



National Agricultural
Marketing Council
Promoting market access for South African agriculture

Annexure A:

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.

South African Supply and Demand Estimates April 2020 Report

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

SASDE – 83rd meeting held 4 May 2020

THE SOUTH AFRICAN SUPPLY AND DEMAND PROJECTIONS FOR GRAINS AND OILSEEDS FOR
April 2020 ARE AS FOLLOWS:

WHITE MAIZE (2019/20 Season)

Supply: The total supply of white maize is projected at 7 236 100 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 May 2019) of 1 798 998 tons and local commercial deliveries of 5 385 000 tons. No whole white maize imports are estimated for the current season, with net early deliveries of 44 102 tons and a surplus of 8 000 tons.

Demand: The total demand (domestic plus exports) for white maize is projected at 6 699 000 tons. The total domestic demand is projected at 5 434 000 tons. This includes 4 740 000 tons processed for human consumption, 650 000 tons processed for animal and industrial consumption, 11 000 tons for gristing, 12 500 tons withdrawn by producers, 17 000 tons released to end-consumers and a balancing figure of 3 500 tons (net receipts and net dispatches). A projected export quantity of 230 000 tons of processed products and 1 035 000 tons of white whole maize is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 30 April 2020 is estimated at 537 100 tons. At an average processed quantity of 450 083 tons per month, this represent available stock levels for 1.2 months or 36 days.

YELLOW MAIZE (2019/20 Season)

Supply: The total supply of yellow maize is projected at 6 799 043 tons for the 2019/20 marketing season. This includes an opening stock (at 1 May 2019) of 864 088 tons and local commercial deliveries of 5 376 000 tons. Yellow maize imports of 510 000 tons are estimated for the current season, early deliveries of 23 955 tons and a surplus of 25 000 tons.

Demand: The total demand (domestic plus exports) for yellow maize is projected at 6 358 500 tons. The total domestic demand is projected at 5 823 500 tons. This includes 580 000 tons processed for human consumption, 5 100 000 tons processed for animal and industrial consumption, 12 500 tons for gristing, 45 000 tons withdrawn by producers, 80 000 tons released to end-consumers and a balancing figure of

6 000 tons (net receipts and net dispatches). A projected export quantity of 125 000 tons of processed products and 410 000 tons of yellow whole maize is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 30 April 2020 is estimated at 440 543 tons. At an average processed quantity of 474 375 tons per month, this represent available stock levels for 0.9 months or 28 days.

TOTAL MAIZE (2019/20 Season)

Supply: The total supply of maize is projected at 14 035 143 tons for the 2019/20 marketing season. This includes an opening stock (at 1 May 2019) of 2 663 086 tons and local commercial deliveries of 10 761 000 tons. Whole maize imports of 510 000 tons are estimated, with early deliveries of 68 057 tons and a surplus of 33 000 tons.

Demand: The total demand (domestic plus exports) for maize is projected at 13 057 500 tons. The total domestic demand is projected at 11 257 500 tons. This includes 5 320 000 tons processed for human consumption, 5 750 000 tons processed for animal and industrial consumption, 23 500 tons for gristing, 57 500 tons withdrawn by producers, 97 000 tons released to end-consumers and a balancing figure of 9 500 tons (net receipts and net dispatches). A projected export quantity of 355 000 tons of processed products and 1 445 000 tons of total whole maize is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 30 April 2020 is estimated at 977 643 tons. At an average processed quantity of 924 458 tons per month, this represents available stock levels for 1.1 months or 32 days.

WHITE MAIZE (2020/21 New Season)

Supply: The total supply of white maize is projected at 9 128 570 tons for the 2020/21 marketing season. This includes an opening stock level (at 1 May 2020) of 537 100 tons and local commercial deliveries of 8 579 470 tons. No whole white maize imports are estimated for the new season, no early deliveries and a surplus of 12 000 tons.

