



NAMC

Promoting market access for South African agriculture



South African Supply and Demand Estimates

September 2021 Report



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

SASDE – 100th meeting held on
1 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 SEPTEMBER 2021 ARE AS FOLLOWS:

WHITE MAIZE (2021/22 Season)

Supply: The total supply of white maize is projected at 9 597 732 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 137 036 tons and a surplus of 4 000 tons.

Demand: The total demand (domestic plus exports) for white maize is projected at 7 708 000 tons. The total domestic demand is projected at 6 988 000 tons. This includes 4 850 000 tons processed for human consumption, 2 100 000 tons processed for animal and industrial consumption, 11 000 tons for gristing, 12 000 tons withdrawn by producers, 11 000 tons released to end-consumers and a balancing figure of 4 000 tons (net receipts and net dispatches).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 580 000 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 1 889 732 tons. At an average processed quantity of 580 083 tons per month, this represent available stock levels for 3 months or 99 days.

Please note: When utilizing 45 days' stock as a proxy, there is potential for 1 610 000 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 7 699 132 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 240 271 tons and a surplus of 15 000 tons.

Demand: The total demand (domestic plus exports) for yellow maize is projected at 6 576 500 tons. The total domestic demand is projected at 4 266 500 tons. This includes 500 000 tons processed for human consumption, 3 660 000 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 160 000 tons of processed products and 2 150 000 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 1 122 632 tons. At an average processed quantity of 347 083 tons per month, this represent available stock levels for 3 months or 98 days.

Please note: When utilizing 45 days' stock as a proxy, there is potential for 2 760 000 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 17 296 864 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 377 307 tons and a surplus of 19 000 tons.

Demand: The total demand (domestic plus exports) for maize is projected at 14 284 500 tons. The total domestic demand is projected at 11 254 500 tons. This includes 5 350 000 tons processed for human consumption, 5 760 000 tons processed for animal and industrial consumption, 16 000 tons for gristing, 42 000 tons withdrawn by producers, 76 000 tons released to end-consumers and a balancing figure of 10 500 tons (net receipts and net dispatches). A projected export quantity of 300 000 tons of processed products and 2 730 000 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 3 012 364 tons. At an average processed quantity of 927 167 tons per month, this represents available stock levels for 3 months or 99 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 107 500 tons. This includes 1 000 tons for indoor malting, 10 800 tons for floor malting, 80 000 tons for meal, rice and grits, 9 600 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 43 972 tons. At an average processed quantity of 8 450 tons per month, this represent available stock levels for 5 months or 158 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 57 855 tons. This includes 12 500 tons for indoor malting, 38 000 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 1 400 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 57 648 tons. At an average processed quantity of 4 550 tons per month, this represent available stock levels for 13 months or 385 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 165 355 tons. This includes 13 500 tons for indoor malting, 48 800 tons for floor malting, 83 000 tons for meal, rice and grits, 10 705 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 5 400 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 101 620 tons. At an average processed quantity of 13 000 tons per month, this represent available stock levels for 8 months or 238 days.

See Appendix 2 for detailed S&D table.

WHEAT (2020/21 Season)

Supply: The total supply of wheat is projected at 3 979 908 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 1 525 000 tons and a surplus of 11 000 tons.

Demand: The total demand (domestic plus exports) for wheat is projected at 3 509 700 tons. This includes 3 355 000 tons processed for human consumption, 8 000 tons processed for animal consumption, 4 000 tons withdrawn by producers, 1 500 tons released to end consumers, 20 600 tons projected seed for planting purposes and a balancing figure of 3 500 tons (net receipts and net dispatches). A projected export quantity of 26 000 tons processed products and 91 100 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 470 208 tons. At an average processed quantity of 280 250 tons per month, this represent available stock levels for 1.7 months or 51 days.

WHEAT (2021/22 New Season)

Supply: The total supply of wheat is projected at 4 061 143 tons for the 2021/22 marketing season. This includes an opening stock level (at 1 October 2021) of 470 208 tons, local commercial deliveries of 2 055 935 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 533 643 tons. At an average processed quantity of 281 667 tons per month, this represent available stock levels for 1.9 months or 58 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 697 800 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 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 48 804 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 1 677 500 tons. This includes 23 000 tons processed for human consumption, 185 000 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 7 000 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 226 003 tons. At an average processed quantity of 138 167 tons per month, this represents available stock levels for 1.6 months or 50 days.

See Appendix 5 for detailed S&D table.

PLEASE NOTE: The October 2021 SASDE Report will be released on the 29th of October 2021.

