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Promoting market access for South African agriculture



South African Supply and Demand Estimates

June 2022 Report



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

**SASDE – 109th meeting held on
30 June 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 JUNE 2022 ARE AS FOLLOWS:

WHITE MAIZE (2022/23 Season)

Supply: The total supply of white maize is projected at 8 906 749 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 7 270 400 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 8 117 500 tons. The total domestic demand is projected at 7 287 500 tons. This includes 4 860 000 tons processed for human consumption, 2 390 000 tons processed for animal and industrial consumption, 11 500 tons for gristing, 12 000 tons withdrawn by producers, 9 000 tons released to end-consumers and a balancing figure of 5 000 tons (net receipts and net dispatches).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 650 000 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 789 249 tons. At an average processed quantity of 605 125 tons per month, this represents available stock levels for 1.3 months or 40 days.

YELLOW MAIZE (2022/23 Season)

Supply: The total supply of yellow maize is projected at 7 602 222 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 6 798 400 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 6 772 000 tons. The total domestic demand is projected at 4 287 000 tons. This includes 525 000 tons processed for human consumption, 3 660 000 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 185 000 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 830 222 tons. At an average processed quantity of 349 250 tons per month, this represents available stock levels for 2.4 months or 72 days.

Please note: When utilizing 45 days' stock as a proxy, there is potential for 2 614 000 tons of yellow maize available for exports for the 2022/23 marketing season (provided there is efficient logistical capacity).

TOTAL MAIZE (2022/23 Season)

Supply: The total supply of maize is projected at 16 508 971 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 14 068 800 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 14 889 500 tons. The total domestic demand is projected at 11 574 500 tons. This includes 5 385 000 tons processed for human

consumption, 6 050 000 tons processed for animal and industrial consumption, 17 500 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 365 000 tons of processed products and 2 950 000 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 1 619 471 tons. At an average processed quantity of 954 375 tons per month, this represents available stock levels for 1.7 months or 52 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 152 586 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 5 000 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 98 850 tons. This includes 650 tons for indoor malting, 9 000 tons for floor malting, 70 000 tons for meal, rice and grits, 9 800 tons for feed, 550 tons withdrawn by producers, 550 tons released to end consumers, and a balancing figure of 300 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 53 736 tons. At an average processed quantity of 7 454 tons per month, this represents available stock levels for 7 months or 219 days.

BITTER SORGHUM (2022/23 Season)

Supply: The total supply of bitter sorghum is projected 109 191 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 54 520 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 64 555 tons. This includes 10 000 tons for indoor malting, 45 000 tons for floor malting, 2 600 tons for meal, rice and grits, 4 305 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 44 636 tons. At an average processed quantity of 5 159 tons per month, this represents available stock levels for 9 months or 263 days.

TOTAL SORGHUM (2022/23 Season)

Supply: The total supply of sorghum is projected at 261 777 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 140 120 tons, sorghum imports of 5 000 tons for South Africa with a surplus of 10 500 tons.

Demand: The total demand (domestic plus exports) for sorghum is projected at 163 405 tons. This includes 10 650 tons for indoor malting, 54 000 tons for floor malting, 72 600 tons for meal, rice and grits, 14 105 tons for feed, 1 550 tons withdrawn by producers, 650 tons released to end consumers, a

balancing figure of 350 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 98 372 tons. At an average processed quantity of 12 613 tons per month, this represents available stock levels for 8 months or 237 days.

See Appendix 2 for detailed S&D table.

WHEAT (2021/22 Season)

Supply: The total supply of wheat is projected at 4 197 404 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 1 475 000 tons and a surplus of 10 000 tons.

Demand: The total demand (domestic plus exports) for wheat is projected at 3 617 100 tons. This includes 3 340 000 tons processed for human consumption, 17 000 tons processed for animal consumption, 8 000 tons withdrawn by producers, 1 600 tons released to end consumers, 22 000 tons projected seed for planting purposes and a balancing figure of 4 500 tons (net receipts and net dispatches). A projected export quantity of 24 000 tons processed products and 200 000 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 580 304 tons. At an average processed quantity of 279 750 tons per month, this represents available stock levels for 2.1 months or 63 days.

