



National Agricultural Marketing Council

Promoting market access for South African agriculture

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 September 2020 Report

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

SASDE – 88th meeting held 02 October 2020

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

WHITE MAIZE (2020/21 New Season)

Supply: The total supply of white maize is projected at 9 072 483 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 8 591 760 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 7 879 500 tons. The total domestic demand is projected at 6 749 500 tons. This includes 5 100 000 tons processed for human consumption, 1 600 000 tons processed for animal and industrial consumption, 11 500 tons for gristing, 16 000 tons withdrawn by producers, 18 000 tons released to end-consumers and a balancing figure of 4 000 tons (net receipts and net dispatches). A projected export quantity of 230 000 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 1 270 000 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 1 192 983 tons. At an average processed quantity of 559 292 tons per month, this represent available stock levels for 2.1 months or 65 days.

YELLOW MAIZE (2020/21 New Season)

Supply: The total supply of yellow maize is projected at 6 769 997 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 6 220 360 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 6 076 500 tons. The total domestic demand is projected at 4 706 500 tons. This includes 600 000 tons processed for human consumption, 3 950 000 tons processed for animal and industrial consumption, 8 000 tons for gristing, 50 000 tons withdrawn by producers, 90 000 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 1 375 000 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 690 497 tons. At an average processed quantity of 379 833 tons per month, this represents available stock levels for 1.8 months or 55 days.

TOTAL MAIZE (2020/21 New Season)

Supply: The total supply of maize is projected at 15 839 480 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 14 812 120 tons. No whole maize imports are estimated, early deliveries of negative 1 241 tons and a surplus of 28 000 tons.

Demand: The total demand (domestic plus exports) for maize is projected at 13 956 000 tons. The total domestic demand is projected at 11 456 000 tons. This includes 5 700 000 tons processed for human consumption, 5 550 000 tons processed for animal and industrial consumption, 19 500 tons for gristing, 66 000 tons withdrawn by producers, 108 000 tons released to end-consumers and a balancing figure of 12 500 tons (net receipts and net dispatches). A projected export quantity of 350 000 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 64 500 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 1 883 480 tons. At an average processed quantity of 939 125 tons per month, this represents available stock levels for 2.0 months or 61 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 138 263 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 81 100 tons, imports of 4 000 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 130 830 tons. This includes 1 500 tons for indoor malting, 11 000 tons for floor malting, 100 000 tons for meal, rice and grits, 9 850 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 7 433 tons. At an average processed quantity of 10 196 tons per month, this represent available stock levels for 0.7 months or 22 days.

BITTER SORGHUM (2020/21 New Season)

Supply: The total supply of bitter sorghum is projected 77 695 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 69 285 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 42 185 tons. This includes 7 000 tons for indoor malting, 30 000 tons for floor malting, 1 500 tons for meal, rice and grits, 815 tons for feed, 600 tons withdrawn by producers, 120 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 35 510 tons. At an average processed quantity of 3 276 tons per month, this represent available stock levels for 10.8 months or 330 days.

TOTAL SORGHUM (2020/21 New Season)

Supply: The total supply of sorghum is projected at 215 958 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 150 385 tons, sorghum imports of 4 000 tons for South Africa with a surplus of 1 150 tons.

Demand: The total demand (domestic plus exports) for sorghum is projected at 173 015 tons. This includes 8 500 tons for indoor malting, 41 000 tons for floor malting, 101 500 tons for meal, rice and grits, 10 665 tons for feed, 1 380 tons withdrawn by producers, 920 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 42 943 tons. At an average processed quantity of 13 472 tons per month, this represent available stock levels for 3.2 months or 97 days.

See Appendix 2 for detailed S&D table.

WHEAT (2019/20 Season)

Supply: The total supply of wheat is projected at 3 925 079 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 1 512 000 tons, whole wheat imports estimated for South Africa of 1 865 000 tons and a surplus of 9 000 tons.

Demand: The total demand (domestic plus exports) for wheat is projected at 3 552 950 tons. This includes 3 380 000 tons processed for human consumption, 23 500 tons processed for animal consumption, 1 850 tons withdrawn by producers, 1 400 tons released to end consumers, 17 000 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 85 000 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 372 129 tons. At an average processed quantity of 283 625 tons per month, this represent available stock levels for 1.3 months or 40 days.