Demand: The total demand (domestic plus exports) for white maize is projected at 8 304 500 tons. The total domestic demand is projected at 6 664 500 tons. This includes 4 800 000 tons processed for human consumption, 1 810 000 tons processed for animal and industrial consumption, 10 500 tons for gristing, 20 000 tons withdrawn by producers, 20 000 tons released to end-consumers and a balancing figure of 4 000 tons (net receipts and net dispatches). A projected export quantity of 270 000 tons of processed products and 1 370 000 tons of white whole maize is estimated for exports for the 2020/21 marketing season.

Stock levels: The projected closing stock level at 30 April 2021 is estimated at 824 070 tons. At an average processed quantity of 551 708 tons per month, this represent available stock levels for 1.5 months or 45 days.

YELLOW MAIZE (2020/21 New Season)

Supply: The total supply of yellow maize is projected at 6 522 593 tons for the 2020/21 marketing season. This includes an opening stock (at 1 May 2020) of 440 543 tons and local commercial deliveries of 6 062 050 tons. No yellow maize imports estimated for the new season, no early deliveries and a surplus of 20 000 tons.

Demand: The total demand (domestic plus exports) for yellow maize is projected at 5 939 500 tons. The total domestic demand is projected at 4 879 500 tons. This includes 585 000 tons processed for human

consumption, 4 100 000 tons processed for animal and industrial consumption, 11 000 tons for gristing, 55 000 tons withdrawn by producers, 120 000 tons released to end-consumers and a balancing figure of 8 500 tons (net receipts and net dispatches). A projected export quantity of 140 000 tons of processed products and 920 000 tons of yellow whole maize is estimated for exports for the 2020/21 marketing season.

Stock levels: The projected closing stock level at 30 April 2021 is estimated at 583 093 tons. At an average processed quantity of 391 333 tons per month, this represent available stock levels for 1.5 months or 45 days.

TOTAL MAIZE (2020/21 New Season)

Supply: The total supply of maize is projected at 15 651 163 tons for the 2020/21 marketing season. This includes an opening stock (at 1 May 2020) of 977 643 tons and local commercial deliveries of 14 641 520 tons. No whole maize imports are estimated, no early deliveries and a surplus of 32 000 tons.

Demand: The total demand (domestic plus exports) for maize is projected at 14 244 000 tons. The total domestic demand is projected at 11 544 000 tons. This includes 5 385 000 tons processed for human consumption, 5 910 000 tons processed for animal and industrial consumption, 21 500 tons for gristing, 75 000 tons withdrawn by producers, 140 000 tons released to end-consumers and a balancing figure of 12 500 tons (net receipts and net dispatches). A projected export quantity of 410 000 tons of processed products and 2 290 000 tons of total whole maize is estimated for exports for the 2020/21 marketing season.

Stock levels: The projected closing stock level at 30 April 2021 is estimated at 1 407 163 tons. At an average processed quantity of 943 042 tons per month, this represents available stock levels for 1.5 months or 45 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 (2020/21 New Season)

Supply: The total supply of sweet sorghum is projected at 163 363 tons for the 2020/21 marketing season. This includes an opening stock level (at 1 March 2020) of 52 163 tons, local commercial deliveries of 85 200 tons, imports of 25 000 tons for South Africa and a sweet sorghum surplus of 1 000 tons.

Demand: The total demand (domestic plus exports) for sweet sorghum is projected at 133 330 tons. This includes 2 500 tons for indoor malting, 20 000 tons for floor malting, 94 000 tons for meal, rice and grits, 8 350 tons for feed, 780 tons withdrawn by producers, 800 tons released to end consumers, and a balancing figure of 900 tons (net receipts and net dispatches). A projected export quantity of 6 000 tons of sweet sorghum is estimated for exports for the 2020/21 marketing season.

Stock levels: The projected closing stock level at 28 February 2021 is estimated at 30 033 tons. At an average processed quantity of 10 404 tons per month, this represent available stock levels for 2.9 months or 88 days.

