



NAMMC

Promoting market access for South African agriculture



South African Supply and Demand Estimates

September 2022 Report



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

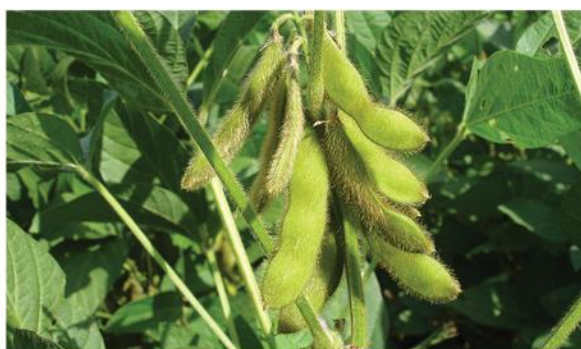
SASDE – 112th meeting held on
30 September 2022



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 SEPTEMBER 2022 ARE AS FOLLOWS:

WHITE MAIZE (2022/23 Season)

Supply: The total supply of white maize is projected at 9 196 099 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 7 559 750 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 7 937 200 tons. The total domestic demand is projected at 6 957 200 tons. This includes 4 820 000 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consumption, 2 100 000 tons processed for animal and industrial consumption, 11 200 tons for gristing, 12 000 tons withdrawn by producers, 9 000 tons released to end-consumers and a balancing figure of 5 000 tons (net receipts and net dispatches).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 800 000 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 1 258 899 tons. At an average processed quantity of 577 600 tons per month, this represents available stock levels for 2.2 months or 66 days.

Please note: When utilizing 45 days' stock as a proxy, there is potential for 1 200 000 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 23 September 2022, 300 349 tons have already been exported (weekly SAGIS figures).

YELLOW MAIZE (2022/23 Season)

Supply: The total supply of yellow maize is projected at 7 863 872 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 7 060 050 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 6 972 000 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 170 000 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 891 872 tons. At an average processed quantity of 367 167 tons per month, this represents available stock levels for 2.4 months or 74 days.

Please note: When utilizing 45 days' stock as a proxy, there is potential for 2 649 000 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 23 September 2022, 1 362 228 tons have already been exported (weekly SAGIS figures).

TOTAL MAIZE (2022/23 Season)

Supply: The total supply of maize is projected at 17 059 971 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 14 619 800 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 11 459 200 tons. This includes 5 370 000 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 350 000 tons of processed products and 3 100 000 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 2 150 771 tons. At an average processed quantity of 944 767 tons per month, this represents available stock levels for 2.3 months or 69 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 149 586 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 2 000 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 100 450 tons. This includes 1 000 tons for indoor malting, 6 000 tons for floor malting, 70 000 tons for meal, rice and grits, 13 500 tons for feed, 750 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 49 136 tons. At an average processed quantity of 7 542 tons per month, this represents available stock levels for 7 months or 198 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 68 005 tons. This includes 11 500 tons for indoor malting, 45 000 tons for floor malting, 2 000 tons for meal, rice and grits, 5 805 tons for feed, 1 500 tons withdrawn by producers, 150 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 2 000 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 24 166 tons. At an average processed quantity of 5 359 tons per month, this represents available stock levels for 5 months or 137 days.

TOTAL SORGHUM (2022/23 Season)

Supply: The total supply of sorghum is projected at 241 757 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 2 000 tons for South Africa with a surplus of 10 600 tons.

Demand: The total demand (domestic plus exports) for sorghum is projected at 168 455 tons. This includes 12 500 tons for indoor malting, 51 000 tons for floor malting, 72 000 tons for meal, rice and grits, 19 305 tons for feed, 2 250 tons withdrawn by producers, 750 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 10 000 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 73 302 tons. At an average processed quantity of 12 900 tons per month, this represents available stock levels for 6 months or 173 days.

See Appendix 2 for detailed S&D table.

WHEAT (2021/22 Season)

Supply: The total supply of wheat is projected at 4 303 404 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 1 580 000 tons and a surplus of 11 000 tons.