Appendix 1: Detailed S & D table for White, Yellow and Total Maize – September 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	300 000	512 109	280 000	712 109	580 000
5	Available for the commercial market	8 070 464	8 231 779	6 608 118	6 922 179	14 678 582	15 153 958
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	-137 036	0	-240 271	0	-377 307
11	Surplus	11 215	4 000	8 864	15 000	20 079	19 000
12	Total Supply	9 091 513	9 597 732	7 208 613	7 699 132	16 300 126	17 296 864
13	DEMAND						
14	Processed for the local market	6 410 756	6 961 000	4 960 599	4 165 000	11 201 202	11 126 000
15	- human	5 073 886	4 850 000	583 950	500 000	5 657 836	5 350 000
16	- animal and industrial	1 325 959	2 100 000	4 201 690	3 660 000	5 527 649	5 760 000
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	11 000
20	Net receipts(-)/disp(+)	5 413	4 000
21	Deficit	0	0
22	Local demand	6 432 085	6 988 000
23	Exports	1 304 475	720 000
24	- products	182 824	140 000
25	- whole maize	1 121 651	580 000
26	Total Demand	7 736 560	7 708 000

	63 502	65 000
	3 750	6 500
	0	0
	4 883 345	4 266 500
	1 563 315	2 310 000
	138 102	160 000
	1 425 213	2 150 000
	6 446 660	6 576 500

	69 329	76 000
	9 163	10 500
	0	0
	11 315 430	11 254 500
	2 867 790	3 030 000
	320 926	300 000
	2 546 864	2 730 000
	14 183 220	14 284 500

27	Closing Stock (30 Apr)	1 354 953	1 889 732
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	761 953	1 122 632
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	2 116 906	3 012 364
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28	- processed p/month	534 230	580 083
29	- months' stock	3	3
30	- days' stock	77	99

	399 204	347 083
	2	3
	58	98

	933 434	927 167
	2,3	3
	69	99

Appendix 2: Detailed S & D table for Sweet, Bitter and Total Sorghum September 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	101 400	49 584	54 605	165 908	156 005
12	- Indoor malting	2 277	1 000	7 516	12 500	9 793	13 500
13	- Floor malting	10 397	10 800	38 888	38 000	49 285	48 800
14	- Meal, rice & grits	92 610	80 000	2 292	3 000	94 902	83 000
15	- Pet Food	622	600	12	5	634	605
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	4 000	1 360	1 400	5 380	5 400
24	Total Demand	122 355	107 500	51 899	57 855	174 254	165 355
25	Ending Stock (28/29 Feb)	25 372	43 972	26 423	57 648	51 795	101 620
26	- processed p/month	9 694	8 450	4 132	4 550	13 826	13 000
27	- months' stock	2,6	5	6,4	13	3,7	8
28	- days' stock	80	158	195	385	114	238

Appendix 3: Detailed S & D table for Wheat September 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	2 095 935
2	CEC (Retention)	0	41 000	40 000

3	SUPPLY			
4	Opening stock (1 Oct)	539 079	364 908	470 208
5	Prod deliveries*	1 513 300	2 079 000	2 055 935
6	Imports	1 889 868	1 525 000	1 525 000
7	Surplus	9 812	11 000	10 000
8	Total Supply	3 952 059	3 979 908	4 061 143

9	DEMAND			
10	Processed	3 437 768	3 363 000	3 380 000
11	- human	3 414 602	3 355 000	3 370 000
12	- animal	23 166	8 000	10 000
13	- gristing	0	0	0
14	Withdrawn by producers	1 767	4 000	1 200
15	Released to end-consumers	1 269	1 500	1 800
16	Seed for planting purposes	16 595	20 600	21 000
17	Net receipts(-)/disp(+)	4 410	3 500	4 500
18	Deficit	0	0	0
19	Exports	125 342	117 100	119 000
20	- products	40 875	26 000	28 000
21	- whole wheat	84 467	91 100	91 000
22	Total Demand	3 587 151	3 509 700	3 527 500

23	Closing Stock (30 Sep)	364 908	470 208	533 643
24	- processed p/month	286 481	280 250	281 667
25	- months' stock	1,3	1,7	1,9
26	- days' stock	39	51	58

Appendix 4: Detailed S & D table for Sunflower for September 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	500
19	Total Demand	867 599	697 800
20	Ending Stock (28/29 Feb)	60 964	48 804
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 September 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	1 658 000
11	- human	23 234	23 000
12	- animal feed (full fat soya)	144 985	185 000
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	7 000
20	Total Demand	1 429 517	1 677 500
21	Closing Stock (28/29 Feb)	46 053	226 003
22	- processed p/month	118 097	138 167
23	- months' stock	0,4	1,6
24	- days stock	12	50



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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- 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.

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