BITTER SORGHUM (2020/21 New Season)

Supply: The total supply of bitter sorghum is projected 61 595 tons for the 2020/21 marketing season. This includes an opening stock level (at 1 March 2020) of 8 260 tons, local commercial deliveries of 53 185 tons, no bitter sorghum imports and a surplus of 150 tons for South Africa.

Demand: The total demand (domestic plus exports) for bitter sorghum is projected at 45 285 tons. This includes 8 200 tons for indoor malting, 32 000 tons for floor malting, 1 500 tons for meal, rice and grits,

955 tons for feed, 400 tons withdrawn by producers, 80 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 2020/21 marketing season.

Stock levels: The projected closing stock level at 28 February 2021 is estimated at 16 310 tons. At an average processed quantity of 3 555 tons per month, this represent available stock levels for 4.6 months or 140 days.

TOTAL SORGHUM (2020/21 New Season)

Supply: The total supply of sorghum is projected at 224 958 tons for the 2020/21 marketing season. This includes an opening stock level (at 1 March 2020) of 60 423 tons, local commercial deliveries of 138 385 tons, sorghum imports of 25 000 tons for South Africa with a surplus of 1 150 tons.

Demand: The total demand (domestic plus exports) for sorghum is projected at 178 615 tons. This includes 10 700 tons for indoor malting, 52 000 tons for floor malting, 95 500 tons for meal, rice and grits, 9 305 tons for feed, 1 180 tons withdrawn by producers, 880 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 8 000 tons of total sorghum is estimated for exports for the 2020/21 marketing season.

Stock levels: The projected closing stock level at 28 February 2021 is estimated at 46 343 tons. At an average processed quantity of 13 959 tons per month, this represent available stock levels for 3.3 months or 101 days.

See Appendix 2 for detailed S&D table.

WHEAT (2019/20 Season)

Supply: The total supply of wheat is projected at 3 833 754 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 October 2019) of 539 079 tons, local commercial deliveries of 1 466 675 tons, whole wheat imports estimated for South Africa of 1 820 000 tons and a surplus of 8 000 tons.

Demand: The total demand (domestic plus exports) for wheat is projected at 3 421 000 tons. This includes 3 270 000 tons processed for human consumption, 20 000 tons processed for animal consumption, 2 300 tons withdrawn by producers, 1 500 tons released to end consumers, 20 000 tons projected seed for planting purposes and a balancing figure of 4 200 tons (net receipts and net dispatches). A projected export quantity of 40 000 tons processed products and 63 000 tons whole wheat is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 30 September 2020 is estimated at 412 754 tons. At an average processed quantity of 274 167 tons per month, this represent available stock levels for 1.5 months or 46 days.

See Appendix 3 for detailed S&D table.

SUNFLOWER SEED (2020/21 New Season)

Supply: The total supply of sunflower seed is projected at 872 035 tons for the 2020/21 marketing season. This includes an opening stock level (at 1 March 2020) of 135 325 tons, local commercial deliveries of 731 210 tons, sunflower seed imports of 500 tons for South Africa and a surplus of 5 000 tons.

Demand: The total demand (domestic plus exports) for sunflower seed is projected at 776 100 tons. This includes 1 500 tons processed for human consumption, 5 500 tons processed for animal consumption, 763 000 tons for crush (oil and oilcake), 650 tons withdrawn by producers, 1 100 tons released to end

consumers, 2 500 tons seed for planting purposes and a balancing figure of 1 300 tons (net receipts and net dispatches). A quantity of 550 tons is estimated for exports for the 2020/21 marketing season.

Stock levels: The projected closing stock level at 28 February 2021 is estimated at 95 935 tons. At an average processed quantity of 64 167 tons per month, this represents available stock levels for 1.5 months or 45 days.

See Appendix 4 for detailed S&D table.

