



South African

Supply and Demand Estimates

May 2021 Report



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

SASDE – 96th meeting held
31 May 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 APRIL 2021 ARE AS FOLLOWS:

WHITE MAIZE (2021/22 New Season)

Supply: The total supply of white maize is projected at 8 982 190 tons for the 2021/22 marketing season. This includes an opening stock level (at 1 May 2021) of 1 355 589 tons and local commercial deliveries of 8 742 190 tons. No whole white maize imports are estimated for the season, early deliveries of a negative 233 039 tons and a surplus of 4 000 tons.

Demand: The total demand (domestic plus exports) for white maize is projected at 6 712 000 tons. The total domestic demand is projected at 6 681 000 tons. This includes 5 170 000 tons processed for human consumption, 1 500 000 tons processed for animal and industrial consumption, 11 000 tons for gristing, 12 000 tons withdrawn by producers, 15 000 tons released to end-consumers and a balancing figure of 4 000 tons (net receipts and net dispatches). A projected export quantity of 170 000 tons of processed products and 700 000 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 2 286 740 tons. At an average processed quantity of 556 750 tons per month, this represent available stock levels for 4,1 months or 125 days.

Please note: When utilizing 45 days' stock as a proxy, there is potential for 2 155 000 tons of white maize available for exports for the 2021/22 marketing season (provided there is efficient logistical capacity).

YELLOW MAIZE (2021/22 New Season)

Supply: The total supply of yellow maize is projected at 7 198 150 tons for the 2021/22 marketing season. This includes an opening stock (at 1 May 2021) of 761 156 tons and local commercial deliveries of 6 758 150 tons. No yellow maize imports estimated for the season, early deliveries is a negative 295 609 and a surplus of 10 000 tons.

Demand: The total demand (domestic plus exports) for yellow maize is projected at 6 396 500 tons. The total domestic demand is projected at 4 766 500 tons. This includes 620 000 tons processed for human consumption, 4 040 000 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 130 000 tons of processed products and 1 500 000 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 837 197 tons. At an average processed quantity of 388 750 tons per month, this represent available stock levels for 2,2 months or 66 days.

Please note: When utilizing 45 days' stock as a proxy, there is potential for 1 760 000 tons of yellow maize available for exports for the 2021/22 marketing season (provided there is efficient logistical capacity).

TOTAL MAIZE (2021/22 New Season)

Supply: The total supply of maize is projected at 16 180 340 tons for the 2021/22 marketing season. This includes an opening stock (at 1 May 2021) of 2 116 745 tons and local commercial deliveries of 15 500 340 tons. No whole maize imports are estimated, early deliveries of a negative 528 648 tons and a surplus of 14 000 tons.

Demand: The total demand (domestic plus exports) for maize is projected at 13 978 500 tons. The total domestic demand is projected at 11 478 500 tons. This includes 5 790 000 tons processed for human consumption, 5 540 000 tons processed for animal and industrial consumption, 16 000 tons for gristing, 42 000 tons withdrawn by producers, 80 000 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 2 200 000 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 3 123 937 tons. At an average processed quantity of 945 500 tons per month, this represents available stock levels for 3.3 months or 100 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 135 472 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 104 500 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 126 000 tons. This includes 1 500 tons for indoor malting, 10 800 tons for floor malting, 97 000 tons for meal, rice and grits, 10 600 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 9 472 tons. At an average processed quantity of 9 992 tons per month, this represent available stock levels for 0.9 months or 29 days.

BITTER SORGHUM (2021/22 Season)

Supply: The total supply of bitter sorghum is projected 117 058 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 89 635 tons, no bitter sorghum imports and a surplus of 1 000 tons for South Africa.

Demand: The total demand (domestic plus exports) for bitter sorghum is projected at 59 910 tons. This includes 10 000 tons for indoor malting, 43 000 tons for floor malting, 2 200 tons for meal, rice and grits, 860 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 2 000 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 57 148 tons. At an average processed quantity of 4 672 tons per month, this represent available stock levels for 12.2 months or 372 days.

TOTAL SORGHUM (2021/22 Season)

Supply: The total supply of sorghum is projected at 252 530 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 194 135 tons, sorghum imports of 5 000 tons for South Africa with a surplus of 1 600 tons.

Demand: The total demand (domestic plus exports) for sorghum is projected at 185 710 tons. This includes 11 300 tons for indoor malting, 53 800 tons for floor malting, 99 200 tons for meal, rice and grits, 11 460 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 6 000 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 66 820 tons. At an average processed quantity of 14 647 tons per month, this represent available stock levels for 4,6 months or 139 days.

See Appendix 2 for detailed S&D table.

WHEAT (2020/21 Season)

Supply: The total supply of wheat is projected at 4 035 908 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 1 580 000 tons and a surplus of 12 000 tons.

Demand: The total demand (domestic plus exports) for wheat is projected at 3 616 400 tons. This includes 3 450 000 tons processed for human consumption, 5 000 tons processed for animal consumption, 2 000 tons withdrawn by producers, 1 800 tons released to end consumers, 18 100 tons projected seed for planting purposes and a balancing figure of 4 500 tons (net receipts and net dispatches). A projected export quantity of 35 000 tons processed products and 100 000 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 419 508 tons. At an average processed quantity of 287 917 tons per month, this represent available stock levels for 1.5 months or 44 days.

