



NAMMC

Promoting market access for South African agriculture



South African Supply and Demand Estimates

August 2022 Report



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

SASDE – 111th meeting held on
2 September 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 AUGUST 2022 ARE AS FOLLOWS:

WHITE MAIZE (2022/23 Season)

Supply: The total supply of white maize is projected at 9 043 399 tons for the 2022/23 marketing season. This includes an opening stock level (at 1 May 2022) of 1 465 537 tons and local commercial deliveries of 7 407 050 tons. Whole white maize imports are estimated at 0 tons for the season, early deliveries of 158 812 tons and a surplus of 12 000 tons.

Demand: The total demand (domestic plus exports) for white maize is projected at 7 927 200 tons. The total domestic demand is projected at 6 997 200 tons. This includes 4 860 000 tons processed for human consumption, 2 100 000 tons processed for animal and industrial consumption, 11 200 tons for gristing, 12 000 tons withdrawn by producers, 9 000 tons released to end-consumers and a balancing figure of 5 000 tons (net receipts and net dispatches). A projected export quantity of 180 000 tons of processed products and 750 000 tons of white whole maize is estimated for exports for the 2022/23 marketing season.

Stock levels: The projected closing stock level for 30 April 2023 is estimated at 1 116 199 tons. At an average processed quantity of 580 933 tons per month, this represents available stock levels for 1.9 months or 58 days.

Please note: When utilizing 45 days' stock as a proxy, there is potential for 1 010 000 tons of white maize available for exports for the 2022/23 marketing season (provided there is efficient logistical capacity). Keep in mind that, as of 26 August 2022, 223 641 tons have already been exported (weekly SAGIS figures).

YELLOW MAIZE (2022/23 Season)

Supply: The total supply of yellow maize is projected at 7 760 872 tons for the 2022/23 marketing season. This includes an opening stock (at 1 May 2022) of 658 682 tons and local commercial deliveries of 6 957 050 tons. No yellow maize imports estimated for the season, early deliveries of 127 140 tons and a surplus of 18 000 tons.

Demand: The total demand (domestic plus exports) for yellow maize is projected at 6 982 000 tons. The total domestic demand is projected at 4 502 000 tons. This includes 550 000 tons processed for human consumption, 3 850 000 tons processed for animal and industrial consumption, 6 000 tons for gristing, 30 000 tons withdrawn by producers, 60 000 tons released to end-consumers and a balancing figure of 6 000 tons (net receipts and net dispatches). A projected export quantity of 180 000 tons of processed products and 2 300 000 tons of yellow whole maize is estimated for exports for the 2022/23 marketing season.

Stock levels: The projected closing stock level for 30 April 2023 is estimated at 778 872 tons. At an average processed quantity of 367 167 tons per month, this represents available stock levels for 2.1 months or 65 days.

Please note: When utilizing 45 days' stock as a proxy, there is potential for 2 536 000 tons of yellow maize available for exports for the 2022/23 marketing season (provided there is efficient logistical capacity). Keep in mind that, as of 26 August 2022, 1 230 514 tons have already been exported (weekly SAGIS figures).

TOTAL MAIZE (2022/23 Season)

Supply: The total supply of maize is projected at 16 804 271 tons for the 2022/23 marketing season. This includes an opening stock (at 1 May 2022) of 2 124 219 tons and local commercial deliveries of

14 364 100 tons. No imports are expected, early deliveries of 285 952 tons and a surplus of 30 000 tons.

Demand: The total demand (domestic plus exports) for maize is projected at 14 909 200 tons. The total domestic demand is projected at 11 499 200 tons. This includes 5 410 000 tons processed for human consumption, 5 950 000 tons processed for animal and industrial consumption, 17 200 tons for gristing, 42 000 tons withdrawn by producers, 69 000 tons released to end-consumers and a balancing figure of 11 000 tons (net receipts and net dispatches). A projected export quantity of 360 000 tons of processed products and 3 050 000 tons of total whole maize is estimated for exports for the 2022/23 marketing season.