Demand: The total demand (domestic plus exports) for wheat is projected at 3 712 300 tons. This includes 3 365 000 tons processed for human consumption, 20 000 tons processed for animal consumption, 8 200 tons withdrawn by producers, 1 600 tons released to end consumers, 20 000 tons projected seed for planting purposes and a balancing figure of 2 000 tons (net receipts and net dispatches). A projected export quantity of 25 500 tons processed products and 270 000 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 591 104 tons. At an average processed quantity of 282 083 tons per month, this represents available stock levels for 2.1 months or 64 days.

WHEAT (2022/23 Season)

Supply: The total supply of wheat is projected at 4 310 879 tons for the 2022/23 marketing season. This includes an opening stock level (at 1 October 2022) of 591 104 tons, local commercial deliveries of 2 178 775 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 3 632 400 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 200 000 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 678 479 tons. At an average processed quantity of 281 542 tons per month, this represents available stock levels for 2.4 months or 73 days.

See Appendix 3 for detailed S&D table.

SUNFLOWER SEED (2022/23 Season)

Supply: The total supply of sunflower seed is projected at 891 340 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 845 550 tons, sunflower seed imports of 7 000 tons for South Africa and a surplus of 7 000 tons.

Demand: The total demand (domestic plus exports) for sunflower seed is projected at 832 050 tons. This includes 1 550 tons processed for human consumption, 6 000 tons processed for animal consumption, 820 000 tons for crush (oil and oilcake), 1 000 tons withdrawn by producers, 600 tons released to end consumers, 2 000 tons seed for planting purposes and a balancing figure of 500 tons (net receipts and net dispatches). A quantity of 400 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 59 290 tons. At an average processed quantity of 68 963 tons per month, this represents available stock levels for 0.9 months or 26 days.

See Appendix 4 for detailed S&D table.

SOYBEANS (2022/23 Season)

Supply: The total supply of soybeans is projected at 2 350 387 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 2 169 000 tons, 10 000 tons of soybean imports for South Africa and a surplus of 3 000 tons.

Demand: The total demand (domestic plus exports) for soybeans is projected at 2 010 900 tons. This includes 23 000 tons processed for human consumption, 195 000 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 180 000 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 339 487 tons. At an average processed quantity of 151 500 tons per month, this represents available stock levels for 2.2 months or 68 days.

See Appendix 5 for detailed S&D table.

PLEASE NOTE:

The October 2022 SASDE Report will be released on 27 October 2022 and not 28 October 2022 as initially scheduled.

Appendix 1: Detailed S & D table for White, Yellow and Total Maize: September 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	7 789 750	7 715 000	7 470 050	16 315 000	15 259 800
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	7 718 562	7 045 589	7 187 190	15 147 741	14 905 752
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	7 559 750	7 131 170	7 060 050	15 266 562	14 619 800
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	9 196 099	7 911 017	7 863 872	17 434 440	17 059 971
13	DEMAND						
14	Processed for the local market	7 116 774	6 931 200	3 963 926	4 406 000	11 087 127	11 337 200
15	- human	4 697 765	4 820 000	474 216	550 000	5 171 981	5 370 000
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	6 957 200	4 041 558	4 502 000	11 175 010	11 459 200
23	Exports	924 434	980 000	3 210 777	2 470 000	4 135 211	3 450 000
24	- products	189 492	180 000	213 733	170 000	403 225	350 000
25	- whole maize	734 942	800 000	2 997 044	2 300 000	3 731 986	3 100 000
26	Total Demand	8 057 886	7 937 200	7 252 335	6 972 000	15 310 221	14 909 200
27	Closing Stock (30 Apr)	1 465 537	1 258 899	658 682	891 872	2 124 219	2 150 771
28	- processed p/month	593 065	577 600	330 327	367 167	923 927	944 767
29	- months' stock	2,5	2,2	2,0	2,4	2,3	2,3
30	- days' stock	75	66	61	74	70	69

Appendix 2: Detailed S & D table for Sweet, Bitter and Total Sorghum: September 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	2 000	0	0	4 147	2 000
8	Surplus	565	10 000	-330	600	235	10 600
9	Total Supply	150 443	149 586	119 192	92 171	269 635	241 757
10	DEMAND						
11	Processed	89 815	90 500	62 243	64 305	152 058	154 805
12	- Indoor malting	716	1 000	13 388	11 500	14 104	12 500
13	- Floor malting	9 417	6 000	41 447	45 000	50 864	51 000
14	- Meal, rice & grits	70 151	70 000	2 341	2 000	72 492	72 000
15	- Pet Food	633	500	0	5	633	505
16	- Poultry feed	7 694	7 500	1 332	1 800	9 026	9 300