See Appendix 3 for detailed S&D table.

SUNFLOWER SEED (2021/22 Season)

Supply: The total supply of sunflower seed is projected at 784 604 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 716 240 tons, sunflower seed imports of 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 732 300 tons. This includes 1 600 tons processed for human consumption, 5 300 tons processed for animal consumption, 720 000 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 52 304 tons. At an average processed quantity of 60 575 tons per month, this represents available stock levels for 0.9 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 1 931 203 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 1 873 150 tons, 10 000 tons of imports for South Africa and a surplus of 2 000 tons.

Demand: The total demand (domestic plus exports) for soybeans is projected at 1 606 600 tons. This includes 24 000 tons processed for human consumption, 220 000 tons processed for animal (full fat) feed, 1 350 000 tons for crush (oil and oilcake), 600 tons withdrawn by producers, 700 tons released to end consumers, 9 000 tons seed for planting purposes, and a balancing figure of 1 200 tons (net receipts and net dispatches). A quantity of 1 100 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 324 603 tons. At an average processed quantity of 132 833 tons per month, this represents available stock levels for 2.4 months or 74 days.

See Appendix 5 for detailed S&D table.

Please note: When utilizing 45 days' stock as a proxy, there is potential for 130 000 tons of soybeans available for exports for the 2021/22 marketing season (provided there is efficient logistical capacity).

PLEASE NOTE: The next SASDE Report will be released on the **2nd July 2021**.

Appendix 1: Detailed S & D table for White, Yellow and Total Maize – April 2021

		White Maize	White Maize
	Marketing season	Final 2020/21	Projection for 2021/22
		tons	tons
1	CEC (Crop Estimate)	8 547 500	8 982 190
2	CEC (Retention)	255 000	240 000
3	Min: Early deliveries for current season (March + April)		433 039
4	Plus: Early deliveries for next season (March + April)**		200 000
5	Available for the commercial market		8 509 151

	Yellow Maize	Yellow Maize
	Final 2020/21	Projection for 2021/22
	tons	tons
	6 752 500	7 198 150
	401 000	440 000
		512 109
		216 500
		6 462 541

	Total Maize	Total Maize
	Final 2020/21	Projection for 2021/22
	tons	tons
	15 300 000	16 180 340
	656 000	680 000
		945 148
		416 500
		14 971 692

6	SUPPLY		
7	Opening stock (1 May)	473 964	1 355 589
8	Producer deliveries	8 605 248	8 742 190
9	Imports	0	0
10	Early deliveries (Net)*		-233 039
11	Surplus	13 049	4 000
12	Total Supply	9 092 261	9 868 740

	526 637	761 156
	6 662 678	6 758 150
	463	0
		-295 609
	8 760	10 000
	7 198 538	7 233 697

	1 000 601	2 116 675
	15 267 926	15 500 340
	463	0
		-528 648
	21 809	14 000
	16 290 799	17 102 437

13	DEMAND		
14	Processed for the local market	6 422 586	6 681 000
15	- human	5 086 966	5 170 000
16	- animal and industrial	1 324 719	1 500 000
17	- gristing	10 901	11 000
18	Withdrawn by producers	10 089	12 000

	4 795 489	4 665 000
	598 156	620 000
	4 192 527	4 040 000
	4 806	5 000
	25 647	30 000

	11 218 075	11 346 000
	5 685 122	5 790 000
	5 517 246	5 540 000
	15 707	16 000
	35 736	42 000

19	Released to end-consumers	5 827	15 000	63 785	65 000	69 612	80 000
20	Net receipts(-)/disp(+)	1 592	4 000	3 450	6 500	5 042	10 500
21	Deficit	0	0	0	0	0	0
22	Local demand	6 440 096	6 712 000	4 888 371	4 766 500	11 328 465	11 478 500
23	Exports	1 296 578	870 000	1 549 011	1 630 000	2 845 589	2 500 000
24	- products	174 819	170 000	123 788	130 000	298 607	300 000
25	- whole maize	1 121 759	700 000	1 425 223	1 500 000	2 546 982	2 200 000
26	Total Demand	7 736 672	7 582 000	6 437 382	6 396 500	14 174 054	13 978 500
27	Closing Stock (30 Apr)	1 355 589	2 286 740	761 156	837 197	2 116 745	3 123 937
28	- processed p/month	535 216	556 750	399 624	388 750	934 840	945 000
29	- months' stock	2,5	4,1	1,9	2,2	2,3	3,3
30	- days' stock	77	125	58	66	69	100

*Early deliveries (Net) = Early deliveries for next season (March + April) minus Early deliveries for current season (March + April). The actual final closing stock at the end of April is determined by the early deliveries realised in March & April.