Stock levels: The projected closing stock level for 30 April 2023 is estimated at 1 895 071 tons. At an average processed quantity of 948 100 tons per month, this represents available stock levels for 2.0 months or 61 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 (2022/23 Season)

Supply: The total supply of sweet sorghum is projected at 150 086 tons for the 2022/23 marketing season. This includes an opening stock level (at 1 March 2022) of 51 986 tons, local commercial deliveries of 85 600 tons, imports of 2 500 tons for South Africa and a sweet sorghum surplus of 10 000 tons.

Demand: The total demand (domestic plus exports) for sweet sorghum is projected at 101 950 tons. This includes 800 tons for indoor malting, 8 000 tons for floor malting, 70 000 tons for meal, rice and grits, 13 300 tons for feed, 650 tons withdrawn by producers, 600 tons released to end consumers, and a balancing figure of 600 tons (net receipts and net dispatches). A projected export quantity of 8 000 tons of sweet sorghum is estimated for exports for the 2022/23 marketing season.

Stock levels: The projected closing stock level for 28 February 2023 is estimated at 48 136 tons. At an average processed quantity of 7 675 tons per month, this represents available stock levels for 6 months or 191 days.

BITTER SORGHUM (2022/23 Season)

Supply: The total supply of bitter sorghum is projected 92 171 tons for the 2022/23 marketing season. This includes an opening stock level (at 1 March 2022) of 54 171 tons, local commercial deliveries of 37 400 tons, no bitter sorghum imports and a surplus of 600 tons for South Africa.

Demand: The total demand (domestic plus exports) for bitter sorghum is projected at 65 855 tons. This includes 10 500 tons for indoor malting, 45 000 tons for floor malting, 2 400 tons for meal, rice and grits, 5 305 tons for feed, 1 000 tons withdrawn by producers, 100 tons released to end consumers, a balancing figure of 50 tons (net receipts and net dispatches), and a zero deficit. A projected export quantity of 1 500 tons of bitter sorghum is estimated for exports for the 2022/23 marketing season.

Stock levels: The projected closing stock level for 28 February 2023 is estimated at 26 316 tons. At an average processed quantity of 5 267 tons per month, this represents available stock levels for 5 months or 152 days.

TOTAL SORGHUM (2022/23 Season)

Supply: The total supply of sorghum is projected at 242 257 tons for the 2022/23 marketing season. This includes an opening stock level (at 1 March 2022) of 106 157 tons, local commercial deliveries of 123 000 tons, sorghum imports of 2 500 tons for South Africa with a surplus of 10 600 tons.

Demand: The total demand (domestic plus exports) for sorghum is projected at 167 805 tons. This includes 11 300 tons for indoor malting, 53 000 tons for floor malting, 72 400 tons for meal, rice and grits, 18 605 tons for feed, 1 650 tons withdrawn by producers, 700 tons released to end consumers, a balancing figure of 650 tons (net receipts and net dispatches), and a zero deficit. A projected export quantity of 9 500 tons of total sorghum is estimated for exports for the 2022/23 marketing season.

Stock levels: The projected closing stock level for 28 February 2023 is estimated at 74 452 tons. At an average processed quantity of 12 942 tons per month, this represents available stock levels for 6 months or 175 days.

See Appendix 2 for detailed S&D table.

WHEAT (2021/22 Season)

Supply: The total supply of wheat is projected at 4 258 404 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 2 245 000 tons, whole wheat imports estimated for South Africa of 1 535 000 tons and a surplus of 11 000 tons.

Demand: The total demand (domestic plus exports) for wheat is projected at 3 661 100 tons. This includes 3 340 000 tons processed for human consumption, 19 000 tons processed for animal consumption, 8 500 tons withdrawn by producers, 1 600 tons released to end consumers, 20 000 tons projected seed for planting purposes and a balancing figure of 3 000 tons (net receipts and net dispatches). A projected export quantity of 24 000 tons processed products and 245 000 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 597 304 tons. At an average processed quantity of 279 917 tons per month, this represents available stock levels for 2.1 months or 65 days.

WHEAT (2022/23 Season)

Supply: The total supply of wheat is projected at 4 277 239 tons for the 2022/23 marketing season. This includes an opening stock level (at 1 October 2022) of 597 304 tons, local commercial deliveries of 2 138 935 tons, whole wheat imports estimated for South Africa of 1 530 000 tons and a surplus of 11 000 tons.