	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	5 500	3 735	4 000	4 939	9 500
18	Bio-fuel	0	0	0	0	0	0
19	Withdrawn by prod	519	750	1 418	1 500	1 937	2 250
20	Released to end-cons	523	600	62	150	585	750
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	2 000	9 058	10 000
24	Total Demand	98 457	100 450	65 021	68 005	163 478	168 455
25	Ending Stock (28/29 Feb)	51 986	49 136	54 171	24 166	106 157	73 302
26	- processed p/month	7 485	7 542	5 187	5 359	12 672	12 900
27	- months' stock	6,9	7	10	5	8	6
28	- days' stock	211	198	318	137	255	173

Appendix 3: Detailed S & D table for Wheat: September 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	2 218 775
2	CEC (Retention)	0	40 000	40 000
3	SUPPLY			
4	Opening stock (1 Oct)	364 908	467 404	591 104
5	Prod deliveries*	2 077 136	2 245 000	2 178 775
6	Imports	1 516 995	1 580 000	1 530 000
7	Surplus	14 438	11 000	11 000
8	Total Supply	3 973 477	4 303 404	4 310 879
9	DEMAND			
10	Processed	3 355 869	3 385 000	3 378 500
11	- human	3 347 677	3 365 000	3 360 000
12	- animal	8 192	20 000	18 500
13	- gristing	0	0	0
14	Withdrawn by producers	4 049	8 200	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	2 000	3 500
18	Deficit	0	0	0
19	Exports	118 488	295 500	224 000
20	- products	27 056	25 500	24 000
21	- whole wheat	91 432	270 000	200 000
22	Total Demand	3 506 073	3 712 300	3 632 400
23	Closing Stock (30 Sep)	467 404	591 104	678 479
24	- processed p/month	279 656	282 083	281 542
25	- months' stock	1,7	2,1	2,4
26	- days' stock	51	64	73

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

		Sunflower Seed	Sunflower Seed
	Marketing season	Final for 2021/22	Projection for 2022/23
		tons	tons
1	CEC (Crop Estimate)	678 000	845 550
2	SUPPLY		
3	Opening stock (1 March)	60 964	31 790
4	Prod deliveries	689 083	845 550
5	Imports for South Africa	1 256	7 000
6	Surplus	9 306	7 000
7	Total Supply	760 609	891 340
8	DEMAND		
9	Processed	724 949	827 550
10	- human	1 556	1 550
11	- animal	6 129	6 000
12	- crush (oil and oilcake)	717 264	820 000
13	Withdrawn by producers	359	1 000
14	Released to end-consumers	666	600
15	Seed for planting purposes	2 495	2 000
16	Net receipts(-)/disp(+)	133	500
17	Deficit	0	0
18	Exports	217	400
19	Total Demand	728 819	832 050
20	Ending Stock (28/29 Feb)	31 790	59 290
21	- processed p/month	60 412	68 963
22	- months' stock	0,5	0,9
23	- days' stock	16	26

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

		Soybeans	Soybeans
	Marketing season	Final for 2021/22	Projection for 2022/23
		tons	tons
1	CEC (Crop Estimate)	1 897 000	2 201 000
2	Retention	0	32 000

3	SUPPLY		
4	Opening stock (1 March)	46 053	168 387
5	Prod deliveries	1 868 772	2 169 000
6	Imports for South Africa	13 448	10 000
7	Surplus	4 289	3 000
8	Total Supply	1 932 562	2 350 387

9	DEMAND		
10	Processed	1 710 221	1 818 000
11	- human	22 279	23 000
12	- animal feed (full fat soya)	167 480	195 000
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	180 000
20	Total Demand	1 764 175	2 010 900

21	Closing Stock (28/29 Feb)	168 387	339 487
22	- processed p/month	142 518	151 500
23	- months' stock	1,2	2,2
24	- days stock	36	68



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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- Only the NAMC June 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

Enquiries:

Dr Christo Joubert
+27(0)12 341 1115/+27(0)76 999 7766
christo@namc.co.za

Funzani Sundani
+27(0)12 341 115/+27(0)78 084 1329
fsundani@namc.co.za

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