



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 August 2020 Report

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

SASDE – 87th meeting held 31 August 2020

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

WHITE MAIZE (2020/21 New Season)

Supply: The total supply of white maize is projected at 9 273 633 tons for the 2020/21 marketing season. This includes an opening stock level (at 1 May 2020) of 473 964 tons and local commercial deliveries of 8 792 910 tons. No whole white maize imports are estimated for the new season, early deliveries of negative 1 241 tons and a surplus of 8 000 tons.

Demand: The total demand (domestic plus exports) for white maize is projected at 8 035 500 tons. The total domestic demand is projected at 6 865 500 tons. This includes 5 000 000 tons processed for human consumption, 1 810 000 tons processed for animal and industrial consumption, 11 500 tons for gristing, 20 000 tons withdrawn by producers, 20 000 tons released to end-consumers and a balancing figure of 4 000 tons (net receipts and net dispatches).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 900 000 tons of white whole maize is estimated for exports for the 2020/21 marketing season.

Please note: When utilizing 45 days' stock as a proxy, there is potential for 1 305 000 tons of white maize available for exports for the 2020/21 marketing season.

Stock levels: The projected closing stock level at 30 April 2021 is estimated at 1 238 133 tons. At an average processed quantity of 568 458 tons per month, this represent available stock levels for 2.2 months or 66 days.

YELLOW MAIZE (2020/21 New Season)

Supply: The total supply of yellow maize is projected at 6 669 206 tons for the 2020/21 marketing season. This includes an opening stock (at 1 May 2020) of 526 637 tons and local commercial deliveries of 6 134 060 tons. No yellow maize imports estimated for the new season, early deliveries of negative 11 491 tons and a surplus of 20 000 tons.

Demand: The total demand (domestic plus exports) for yellow maize is projected at 5 881 500 tons. The total domestic demand is projected at 4 511 500 tons. This includes 600 000 tons processed for human consumption, 3 740 000 tons processed for animal and industrial consumption, 8 000 tons for gristing, 55 000 tons withdrawn by producers, 100 000 tons released to end-consumers and a balancing figure of 8 500 tons (net receipts and net dispatches). A projected export quantity of 120 000 tons of processed products and 1 250 000 tons of yellow whole maize is estimated for exports for the 2020/21 marketing season.

Please note: When utilizing 45 days' stock as a proxy, there is potential for 1 500 000 tons of yellow maize available for exports for the 2020/21 marketing season.

Stock levels: The projected closing stock level at 30 April 2021 is estimated at 787 706 tons. At an average processed quantity of 362 333 tons per month, this represent available stock levels for 2.2 months or 66 days.

TOTAL MAIZE (2020/21 New Season)

Supply: The total supply of maize is projected at 15 942 839 tons for the 2020/21 marketing season. This includes an opening stock (at 1 May 2020) of 1 000 601 tons and local commercial deliveries of 14 926 970 tons. No whole maize imports are estimated, early deliveries of negative 12 732 tons and a surplus of 28 000 tons.

Demand: The total demand (domestic plus exports) for maize is projected at 13 917 000 tons. The total domestic demand is projected at 11 377 000 tons. This includes 5 600 000 tons processed for human consumption, 5 550 000 tons processed for animal and industrial consumption, 19 500 tons for gristing, 75 000 tons withdrawn by producers, 120 000 tons released to end-consumers and a balancing figure of 12 500 tons (net receipts and net dispatches). A projected export quantity of 390 000 tons of processed products and 2 150 000 tons of total whole maize is estimated for exports for the 2020/21 marketing season.

Please note: When utilizing 45 days' stock as a proxy, there is potential for 2 805 000 tons of total maize available for exports for the 2020/21 marketing season.

Stock levels: The projected closing stock level at 30 April 2021 is estimated at 2 025 839 tons. At an average processed quantity of 930 792 tons per month, this represents available stock levels for 2.2 months or 66 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 137 903 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 79 740 tons, imports of 5 000 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 129 830 tons. This includes 1 000 tons for indoor malting, 11 000 tons for floor malting, 100 000 tons for meal, rice and grits, 9 350 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 8 073 tons. At an average processed quantity of 10 113 tons per month, this represent available stock levels for 0.8 months or 24 days.