See Appendix 3 for detailed S&D table.

SUNFLOWER SEED (2022/23 Season)

Supply: The total supply of sunflower seed is projected at 1 001 390 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 961 350 tons, sunflower seed imports of 750 tons for South Africa and a surplus of 7 500 tons.

Demand: The total demand (domestic plus exports) for sunflower seed is projected at 862 290 tons. This includes 1 550 tons processed for human consumption, 5 700 tons processed for animal consumption, 850 000 tons for crush (oil and oilcake), 520 tons withdrawn by producers, 1 100 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 139 100 tons. At an average processed quantity of 71 438 tons per month, this represents available stock levels for 1.9 months or 59 days.

See Appendix 4 for detailed S&D table.

SOYBEANS (2022/23 Season)

Supply: The total supply of soybeans is projected at 2 247 737 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 2 059 350 tons, 15 000 tons of soybean imports for South Africa and a surplus of 5 000 tons.

Demand: The total demand (domestic plus exports) for soybeans is projected at 1 869 900 tons. This includes 22 000 tons processed for human consumption, 185 000 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 50 000 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 377 837 tons. At an average processed quantity of 150 583 tons per month, this represents available stock levels for 2.5 months or 76 days.

See Appendix 5 for detailed S&D table.

PLEASE NOTE: The June 2022 SASDE Report will be released on 29 July 2022.

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

	Marketing season	White Maize	White Maize	Yellow Maize	Yellow Maize	Total Maize	Total Maize
		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	7 470 400	7 715 000	7 208 400	16 315 000	14 678 800
2	CEC (Retention)	202 000	200 000	422 000	410 000	624 000	610 000
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	7 429 212	7 045 589	6 925 540	15 147 741	14 354 752

6	SUPPLY						
7	Opening stock (1 June)	1 354 953	1 465 537	761 953	658 682	2 116 906	2 124 219
8	Producer deliveries	8 135 392	7 270 400	7 131 170	6 798 400	15 266 562	14 068 800
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	8 906 749	7 911 017	7 602 222	17 434 440	16 508 971

13	DEMAND						
14	Processed for the local market	7 116 774	7 261 500	3 963 926	4 191 000	11 087 127	11 452 500
15	- human	4 697 765	4 860 000	474 216	525 000	5 171 981	5 385 000
16	- animal and industrial	2 407 049	2 390 000	3 490 822	3 660 000	5 897 871	6 050 000
17	- gristing	11 960	11 500	5 315	6 000	17 275	17 500
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	7 287 500	4 041 558	4 287 000	11 175 010	11 574 500
23	Exports	924 434	830 000	3 210 777	2 485 000	4 135 211	3 315 000
24	- products	189 492	180 000	213 733	185 000	403 225	365 000
25	- whole maize	734 942	650 000	2 997 044	2 300 000	3 731 986	2 950 000
26	Total Demand	8 057 886	8 117 500	7 252 335	6 772 000	15 310 221	14 889 500
27	Closing Stock (30 Apr)	1 465 537	789 249	658 682	830 222	2 124 219	1 619 471
28	- processed p/month	593 065	605 125	330 327	349 250	923 927	954 375
29	- months' stock	2,5	1,3	2,0	2,4	2,3	1,7
30	- days' stock	75	40	61	72	70	52

Appendix 2: Detailed S & D table for Sweet, Bitter and Total Sorghum: June 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	54 820	215 000	140 820
2	CEC Retentions	0	400	0	300	0	700
3	Available for the commercial market	121 000	85 600	94 000	54 520	215 000	140 120
4	SUPPLY						
5	Opening stock (1 Mar)	25 372	51 986	26 423	54 171	51 795	106 157
6	Prod deliveries	120 359	85 600	93 099	54 520	213 458	140 120
7	Imports for South Africa	4 147	5 000	0	0	4 147	5 000
8	Surplus	565	10 000	-330	500	235	10 500
9	Total Supply	150 443	152 586	119 192	109 191	269 635	261 777
10	DEMAND						
11	Processed	89 815	89 450	62 243	61 905	152 058	151 355
12	- Indoor malting	716	650	13 388	10 000	14 104	10 650
13	- Floor malting	9 417	9 000	41 447	45 000	50 864	54 000
14	- Meal, rice & grits	70 151	70 000	2 341	2 600	72 492	72 600
15	- Pet Food	633	600	0	5	633	605
16	- Poultry feed	7 694	7 700	1 332	1 300	9 026	9 000