Demand: The total demand (domestic plus exports) for wheat is projected at 3 582 400 tons. This includes 3 360 000 tons processed for human consumption, 18 500 tons processed for animal consumption, 4 800 tons withdrawn by producers, 1 600 tons released to end consumers, 20 000 tons projected seed for planting purposes and a balancing figure of 3 500 tons (net receipts and net dispatches). A projected export quantity of 24 000 tons processed products and 150 000 tons whole wheat is estimated for exports for the 2022/23 marketing season.

Stock levels: The projected closing stock level for 30 September 2023 is estimated at 694 839 tons. At an average processed quantity of 281 542 tons per month, this represents available stock levels for 2.5 months or 75 days.

See Appendix 3 for detailed S&D table.

SUNFLOWER SEED (2022/23 Season)

Supply: The total supply of sunflower seed is projected at 919 340 tons for the 2022/23 marketing season. This includes an opening stock level (at 1 March 2022) of 31 790 tons, local commercial deliveries of 876 050 tons, sunflower seed imports of 4 500 tons for South Africa and a surplus of 7 000 tons.

Demand: The total demand (domestic plus exports) for sunflower seed is projected at 847 570 tons. This includes 1 550 tons processed for human consumption, 5 750 tons processed for animal consumption, 835 000 tons for crush (oil and oilcake), 1 000 tons withdrawn by producers, 850 tons released to end consumers, 2 500 tons seed for planting purposes and a balancing figure of 500 tons (net receipts and net dispatches). A quantity of 420 tons is estimated for exports for the 2022/23 marketing season.

Stock levels: The projected closing stock level for 28 February 2023 is estimated at 71 770 tons. At an average processed quantity of 70 192 tons per month, this represents available stock levels for 1.0 months or 31 days.

See Appendix 4 for detailed S&D table.

SOYBEANS (2022/23 Season)

Supply: The total supply of soybeans is projected at 2 321 987 tons for the 2022/23 marketing season. This includes an opening stock level (at 1 March 2022) of 168 387 tons, local commercial deliveries of 2 140 100 tons, 10 000 tons of soybean imports for South Africa and a surplus of 3 500 tons.

Demand: The total demand (domestic plus exports) for soybeans is projected at 1 974 900 tons. This includes 22 000 tons processed for human consumption, 190 000 tons processed for animal (full fat) feed, 1 600 000 tons for crush (oil and oilcake), 500 tons withdrawn by producers, 400 tons released to end consumers, 11 500 tons seed for planting purposes, and a balancing figure of 500 tons (net receipts and net dispatches). A quantity of 150 000 tons soybeans is estimated for exports for the 2022/23 marketing season.

Stock levels: The projected closing stock level for 28 February 2023 is estimated at 347 087 tons. At an average processed quantity of 151 000 tons per month, this represents available stock levels for 2.3 months or 70 days.

See Appendix 5 for detailed S&D table.

PLEASE NOTE:

The September 2022 SASDE Report will be released on 30 September 2022.

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

		White Maize	White Maize	Yellow Maize	Yellow Maize	Total Maize	Total Maize
	Marketing season	Final for 2021/22	Projection for 2022/23	Final for 2021/22	Projection for 2022/23	Final for 2021/22	Projection for 2022/23
		tons	tons	tons	tons	tons	tons
1	CEC (Crop Estimate)	8 600 000	7 637 050	7 715 000	7 367 050	16 315 000	15 004 100
2	CEC (Retention)	202 000	230 000	422 000	410 000	624 000	640 000
3	Min: Early deliveries for current season (March + April)	437 036	141 188	520 271	272 860	957 307	414 048
4	Plus: Early deliveries for next season (March + April)**	141 188	300 000	272 860	400 000	414 048	700 000
5	Available for the commercial market	8 102 152	7 565 862	7 045 589	7 084 190	15 147 741	14 650 052

6	SUPPLY						
7	Opening stock (1 May)	1 354 953	1 465 537	761 953	658 682	2 116 906	2 124 219
8	Producer deliveries	8 135 392	7 407 050	7 131 170	6 957 050	15 266 562	14 364 100
9	Imports	7 583	0	0	0	7 583	0
10	Early deliveries (Net)*	0	158 812	0	127 140	0	285 952
11	Surplus	25 495	12 000	17 894	18 000	43 389	30 000
12	Total Supply	9 523 423	9 043 399	7 911 017	7 760 872	17 434 440	16 804 271