BITTER SORGHUM (2020/21 New Season)

Supply: The total supply of bitter sorghum is projected 73 780 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 65 370 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 42 445 tons. This includes 7 500 tons for indoor malting, 30 000 tons for floor malting, 1 500 tons for meal, rice and grits, 810 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 31 335 tons. At an average processed quantity of 3 318 tons per month, this represent available stock levels for 9.4 months or 287 days.

TOTAL SORGHUM (2020/21 New Season)

Supply: The total supply of sorghum is projected at 211 683 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 145 110 tons, sorghum imports of 5 000 tons for South Africa with a surplus of 1 150 tons.

Demand: The total demand (domestic plus exports) for sorghum is projected at 172 275 tons. This includes 8 500 tons for indoor malting, 41 000 tons for floor malting, 101 500 tons for meal, rice and grits, 10 165 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 39 408 tons. At an average processed quantity of 13 430 tons per month, this represent available stock levels for 2.9 months or 89 days.

See Appendix 2 for detailed S&D table.

WHEAT (2019/20 Season)

Supply: The total supply of wheat is projected at 3 901 079 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 1 503 000 tons, whole wheat imports estimated for South Africa of 1 850 000 tons and a surplus of 9 000 tons.

Demand: The total demand (domestic plus exports) for wheat is projected at 3 554 350 tons. This includes 3 375 000 tons processed for human consumption, 23 000 tons processed for animal consumption, 2 000 tons withdrawn by producers, 1 650 tons released to end consumers, 18 500 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 90 000 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 346 729 tons. At an average processed quantity of 283 167 tons per month, this represent available stock levels for 1.2 months or 37 days.

See Appendix 3 for detailed S&D table.

WHEAT (2020/21 New Season)

Supply: The total supply of wheat is projected at 3 979 595 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 October 2019) of 346 729 tons, local commercial deliveries of 1 924 230 tons, whole wheat imports estimated for South Africa of 1 700 000 tons and a surplus of 9 000 tons.

Demand: The total demand (domestic plus exports) for wheat is projected at 3 564 600 tons. This includes 3 400 000 tons processed for human consumption, 3 000 tons processed for animal consumption, 1 300 tons withdrawn by producers, 1 800 tons released to end consumers, 19 000 tons projected seed for planting purposes and a balancing figure of 4 500 tons (net receipts and net dispatches). A projected export quantity of 30 000 tons processed products and 105 000 tons whole wheat is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 30 September 2021 is estimated at 415 359 tons. At an average processed quantity of 283 583 tons per month, this represent available stock levels for 1.5 months or 45 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 926 735 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 785 910 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 793 150 tons. This includes 1 600 tons processed for human consumption, 5 400 tons processed for animal consumption, 780 000 tons for crush (oil and oilcake), 650 tons withdrawn by producers, 1 100 tons released to end consumers, 2 550 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 133 585 tons. At an average processed quantity of 65 583 tons per month, this represents available stock levels for 2 months or 62 days.

See Appendix 4 for detailed S&D table.

SOYBEANS (2020/21 New Season)

Supply: The total supply of soybeans is projected at 1 619 305 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 1 228 250 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 1 464 150 tons. This includes 25 000 tons processed for human consumption, 165 000 tons processed for animal (full fat) feed, 1 260 000 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 4 000 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 155 155 tons. At an average processed quantity of 120 833 tons per month, this represents available stock levels for 1.3 months or 39 days.

See Appendix 5 for detailed S&D table.

PLEASE NOTE: The September 2020 SASDE Report will be released on the 2nd of **October 2020**.