SOYBEANS (2020/21 New Season)

Supply: The total supply of soybeans is projected at 1 648 805 tons for the 2020/21 marketing season. This includes an opening stock level (at 1 March 2020) of 138 455 tons, local commercial deliveries of 1 257 750 tons, soybean imports of 250 000 tons for South Africa and a surplus of 2 600 tons.

Demand: The total demand (domestic plus exports) for soybeans is projected at 1 449 650 tons. This includes 25 000 tons processed for human consumption, 180 000 tons processed for animal (full fat) feed, 1 230 000 tons for crush (oil and oilcake), 800 tons withdrawn by producers, 450 tons released to end consumers, 7 700 tons seed for planting purposes, and a balancing figure of 1 200 tons (net receipts and net dispatches). A quantity of 4 500 tons soybeans is estimated for exports for the 2020/21 marketing season.

Stock levels: The projected closing stock level at 28 February 2021 is estimated at 199 155 tons. At an average processed quantity of 119 583 tons per month, this represents available stock levels for 1.7 months or 51 days.

See Appendix 5 for detailed S&D table.

PLEASE NOTE: The May 2020 SASDE Report will be released on the **29th of May 2020**.

Appendix 1: Detailed S & D table for White, Yellow and Total Maize – April 2020

		White Maize			Yellow Maize			Total Maize		
	Marketing season	Final for 2018/19	Projection for 2019/20	Projection for 2020/21	Final for 2018/19	Projection for 2019/20	Projection for 2020/21	Final for 2018/19	Projection for 2019/20	Projection for 2020/21
		tons	tons	tons	tons	tons	tons	tons	tons	tons
1	CEC (Crop Estimate)	6 540 000	5 545 000	8 779 470	5 970 000	5 730 000	6 442 050	12 510 000	11 275 000	15 221 520
2	CEC Retentions	200 000	160 000	200 000	350 000	354 000	380 000	550 000	514 000	580 000
3	Min: Early deliveries for current season (Mar + Apr)	0	85 898	130 000	0	181 045	205 000	0	266 943	335 000
4	Plus: Early deliveries for next season (Mar + Apr)**	0	130 000	130 000	0	205 000	205 000	0	335 000	335 000
5	Available for the commercial market	6 340 000	5 429 102	8 579 470	5 620 000	5 399 955	6 062 050	11 960 000	10 829 057	14 641 520
6	SUPPLY									
7	Opening stock (1 May)	2 428 653	1 798 998	537 100	1 260 823	864 088	440 543	3 689 476	2 663 086	977 643
8	Prod deliveries	6 308 941	5 385 000	8 579 470	5 674 911	5 376 000	6 062 050	11 983 852	10 761 000	14 641 520
9	Imports for South Africa	0	0	0	171 622	510 000	0	171 622	510 000	0
10	Early deliveries (Net)*	0	44 102	0	0	23 955	0	0	68 057	0
11	Surplus	1 403	8 000	12 000	20 770	25 000	20 000	22 173	33 000	32 000
12	Total Supply	8 738 997	7 236 100	9 128 570	7 128 126	6 799 043	6 522 593	15 867 123	14 035 143	15 651 163
13	DEMAND									
14	Processed	6 283 320	5 401 000	6 620 500	4 407 657	5 692 500	4 696 000	10 690 977	11 093 500	11 316 500
15	- human	4 594 123	4 740 000	4 800 000	566 649	580 000	585 000	5 160 772	5 320 000	5 385 000
16	- animal and industrial	1 677 236	650 000	1 810 000	3 829 944	5 100 000	4 100 000	5 507 180	5 750 000	5 910 000
17	- gristing	11 961	11 000	10 500	11 064	12 500	11 000	23 025	23 500	21 500
18	Withdrawn by prod	12 844	12 500	20 000	51 420	45 000	55 000	64 264	57 500	75 000
19	Released to end-cons	22 946	17 000	20 000	128 697	80 000	120 000	151 643	97 000	140 000
20	Net receipts (-) / disp (+)	4 238	3 500	4 000	8 857	6 000	8 500	13 095	9 500	12 500
21	Deficit	0	0	0	0	0	0	0	0	0
22	Local demand	6 323 348	5 434 000	6 664 500	4 596 631	5 823 500	4 879 500	10 919 979	11 257 500	11 544 000
23	Exports	616 651	1 265 000	1 640 000	1 667 407	535 000	1 060 000	2 284 058	1 800 000	2 700 000
24	- products	72 280	230 000	270 000	141 312	125 000	140 000	213 592	355 000	410 000
25	- whole maize	544 371	1 035 000	1 370 000	1 526 095	410 000	920 000	2 070 466	1 445 000	2 290 000
26	Total Demand	6 939 999	6 699 000	8 304 500	6 264 038	6 358 500	5 939 500	13 204 037	13 057 500	14 244 000
27	Ending Stock (30 Apr)	1 798 998	537 100	824 070	864 088	440 543	583 093	2 663 086	977 643	1 407 163
28	- processed p/month	523 610	450 083	551 708	367 305	474 375	391 333	890 915	924 458	943 042
29	- months' stock	3,4	1,2	1,5	2,4	0,9	1,5	3,0	1,1	1,5
28	- days' stock	105	36	45	72	28	45	91	32	45