13	DEMAND						
14	Processed for the local market	7 116 774	6 971 200	3 963 926	4 406 000	11 087 127	11 377 200
15	- human	4 697 765	4 860 000	474 216	550 000	5 171 981	5 410 000
16	- animal and industrial	2 407 049	2 100 000	3 490 822	3 850 000	5 897 871	5 950 000
17	- gristing	11 960	11 200	5 315	6 000	17 275	17 200
18	Withdrawn by producers	13 766	12 000	22 897	30 000	36 663	42 000

19	Released to end-consumers	3 404	9 000	45 478	60 000	48 882	69 000
20	Net receipts(-)/disp(+)	-492	5 000	2 830	6 000	2 338	11 000
21	Deficit	0	0	0	0	0	0
22	Local demand	7 133 452	6 997 200	4 041 558	4 502 000	11 175 010	11 499 200
23	Exports	924 434	930 000	3 210 777	2 480 000	4 135 211	3 410 000
24	- products	189 492	180 000	213 733	180 000	403 225	360 000
25	- whole maize	734 942	750 000	2 997 044	2 300 000	3 731 986	3 050 000
26	Total Demand	8 057 886	7 927 200	7 252 335	6 982 000	15 310 221	14 909 200

27	Closing Stock (30 Apr)	1 465 537	1 116 199	658 682	778 872	2 124 219	1 895 071
28	- processed p/month	593 065	580 933	330 327	367 167	923 927	948 100
29	- months' stock	2,5	1,9	2,0	2,1	2,3	2,0
30	- days' stock	75	58	61	65	70	61

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

		Sweet Sorghum	Sweet Sorghum	Bitter Sorghum	Bitter Sorghum	Total Sorghum	Total Sorghum
	Marketing season	Final for 2021/22	Projection for 2022/23	Final for 2021/22	Projection for 2022/23	Final for 2021/22	Projection for 2022/23
		tons	tons	tons	tons	tons	tons
1	CEC (Crop Estimate)	121 000	86 000	94 000	37 700	215 000	123 700
2	CEC Retentions	0	400	0	300	0	700
3	Available for the commercial market	121 000	85 600	94 000	37 400	215 000	123 000
4	SUPPLY						
5	Opening stock (1 March)	25 372	51 986	26 423	54 171	51 795	106 157
6	Prod deliveries	120 359	85 600	93 099	37 400	213 458	123 000
7	Imports for South Africa	4 147	2 500	0	0	4 147	2 500
8	Surplus	565	10 000	-330	600	235	10 600
9	Total Supply	150 443	150 086	119 192	92 171	269 635	242 257
10	DEMAND						
11	Processed	89 815	92 100	62 243	63 205	152 058	155 305
12	- Indoor malting	716	800	13 388	10 500	14 104	11 300
13	- Floor malting	9 417	8 000	41 447	45 000	50 864	53 000
14	- Meal, rice & grits	70 151	70 000	2 341	2 400	72 492	72 400
15	- Pet Food	633	600	0	5	633	605
16	- Poultry feed	7 694	7 700	1 332	1 500	9 026	9 200

	Marketing season	Sweet Sorghum	Sweet Sorghum	Bitter Sorghum	Bitter Sorghum	Total Sorghum	Total Sorghum
		Final for 2021/22	Projection for 2022/23	Final for 2021/22	Projection for 2022/23	Final for 2021/22	Projection for 2022/23
		tons	tons	tons	tons	tons	tons
17	- Livestock feed	1 204	5 000	3 735	3 800	4 939	8 800
18	Bio-fuel	0	0	0	0	0	0
19	Withdrawn by prod	519	650	1 418	1 000	1 937	1 650
20	Released to end-cons	523	600	62	100	585	700
21	Net receipts(-)/ disp(+)	68	600	-228	50	-160	650
22	Deficit	0	0	0	0	0	0
23	Exports	7 532	8 000	1 526	1 500	9 058	9 500
24	Total Demand	98 457	101 950	65 021	65 855	163 478	167 805
25	Ending Stock (28/29 Feb)	51 986	48 136	54 171	26 316	106 157	74 452
26	- processed p/month	7 485	7 675	5 187	5 267	12 672	12 942
27	- months' stock	6,9	6	10	5	8	6
28	- days' stock	211	191	318	152	255	175