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

		White Maize	White Maize	Yellow Maize	Yellow Maize	Total Maize	Total Maize
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)	5 545 000	9 002 910	5 730 000	6 534 060	11 275 000	15 536 970
2	CEC (Retention)	160 000	210 000	354 000	400 000	514 000	610 000
3	Min: Early deliveries for current season (Mar + Apr)	85 898	131 241	181 045	216 491	266 943	347 732
4	Plus: Early deliveries for next season (Mar + Apr)**	130 000	130 000	205 000	205 000	335 000	335 000
5	Available for the commercial market	5 429 102	8 791 669	5 399 955	6 122 569	10 829 057	14 914 238
6	SUPPLY						
7	Opening stock (1 May)	1 798 998	473 964	864 088	526 637	2 663 086	1 000 601
8	Producer deliveries	5 442 474	8 792 910	5 444 579	6 134 060	10 887 053	14 926 970
9	Imports	0	0	509 684	0	509 684	0
10	Early deliveries (Net)*	0	-1 241	0	-11 491	0	-12 732
11	Surplus	0	8 000	27 941	20 000	22 336	28 000
12	Total Supply	7 241 472	9 273 633	6 846 292	6 669 206	14 082 159	15 942 839
13	DEMAND						
14	Processed for the local market	5 449 415	6 821 500	5 656 997	4 348 000	11 106 412	11 169 500
15	- human	4 809 569	5 000 000	578 003	600 000	5 387 572	5 600 000
16	- animal and industrial	629 076	1 810 000	5 069 241	3 740 000	5 698 317	5 550 000
17	- gristing	10 770	11 500	9 753	8 000	20 523	19 500
18	Withdrawn by producers	13 111	20 000	43 993	55 000	57 104	75 000
19	Released to end-consumers	17 649	20 000	82 166	100 000	99 815	120 000
20	Net receipts(-)/disp(+)	6 282	4 000	2 372	8 500	8 654	12 500
21	Deficit	5 605	0	0	0	0	0
22	Local demand	5 492 062	6 865 500	5 785 528	4 511 500	11 271 985	11 377 000
23	Exports	1 275 446	1 170 000	534 127	1 370 000	1 809 573	2 540 000
24	- products	236 537	270 000	124 275	120 000	360 812	390 000
25	- whole maize	1 038 909	900 000	409 852	1 250 000	1 448 761	2 150 000
26	Total Demand	6 767 508	8 035 500	6 319 655	5 881 500	13 081 558	13 917 000
27	Closing Stock (30 Apr)	473 964	1 238 133	526 637	787 706	1 000 601	2 025 839
28	- processed p/month	454 118	568 458	471 416	362 333	925 534	930 792
29	- months' stock	1,0	2,2	1,1	2,2	1,1	2,2
30	- days' stock	32	66	34	66	33	66

*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 – August 2020

		Sweet Sorghum	Sweet Sorghum
	Marketing season	Final for 2019/20	Projection for 2020/21
		tons	tons
	CEC (Crop Estimate)	88 250	80 140
	CEC Retentions	700	400
	Available for the commercial market	87 550	79 740

SUPPLY			
	Opening stock (1 Mch)	34 954	52 163
	Prod deliveries	86 134	79 740
	Imports	59 253	5 000
	Surplus	0	1 000
	Total Supply	180 341	137 903

DEMAND			
	Processed	120 976	121 350
	- Indoor malting	301	1 000
	- Floor malting	19 924	11 000
	- Meal, rice & grits	92 059	100 000
	- Pet Food	551	550
	- Poultry feed	6 473	7 000
	- Livestock feed	1 668	1 800
	Bio-fuel	0	0
	Withdrawn by producers	650	780
	Released to end-consumers	549	800
	Net receipts(-)/disp(+)	1 734	900
	Deficit	-1 273	0
	Exports	5 542	6 000
	Total Demand	128 178	129 830

	Ending Stock (28/29 Feb)	52 163	8 073
	- processed p/month	10 081	10 113
	- months' stock	5,2	0,8
	- days' stock	157	24

	Bitter Sorghum	Bitter Sorghum
	Final for 2019/20	Projection for 2020/21
	tons	tons
	38 750	65 470
	300	100
	38 450	65 370

	16 906	8 260
	37 791	65 370
	0	0
	0	150
	54 697	73 780

	43 154	39 815
	9 223	7 500
	30 933	30 000
	2 227	1 500
	4	15
	538	500
	229	300
	0	0
	307	400
	64	80
	-698	150
	1 509	0
	2 101	2 000
	46 437	42 445