**For the current marketing season early deliveries of maize which occurred during January and February 2016, are included in the 2016/17 seasons' estimate (As per CEC estimates)

**Appendix 2: Detailed S & D table for Sweet, Bitter and Total Sorghum
April 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)	82 250	105 000	50 560	90 035	132 810	195 035
2	CEC Retentions	400	500	100	400	500	900
3	Available for the commercial market	81 850	104 500	50 460	89 635	132 310	194 135
4	SUPPLY						
5	Opening stock (1 Mch)	52 163	25 372	8 260	26 423	60 423	51 795
6	Prod deliveries	88 411	104 500	68 555	89 635	156 966	194 135
7	Imports	6 546	5 000	0	0	6 546	5 000
8	Surplus	607	600	1 507	1 000	2 114	1 600
9	Total Supply	147 727	135 472	78 322	117 058	226 049	252 530
10	DEMAND						
11	Processed	116 324	119 700	49 584	56 060	165 908	175 760
12	- Indoor malting	2 277	1 300	7 516	10 000	9 793	11 300
13	- Floor malting	10 397	10 800	38 888	43 000	49 285	53 800
14	- Meal, rice & grits	92 610	97 000	2 292	2 200	94 902	99 200
15	- Pet Food	622	600	12	10	634	610
16	- Poultry feed	8 001	7 500	549	500	8 550	8 000
17	- Livestock feed	2 417	2 500	327	350	2 744	2 850
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	2 000	5 380	6 000
24	Total Demand	122 355	125 800	51 899	59 910	174 254	185 710
25	Ending Stock (28/29 Feb)	25 372	9 672	26 423	57 148	51 795	66 820
26	- processed p/month	9 694	9 975	4 132	4 672	13 826	14 647
27	- months' stock	2,6	1,0	6,4	12,2	3,7	4,6
28	- days' stock	80	29	195	372	114	139

Appendix 3: Detailed S & D table for Wheat April 2021

		Wheat	Wheat
	Marketing season	Final for 2019/20	Projection for 2020/21
			tons
1	CEC (Crop Estimate)	1 535 000	2 120 000
2	CEC (Retention)	0	41 000

3	SUPPLY		
4	Opening stock (1 Oct)	539 079	364 908
5	Prod deliveries*	1 513 300	2 079 000
6	Imports	1 889 868	1 580 000
7	Surplus	9 812	12 000
8	Total Supply	3 952 059	4 035 908

9	DEMAND		
10	Processed	3 437 768	3 455 000
11	- human	3 414 602	3 450 000
12	- animal	23 166	5 000
13	- gristing	0	0
14	Withdrawn by producers	1 767	2 000
15	Released to end-consumers	1 269	1 800
16	Seed for planting purposes	16 595	18 100
17	Net receipts(-)/disp(+)	4 410	4 500
18	Deficit	0	0
19	Exports	125 342	135 000
20	- products	40 875	35 000
21	- whole wheat	84 467	100 000
22	Total Demand	3 587 151	3 616 400

23	Closing Stock (30 Sep)	364 908	419 508
24	- processed p/month	286 481	287 917
25	- months' stock	1,3	1,5
26	- days' stock	39	44

Appendix 4: Detailed S & D table for Sunflower Seed May 2021

		Sunflower Seed	Sunflower Seed
	Marketing season	Final for 2020/21	Projection for 2021/22
		tons	tons
1	CEC (Crop Estimate)	788 500	716 240
2	SUPPLY		
3	Opening stock (1 Mar)	135 325	60 964
4	Prod deliveries	785 567	716 240
5	Imports	471	400
6	Surplus	7 200	7 000
7	Total Supply	928 563	784 604
8	DEMAND		
9	Processed	861 295	726 900
10	- human	1 652	1 600
11	- animal	5 432	5 300
12	- crush (oil and oilcake)	854 211	720 000
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	732 300
20	Ending Stock (28/29 Feb)	60 964	52 304
21	- processed p/month	71 775	60 575
22	- months' stock	0,8	0,9
23	- days' stock	26	26

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

		Soybeans	Soybeans
	Marketing season	Final for 2020/21	Projection for 2021/22
		tons	tons
1	CEC (Crop Estimate)	1 245 500	1 918 150
2	Retention	0	45 000

3	SUPPLY		
4	Opening stock (1 Mar)	138 455	46 053
5	Prod deliveries	1 219 044	1 873 150
6	Imports	116 103	10 000
7	Surplus	1 968	2 000
8	Total Supply	1 475 570	1 931 203

9	DEMAND		
10	Processed	1 417 165	1 594 000
11	- human	23 234	24 000
12	- animal feed (full fat soya)	144 985	220 000
13	- crush (oil/oilcake)	1 248 946	1 350 000
14	Withdrawn by producers	496	600
15	Released to end-consumers	673	700
16	Seed for planting purposes	9 961	9 000
17	Net receipts(-)/disp(+)	162	1 200
18	Deficit	0	0
19	Exports	1 060	1 100
20	Total Demand	1 429 517	1 606 600

21	Closing Stock (28/29 Feb)	46 053	324 603
22	- processed p/month	118 097	132 833
23	- months' stock	0,4	2
24	- days stock	12	74



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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.

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

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