	140 000	138 102	175 000	320 926	315 000
25	- whole maize	1 121 651	600 000	1 425 213	2 500 000	2 546 864	3 100 000
26	**Total Demand**	**7 736 560**	**7 728 000**	**6 446 660**	**6 834 000**	**14 183 220**	**14 562 000**
27	**Closing Stock (30 Apr)**	**1 354 953**	**1 969 732**	**761 953**	**965 132**	**2 116 906**	**2 934 864**
28	- processed p/month	534 230	580 083	399 204	338 792	933 434	918 875
29	- months' stock	3	3	2	3	2,3	3
30	**- days' stock**	**77**	**103**	**58**	**87**	**69**	**97**

Appendix 2: Detailed S & D table for Sweet, Bitter and Total Sorghum - October 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)	88 411	121 000	68 555	88 980	156 966	209 980
2	CEC Retentions	582	500	452	400	1 034	900
3	**Available for the commercial market**	**87 829**	**120 500**	**68 103**	**88 580**	**155 932**	**209 080**
4	**SUPPLY**						
5	Opening stock (1 Mar)	52 163	25 372	8 260	26 423	60 423	51 795
6	Prod deliveries	88 411	120 500	68 555	88 580	156 966	209 080
7	Imports	6 546	5 000	0	0	6 546	5 000
8	Surplus	607	600	1 507	500	2 114	1 100
9	**Total Supply**	**147 727**	**151 472**	**78 322**	**115 503**	**226 049**	**266 975**
10	**DEMAND**						
11	**Processed**	**116 324**	**96 340**	**49 584**	**55 605**	**165 908**	**151 945**
12	- Indoor malting	2 277	900	7 516	12 500	9 793	13 400
13	- Floor malting	10 397	10 800	38 888	39 000	49 285	49 800
14	- Meal, rice & grits	92 610	75 000	2 292	3 000	94 902	78 000
15	- Pet Food	622	640	12	5	634	645
16	- Poultry feed	8 001	7 500	549	750	8 550	8 250
17	- Livestock feed	2 417	1 500	327	350	2 744	1 850
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	3 500	1 360	1 350	5 380	4 850
24	**Total Demand**	**122 355**	**101 940**	**51 899**	**58 805**	**174 254**	**160 745**
25	**Ending Stock (28/29 Feb)**	**25 372**	**49 532**	**26 423**	**56 698**	**51 795**	**106 230**
26	- processed p/month	9 694	8 028	4 132	4 634	13 826	12 662
27	- months' stock	2,6	6	6,4	12,2	3,7	8,4
28	**- days' stock**	**80**	**188**	**195**	**372**	**114**	**255**

Appendix 3: Detailed S & D table for Wheat - October 2021

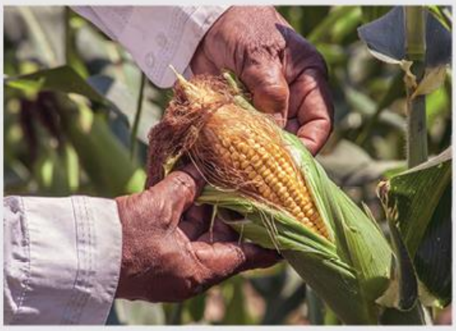
		Wheat	Wheat	Wheat
	Marketing season	**Final for 2019/20**	**Projection for 2020/21**	**Projection for 2021/22**
			tons	**tons**
1	CEC (Crop Estimate)	1 535 000	2 120 000	2 099 435
2	CEC (Retention)	0	41 000	40 000
3	**SUPPLY**			
4	Opening stock (1 Oct)	539 079	364 908	462 798
5	Prod deliveries*	1 513 300	2 076 632	2 059 435
6	Imports	1 889 868	1 511 886	1 525 000
7	Surplus	9 812	13 079	10 000
8	**Total Supply**	**3 952 059**	**3 966 505**	**4 057 233**
9	**DEMAND**			
10	**Processed**	**3 437 768**	**3 354 944**	**3 380 000**
11	- human	3 414 602	3 346 778	3 370 000
12	- animal	23 166	8 166	10 000
13	- gristing	0	0	0
14	Withdrawn by producers	1 767	4 049	1 200
15	Released to end-consumers	1 269	1 453	1 800
16	Seed for planting purposes	16 595	20 561	21 000
17	Net receipts(-)/disp(+)	4 410	4 553	4 500
18	Deficit	0	0	0
19	Exports	125 342	118 147	119 000
20	- products	40 875	26 715	28 000
21	- whole wheat	84 467	91 432	91 000
22	**Total Demand**	**3 587 151**	**3 503 707**	**3 527 500**
23	**Closing Stock (30 Sep)**	**364 908**	**462 798**	**529 733**
24	- processed p/month	286 481	279 579	281 667
25	- months' stock	1,3	1,7	1,9
26	**- days' stock**	**39**	**50**	**57**

Appendix 4: Detailed S & D table for Sunflower for October 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	**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	7 000
7	**Total Supply**	**928 563**	**746 604**
8	**DEMAND**		
9	**Processed**	**861 295**	**692 400**
10	- human	1 652	1 700
11	- animal	5 432	5 700
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	300
19	**Total Demand**	**867 599**	**697 600**
20	**Ending Stock (28/29 Feb)**	**60 964**	**49 004**
21	- processed p/month	71 775	57 700
22	- months' stock	0,8	0,8
23	**- days' stock**	**26**	**26**

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

		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	45 000
3	**SUPPLY**		
4	Opening stock (1 Mar)	138 455	46 053
5	Prod deliveries	1 219 044	1 845 450
6	Imports	116 103	10 000
7	Surplus	1 968	2 000
8	**Total Supply**	**1 475 570**	**1 903 503**
9	**DEMAND**		
10	**Processed**	**1 417 165**	**1 648 000**
11	- human	23 234	23 000
12	- animal feed (full fat soya)	144 985	175 000
13	- crush (oil/oilcake)	1 248 946	1 450 000
14	Withdrawn by producers	496	600
15	Released to end-consumers	673	700
16	Seed for planting purposes	9 961	10 000
17	Net receipts(-)/disp(+)	162	1 200
18	Deficit	0	0
19	Exports	1 060	12 000
20	**Total Demand**	**1 429 517**	**1 672 500**
21	**Closing Stock (28/29 Feb)**	**46 053**	**231 003**
22	- processed p/month	118 097	137 333
23	- months' stock	0,4	1,7
24	**- days stock**	**12**	**51**



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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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Compiled by the South African Grain & Oilseeds Supply & Demand Estimates Committee

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