See Appendix 3 for detailed S&D table.

WHEAT (2020/21 New Season)

Supply: The total supply of wheat is projected at 4 007 159 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 October 2019) of 372 129 tons, local commercial deliveries of 1 986 030 tons, whole wheat imports estimated for South Africa of 1 640 000 tons and a surplus of 9 000 tons.

Demand: The total demand (domestic plus exports) for wheat is projected at 3 569 600 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 35 000 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 437 559 tons. At an average processed quantity of 283 583 tons per month, this represent available stock levels for 1.5 months or 47 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 823 250 tons. This includes 1 700 tons processed for human consumption, 5 400 tons processed for animal consumption, 810 000 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 103 485 tons. At an average processed quantity of 68 092 tons per month, this represents available stock levels for 1.5 months or 46 days.

See Appendix 4 for detailed S&D table.

SOYBEANS (2020/21 New Season)

Supply: The total supply of soybeans is projected at 1 519 305 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 150 000 tons for South Africa and a surplus of 2 600 tons.

Demand: The total demand (domestic plus exports) for soybeans is projected at 1 398 200 tons. This includes 25 000 tons processed for human consumption, 160 000 tons processed for animal (full fat) feed, 1 200 000 tons for crush (oil and oilcake), 800 tons withdrawn by producers, 500 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 3 000 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 121 105 tons. At an average processed quantity of 115 417 tons per month, this represents available stock levels for 1.0 months or 32 days.

See Appendix 5 for detailed S&D table.

PLEASE NOTE: The October 2020 SASDE Report will be released on the 30th of October 2020.

Appendix 1: Detailed S & D table for White, Yellow and Total Maize – September 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	8 801 760	5 730 000	6 620 360	11 275 000	15 422 120
2	CEC (Retention)	160 000	210 000	354 000	400 000	514 000	610 000
3	Min: Early deliveries for current season (March + April)	85 898	131 241	181 045	216 491	266 943	347 732
4	Plus: Early deliveries for next season (March + April)**	130 000	130 000	205 000	216 491	335 000	346 491
5	Available for the commercial market	5 429 102	8 590 519	5 399 955	6 220 360	10 829 057	14 810 879
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	8 591 760	5 444 579	6 220 360	10 887 053	14 812 120
9	Imports	0	0	509 684	0	509 684	0
10	Early deliveries (Net)*	0	-1 241	0	0	0	-1 241
11	Surplus	0	8 000	27 941	20 000	22 336	28 000
12	Total Supply	7 241 472	9 072 483	6 846 292	6 766 997	14 082 159	15 839 480
13 DEMAND							
14	Processed for the local market	5 449 415	6 711 500	5 656 997	4 558 000	11 106 412	11 269 500
15	- human	4 809 569	5 100 000	578 003	600 000	5 387 572	5 700 000
16	- animal and industrial	629 076	1 600 000	5 069 241	3 950 000	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	16 000	43 993	50 000	57 104	66 000
19	Released to end-consumers	17 649	18 000	82 166	90 000	99 815	108 000
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	6 749 500	5 785 528	4 706 500	11 271 985	11 456 000
23	Exports	1 275 446	1 130 000	534 127	1 370 000	1 809 573	2 500 000
24	- products	236 537	230 000	124 275	120 000	360 812	350 000
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	7 879 500	6 319 655	6 076 500	13 081 558	13 956 000

27	Closing Stock (30 Apr)	473 964	1 192 983	526 637	690 497	1 000 601	1 883 480
28	- processed p/month	454 118	559 292	471 416	379 833	925 534	939 125
29	- months' stock	1,0	2,1	1,1	1,8	1,1	2,0
30	- days' stock	32	65	34	55	33	61