	8 260	31 335
	3 596	3 318
	2,3	9,4
	70	287

	Total Sorghum	Total Sorghum
	Final for 2019/20	Projection for 2020/21
	tons	tons
	127 000	145 610
	1 000	500
	126 000	145 110

	51 860	60 423
	123 925	145 110
	59 253	5 000
	0	1 150
	235 038	211 683

	164 130	161 165
	9 524	8 500
	50 857	41 000
	94 286	101 500
	555	565
	7 011	7 500
	1 897	2 100
	0	0
	957	1 180
	613	880
	1 036	1 050
	236	0
	7 643	8 000
	174 615	172 275

	60 423	39 408
	13 678	13 430
	4,4	2,9
	134	89

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

	Wheat	Wheat	Wheat
Marketing season	Final for 2018/19	Projection for 2019/20	Projection for 2020/21
		tons	tons
CEC (Crop Estimate)	1 868 000	1 535 000	1 962 230
CEC (Retention)	33 000	32 000	38 000

SUPPLY			
Opening stock (1 Oct)	721 534	539 079	346 729
Prod deliveries*	1 847 171	1 503 000	1 924 230
Imports	1 368 097	1 850 000	1 700 000
Surplus	11 994	9 000	9 000
Total Supply	3 948 796	3 901 079	3 979 959

DEMAND			
Processed	3 254 656	3 398 000	3 403 000
- human	3 251 410	3 375 000	3 400 000
- animal	3 246	23 000	3 000
- gristing	0	0	0
Withdrawn by producers	941	2 000	1 300
Released to end-consumers	2 186	1 650	1 800
Seed for planting purposes	19 222	18 500	19 000
Net receipts(-)/disp(+)	3 523	4 200	4 500
Deficit	0	0	0
Exports	129 189	130 000	135 000
- products	20 932	40 000	30 000
- whole wheat	108 257	90 000	105 000
Total Demand	3 409 717	3 554 350	3 564 600

Closing Stock (30 Sep)	539 079	346 729	415 359
- processed p/month	271 221	283 167	283 583
- months' stock	2,0	1,2	1,5
- days' stock	60	37	45

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

		Sunflower Seed	Sunflower Seed
	Marketing season	Final for 2019/20	Projection for 2020/21
		tons	tons
1	CEC (Crop Estimate)	678 000	785 910
2	SUPPLY		
3	Opening stock (1 Mar)	120 165	135 325
4	Prod deliveries	677 674	785 910
5	Imports	457	500
6	Surplus	6 520	5 000
7	Total Supply	804 816	926 735
8	DEMAND		
9	Processed	664 027	787 000
10	- human	1 478	1 600
11	- animal	5 511	5 400
12	- crush (oil and oilcake)	657 038	780 000
13	Withdrawn by producers	783	650
14	Released to end-consumers	1 023	1 100
15	Seed for planting purposes	2 447	2 550
16	Net receipts(-)/disp(+)	635	1 300
17	Deficit	0	0
18	Exports	576	550
19	Total Demand	669 491	793 150
20	Ending Stock (28/29 Feb)	135 325	133 585
21	- processed p/month	55 336	65 583
22	- months' stock	2,4	2,0
23	- days' stock	74	62

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

		Soybeans	Soybeans
	Marketing season	Final for 2019/20	Projection for 2020/21
		tons	tons
1	CEC (Crop Estimate)	1 170 345	1 261 250
2	Retention	0	33 000

3	SUPPLY		
4	Opening stock (1 Mar)	502 241	138 455
5	Prod deliveries	1 135 179	1 228 250
6	Imports	9 098	250 000
7	Surplus	0	2 600
8	Total Supply	1 646 518	1 619 305

9	DEMAND		
10	Processed	1 484 592	1 450 000
11	- human	23 759	25 000
12	- animal feed (full fat soya)	191 223	165 000
13	- crush (oil/oilcake)	1 269 610	1 260 000
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	4 000
20	Total Demand	1 508 063	1 464 150

21	Closing Stock (28/29 Feb)	138 455	155 155
22	- processed p/month	123 716	120 833
23	- months' stock	1,1	1,3
24	- days stock	34	39

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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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