	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	1 500	3 735	3 000	4 939	4 500
18	Bio-fuel	0	0	0	0	0	0
19	Withdrawn by prod	519	550	1 418	1 000	1 937	1 550
20	Released to end-cons	523	550	62	100	585	650
21	Net receipts(-)/ disp(+)	68	300	-228	50	-160	350
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	98 850	65 021	64 555	163 478	163 405
25	Ending Stock (28/29 Feb)	51 986	53 736	54 171	44 636	106 157	98 372
26	- processed p/month	7 485	7 454	5 187	5 159	12 672	12 613
27	- months' stock	6,9	7	10	9	8	8
28	- days' stock	211	219	318	263	255	237

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

		Wheat	Wheat
	Marketing season	Final for 2020/21	Projection for 2021/22
			tons
1	CEC (Crop Estimate)	2 120 000	2 285 000
2	CEC (Retention)	0	40 000
3	SUPPLY		
4	Opening stock (1 Oct)	364 908	467 404
5	Prod deliveries*	2 077 136	2 245 000
6	Imports	1 516 995	1 475 000
7	Surplus	14 438	10 000
8	Total Supply	3 973 477	4 197 404
9	DEMAND		
10	Processed	3 355 869	3 357 000
11	- human	3 347 677	3 340 000
12	- animal	8 192	17 000
13	- gristing	0	0
14	Withdrawn by producers	4 049	8 000
15	Released to end-consumers	1 453	1 600
16	Seed for planting purposes	20 561	22 000
17	Net receipts(-)/disp(+)	5 653	4 500
18	Deficit	0	0
19	Exports	118 488	224 000
20	- products	27 056	24 000
21	- whole wheat	91 432	200 000
22	Total Demand	3 506 073	3 617 100
23	Closing Stock (30 Sep)	467 404	580 304
24	- processed p/month	279 656	279 750
25	- months' stock	1,7	2,1
26	- days' stock	51	63

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

		Sunflower Seed	Sunflower Seed
	Marketing season	Final for 2021/22	Projection for 2022/23
		tons	tons
1	CEC (Crop Estimate)	678 000	961 350
2	SUPPLY		
3	Opening stock (1 March)	60 964	31 790
4	Prod deliveries	689 083	961 350
5	Imports for South Africa	1 256	750
6	Surplus	9 306	7 500
7	Total Supply	760 609	1 001 390
8	DEMAND		
9	Processed	724 949	857 250
10	- human	1 556	1 550
11	- animal	6 129	5 700
12	- crush (oil and oilcake)	717 264	850 000
13	Withdrawn by producers	359	520
14	Released to end-consumers	666	1 100
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	862 290
20	Ending Stock (28/29 Feb)	31 790	139 100
21	- processed p/month	60 412	71 438
22	- months' stock	0,5	1,9
23	- days' stock	16	59

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

		Soybeans	Soybeans
	Marketing season	Final for 2021/22	Projection for 2022/23
		tons	tons
1	CEC (Crop Estimate)	1 897 000	2 091 350
2	Retention	0	32 000

3	SUPPLY		
4	Opening stock (1 March)	46 053	168 387
5	Prod deliveries	1 868 772	2 059 350
6	Imports for South Africa	13 448	15 000
7	Surplus	4 289	5 000
8	Total Supply	1 932 562	2 247 737

9	DEMAND		
10	Processed	1 710 221	1 807 000
11	- human	22 279	22 000
12	- animal feed (full fat soya)	167 480	185 000
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	50 000
20	Total Demand	1 764 175	1 869 900

21	Closing Stock (28/29 Feb)	168 387	377 837
22	- processed p/month	142 518	150 583
23	- months' stock	1,2	2,5
24	- days stock	36	76



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

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