*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 2020, are included in the 2020/21 seasons' estimate (as per CEC estimates).

Appendix 2: Detailed S & D table for Sweet, Bitter and Total Sorghum – April 2020

		Sweet Sorghum		Bitter Sorghum		Total Sorghum	
	Marketing season	Final for 2019/20	Projection for 2020/21	Final for 2019/20	Projection for 2020/21	Final for 2019/20	Projection for 2020/21
		tons	tons	tons	tons	tons	tons
1	CEC (Crop Estimate)	88 250	85 600	38 750	53 285	127 000	138 885
2	CEC Retentions	700	400	300	100	1 000	500
3	Available for the commercial market	87 550	85 200	38 450	53 185	126 000	138 385
4	SUPPLY						
5	Opening stock (1 Mar)	34 954	52 163	16 906	8 260	51 860	60 423
6	Prod deliveries	86 134	85 200	37 791	53 185	123 925	138 385
7	Imports for South Africa	59 253	25 000	0	0	59 253	25 000
8	Surplus	0	1 000	0	150	0	1 150
9	Total Supply	180 341	163 363	54 697	61 595	235 038	224 958
10	DEMAND						
11	Processed	120 976	124 850	43 154	42 655	164 130	167 505
12	- Indoor malting	301	2 500	9 223	8 200	9 524	10 700
13	- Floor malting	19 924	20 000	30 933	32 000	50 857	52 000
14	- Meal, rice & grits	92 059	94 000	2 227	1 500	94 286	95 500
15	- Pet food	551	550	4	5	555	555
16	- Poultry feed	6 473	6 000	538	700	7 011	6 700
17	- Livestock feed	1 668	1 800	229	250	1 897	2 050
18	Bio-fuel	0	0	0	0	0	0
19	Withdrawn by prod	650	780	307	400	957	1 180
20	Released to end-cons	549	800	64	80	613	880
21	Net receipts (-) / disp (+)	1 734	900	-698	150	1 036	1 050
22	Deficit	-1 273	0	1 509	0	236	0
23	Exports	5 542	6 000	2 101	2 000	7 643	8 000
24	Total Demand	128 178	133 330	46 437	45 285	174 615	178 615
25	Ending Stock (28/29 Feb)	52 163	30 033	8 260	16 310	60 423	46 343
26	- processed p/month	10 081	10 404	3 596	3 555	13 678	13 959
27	- months' stock	5,2	2,9	2,3	4,6	4,4	3,3
28	- days' stock	157	88	70	140	134	101