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

		Wheat	Wheat	Wheat
	Marketing season	Final for 2020/21	Projection for 2021/22	Projection for 2022/23
		tons	tons	tons
1	CEC (Crop Estimate)	2 120 000	2 285 000	2 178 935
2	CEC (Retention)	0	40 000	40 000

3	SUPPLY			
4	Opening stock (1 Oct)	364 908	467 404	597 304
5	Prod deliveries*	2 077 136	2 245 000	2 138 935
6	Imports	1 516 995	1 535 000	1 530 000
7	Surplus	14 438	11 000	11 000
8	Total Supply	3 973 477	4 258 404	4 277 239

9	DEMAND			
10	Processed	3 355 869	3 359 000	3 378 500
11	- human	3 347 677	3 340 000	3 360 000
12	- animal	8 192	19 000	18 500
13	- gristing	0	0	0
14	Withdrawn by producers	4 049	8 500	4 800
15	Released to end-consumers	1 453	1 600	1 600
16	Seed for planting purposes	20 561	20 000	20 000
17	Net receipts(-)/disp(+)	5 653	3 000	3 500
18	Deficit	0	0	0
19	Exports	118 488	269 000	174 000
20	- products	27 056	24 000	24 000
21	- whole wheat	91 432	245 000	150 000
22	Total Demand	3 506 073	3 661 100	3 582 400

23	Closing Stock (30 Sep)	467 404	597 304	694 839
24	- processed p/month	279 656	279 917	281 542
25	- months' stock	1,7	2,1	2,5
26	- days' stock	51	65	75

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

		Sunflower Seed	Sunflower Seed
	Marketing season	Final for 2021/22	Projection for 2022/23
		tons	tons
1	CEC (Crop Estimate)	678 000	876 050
2	SUPPLY		
3	Opening stock (1 March)	60 964	31 790
4	Prod deliveries	689 083	876 050
5	Imports for South Africa	1 256	4 500
6	Surplus	9 306	7 000
7	Total Supply	760 609	919 340
8	DEMAND		
9	Processed	724 949	842 300
10	- human	1 556	1 550
11	- animal	6 129	5 750
12	- crush (oil and oilcake)	717 264	835 000
13	Withdrawn by producers	359	1 000
14	Released to end-consumers	666	850
15	Seed for planting purposes	2 495	2 500
16	Net receipts(-)/disp(+)	133	500
17	Deficit	0	0
18	Exports	217	420
19	Total Demand	728 819	847 570
20	Ending Stock (28/29 Feb)	31 790	71 770
21	- processed p/month	60 412	70 192
22	- months' stock	0,5	1,0
23	- days' stock	16	31

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

		Soybeans	Soybeans
	Marketing season	Final for 2021/22	Projection for 2022/23
		tons	tons
1	CEC (Crop Estimate)	1 897 000	2 172 100
2	Retention	0	32 000

3	SUPPLY		
4	Opening stock (1 March)	46 053	168 387
5	Prod deliveries	1 868 772	2 140 100
6	Imports for South Africa	13 448	10 000
7	Surplus	4 289	3 500
8	Total Supply	1 932 562	2 321 987

9	DEMAND		
10	Processed	1 710 221	1 812 000
11	- human	22 279	22 000
12	- animal feed (full fat soya)	167 480	190 000
13	- crush (oil/oilcake)	1 520 462	1 600 000
14	Withdrawn by producers	196	500
15	Released to end-consumers	123	400
16	Seed for planting purposes	11 079	11 500
17	Net receipts(-)/disp(+)	261	500
18	Deficit	0	0
19	Exports	42 295	150 000
20	Total Demand	1 764 175	1 974 900

21	Closing Stock (28/29 Feb)	168 387	347 087
22	- processed p/month	142 518	151 000
23	- months' stock	1,2	2,3
24	- days stock	36	70



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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