**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 – September 2020

		Sweet Sorghum	Sweet Sorghum	Bitter Sorghum	Bitter Sorghum	Total 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	81 500	38 750	69 385	127 000	150 885
2	CEC Retentions	700	400	300	100	1 000	500
3	Available for the commercial market	87 550	81 100	38 450	69 285	126 000	150 385
4	SUPPLY						
5	Opening stock (1 Mch)	34 954	52 163	16 906	8 260	51 860	60 423
6	Prod deliveries	86 134	81 100	37 791	69 285	123 925	150 385
7	Imports	59 253	4 000	0	0	59 253	4 000
8	Surplus	0	1 000	0	150	0	1 150
9	Total Supply	180 341	138 263	54 697	77 695	235 038	215 958
10	DEMAND						
11	Processed	120 976	122 350	43 154	39 315	164 130	161 665
12	- Indoor malting	301	1 500	9 223	7 000	9 524	8 500
13	- Floor malting	19 924	11 000	30 933	30 000	50 857	41 000
14	- Meal, rice & grits	92 059	100 000	2 227	1 500	94 286	101 500
15	- Pet Food	551	550	4	15	555	565
16	- Poultry feed	6 473	7 500	538	500	7 011	8 000
17	- Livestock feed	1 668	1 800	229	300	1 897	2 100
18	Bio-fuel	0	0	0	0	0	0
19	Withdrawn by producers	650	780	307	600	957	1 380
20	Released to end-consumers	549	800	64	120	613	920

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	130 830	46 437	42 185	174 615	173 015
25	Ending Stock (28/29 Feb)	52 163	7 433	8 260	35 510	60 423	42 943
26	- processed p/month	10 081	10 196	3 596	3 276	13 678	13 472
27	- months' stock	5,2	0,7	2,3	10,8	4,4	3,2
28	- days' stock	157	22	70	330	134	97

Appendix 3: Detailed S & D table for Wheat September 2020

		Wheat	Wheat	Wheat
	Marketing season	Final for 2018/19	Projection for 2019/20	Projection for 2020/21
			tons	tons
1	CEC (Crop Estimate)	1 868 000	1 535 000	2 024 030
2	CEC (Retention)	33 000	32 000	38 000
3	SUPPLY			
4	Opening stock (1 Oct)	721 534	539 079	372 129
5	Prod deliveries*	1 847 171	1 512 000	1 986 030
6	Imports	1 368 097	1 865 000	1 640 000
7	Surplus	11 994	9 000	9 000
8	Total Supply	3 948 796	3 925 079	4 007 159
9	DEMAND			
10	Processed	3 254 656	3 403 500	3 403 000
11	- human	3 251 410	3 380 000	3 400 000
12	- animal	3 246	23 500	3 000
13	- gristing	0	0	0
14	Withdrawn by producers	941	1 850	1 300
15	Released to end-consumers	2 186	1 400	1 800
16	Seed for planting purposes	19 222	17 000	19 000
17	Net receipts(-)/disp(+)	3 523	4 200	4 500
18	Deficit	0	0	0
19	Exports	129 189	125 000	140 000
20	- products	20 932	40 000	35 000
21	- whole wheat	108 257	85 000	105 000
22	Total Demand	3 409 717	3 552 950	3 569 600
23	Closing Stock (30 Sep)	539 079	372 129	437 559
24	- processed p/month	271 221	283 625	283 583
25	- months' stock	2,0	1,3	1,5
26	- days' stock	60	40	47

Appendix 4: Detailed S & D table for Sunflower for September 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
SUPPLY			
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
DEMAND			
8	DEMAND		
9	Processed	664 027	817 100
10	- human	1 478	1 700
11	- animal	5 511	5 400
12	- crush (oil and oilcake)	657 038	810 000
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	823 250
Ending Stock (28/29 Feb)			
20	Ending Stock (28/29 Feb)	135 325	103 485
21	- processed p/month	55 336	68 092
22	- months' stock	2,4	1,5
23	- days' stock	74	46

Appendix 5: Detailed S & D table for Soybeans for September 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	150 000
7	Surplus	0	2 600
8	Total Supply	1 646 518	1 519 305

9	DEMAND		
10	Processed	1 484 592	1 385 000
11	- human	23 759	25 000
12	- animal feed (full fat soya)	191 223	160 000
13	- crush (oil/oilcake)	1 269 610	1 200 000
14	Withdrawn by producers	676	800
15	Released to end-consumers	367	500
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	3 000
20	Total Demand	1 508 063	1 398 200

21	Closing Stock (28/29 Feb)	138 455	121 105
22	- processed p/month	123 716	115 417
23	- months' stock	1,1	1,0
24	- days stock	34	32

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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

Enquiries: Dr Abongile Balarane
+27(0)12 341 1115/+27(0)76 752 4846
abalarane@namc.co.za

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

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