Appendix 3: Detailed S & D table for Wheat – April 2020

		Wheat	
	Marketing season	Final for 2018/19	Projection for 2019/20
		tons	tons
1	CEC (Crop Estimate)	1 868 000	1 501 675
2	CEC (Retention)	33 000	35 000
3	SUPPLY		
4	Opening stock (1 Oct)	721 534	539 079
5	Prod deliveries	1 847 171	1 466 675
6	Imports for South Africa	1 368 097	1 820 000
7	Surplus	11 994	8 000
8	Total Supply	3 948 796	3 833 754
9	DEMAND		
10	Processed	3 254 656	3 290 000
11	- human	3 251 410	3 270 000
12	- animal	3 246	20 000
13	- gristing	0	0
14	Withdrawn by producers	941	2 300
15	Released to end-consumers	2 186	1 500
16	Seed for planting purposes	19 222	20 000
17	Net receipts(-)/disp(+)	3 523	4 200
18	Deficit	0	0
19	Exports	129 189	103 000
20	- products	20 932	40 000
21	- whole wheat	108 257	63 000
22	Total Demand	3 409 717	3 421 000
23	Closing Stock (30 Sep)	539 079	412 754
24	- processed p/month	271 221	274 167
25	- months' stock	2,0	1,5
26	- days' stock	60	46

Appendix 4: Detailed S & D table for Sunflower Seed - April 2020

		Sunflower Seed	
	Marketing season	Final for 2019/20	Projection for 2020/21
		tons	tons
1	CEC (Crop Estimate)	678 000	731 210
2	SUPPLY		
3	Opening stock (1 Mar)	120 165	135 325
4	Prod deliveries	677 674	731 210
5	Imports for South Africa	457	500
6	Surplus	6 520	5 000
7	Total Supply	804 816	872 035
8	DEMAND		
9	Processed	664 027	770 000
10	- human	1 478	1 500
11	- animal	5 511	5 500
12	- crush (oil & oilcake)	657 038	763 000
13	Withdrawn by producers	783	650
14	Released to end-consumers	1 023	1 100
15	Seed for planting purposes	2 447	2 500
16	Net receipts (-) / disp (+)	635	1 300
17	Deficit	0	0
18	Exports	576	550
19	Total Demand	669 491	776 100
20	Ending Stock (28/29 Feb)	135 325	95 935
21	- processed p/month	55 336	64 167
22	- months' stock	2,4	1,5
23	- days' stock	74	45

Appendix 5: Detailed S & D table for Soybeans – April 2020

		Soybeans	
	Marketing season	Final for 2019/20	Projection for 2020/21
		tons	tons
1	CEC (Crop Estimate)	1 170 345	1 290 750
2	Retention	0	33 000

3	SUPPLY		
4	Opening stock (1 Mar)	502 241	138 455
5	Prod deliveries	1 135 179	1 257 750
6	Imports for South Africa	9 098	250 000
7	Surplus	0	2 600
8	Total Supply	1 646 518	1 648 805

9	DEMAND		
10	Processed	1 484 592	1 435 000
11	- human	23 759	25 000
12	- animal feed (full fat soya)	191 223	180 000
13	- crush (oil/oilcake)	1 269 610	1 230 000
14	Withdrawn by producers	676	800
15	Released to end-consumers	367	450
16	Seed for planting purposes	7 640	7 700
17	Net receipts (-) / disp (+)	1 355	1 200
18	Deficit	8 097	0
19	Exports	5 336	4 500
20	Total Demand	1 508 063	1 449 650

21	Closing Stock (28/29 Feb)	138 455	199 155
22	- processed p/month	123 716	119 583
23	- months' stock	1,1	1,7
24	- days stock	34	51

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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/wp-content/uploads/2020/03/Definitions-for-selected-items-of-the-SASDE-Report-revised-March-2020.pdf>

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- 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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