



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 January 2020 Report

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

SASDE – 80th meeting, 31st of January 2020

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

WHITE MAIZE (2019/20 Season)

Supply: The total supply of white maize is projected at 7 226 340 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 5 378 240 tons. No whole white maize imports are estimated for the current season, with net early deliveries of 34 102 tons and a surplus of 15 000 tons.

Demand: The total demand (domestic plus exports) for white maize is projected at 6 199 000 tons. The total domestic demand is projected at 5 369 000 tons. This includes 4 660 000 tons processed for human consumption, 660 000 tons processed for animal and industrial consumption, 11 000 tons for gristing, 14 000 tons withdrawn by producers, 20 000 tons released to end-consumers and a balancing figure of 4 000 tons (net receipts and net dispatches).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 110 000 tons of processed products and 720 000 tons of white whole maize is estimated for exports for the 2019/20 marketing season.

(Please note: When utilizing 45 days' stock as a proxy, there is potential for 1 085 000 tons of white maize available for exports for the 2019/20 marketing season.)

Stock levels: The projected closing stock level at 30 April 2020 is estimated at 1 027 340 tons. At an average processed quantity of 444 250 tons per month, this represent available stock levels for 2.3 months or 70 days.

YELLOW MAIZE (2019/20 Season)

Supply: The total supply of yellow maize is projected at 6 787 653 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

5 369 610 tons. Yellow maize imports of 525 000 tons are estimated for the current season, early deliveries of 18 955 tons and a surplus of 10 000 tons.

Demand: The total demand (domestic plus exports) for yellow maize is projected at 6 279 000 tons. The total domestic demand is projected at 5 789 000 tons. This includes 580 000 tons processed for human consumption, 5 050 000 tons processed for animal and industrial consumption, 11 000 tons for gristing, 42 000 tons withdrawn by producers, 98 000 tons released to end-consumers and a balancing figure of 8 000 tons (net receipts and net dispatches). A projected export quantity of 120 000 tons of processed products and 370 000 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 508 653 tons. At an average processed quantity of 470 083 tons per month, this represent available stock levels for 1.1 months or 33 days.

TOTAL MAIZE (2019/20 Season)

Supply: The total supply of maize is projected at 14 013 993 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 10 747 850 tons. Whole maize imports of 525 000 tons are estimated, with early deliveries of 53 057 tons and a surplus of 25 000 tons.

Demand: The total demand (domestic plus exports) for maize is projected at 12 478 000 tons. The total domestic demand is projected at 11 158 000 tons. This includes 5 240 000 tons processed for human consumption, 5 710 000 tons processed for animal and industrial consumption, 22 000 tons for gristing, 56 000 tons withdrawn by producers, 118 000 tons released to end-consumers and a balancing figure of 12 000 tons (net receipts and net dispatches). A projected export quantity of 230 000 tons of processed products and 1 090 000 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 1 535 993 tons. At an average processed quantity of 914 333 tons per month, this represents available stock levels for 1.7 months or 51 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 (2019/20 Season)

Supply: The total supply of sweet sorghum is projected at 178 029 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 March 2019) of 34 954 tons, local commercial deliveries of 90 175 tons, imports of 51 500 tons for South Africa and a sweet sorghum surplus of 1 400 tons.

Demand: The total demand (domestic plus exports) for sweet sorghum is projected at 127 700 tons. This includes 300 tons for indoor malting, 16 000 tons for floor malting, 96 000 tons for meal, rice and grits, 8 600 tons for feed, 700 tons withdrawn by producers, 600 tons released to end consumers, and a balancing figure of 500 tons (net receipts and net dispatches). A projected export quantity of 5 000 tons of sweet sorghum is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 29 February 2020 is estimated at 50 329 tons. At an average processed quantity of 10 075 tons per month, this represent available stock levels for 5 months or 152 days.

BITTER SORGHUM (2019/20 Season)

Supply: The total supply of bitter sorghum is projected 57 256 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 March 2019) of 16 906 tons, local commercial deliveries of 40 200 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 49 663 tons. This includes 9 650 tons for indoor malting, 34 300 tons for floor malting, 2 500 tons for meal, rice and grits, 953 tons for feed, 400 tons withdrawn by producers, 60 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 1 650 tons of bitter sorghum is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 29 February 2020 is estimated at 7 593 tons. At an average processed quantity of 3 950 tons per month, this represent available stock levels for 1.9 months or 58 days.

TOTAL SORGHUM (2019/20 Season)

Supply: The total supply of sorghum is projected at 235 285 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 March 2019) of 51 860 tons, local commercial deliveries of 130 375 tons, sorghum imports of 51 500 tons for South Africa with a surplus of 1 550 tons.

Demand: The total demand (domestic plus exports) for sorghum is projected at 177 363 tons. This includes 9 950 tons for indoor malting, 50 300 tons for floor malting, 98 500 tons for meal, rice and grits, 9 553 tons for feed, 1 100 tons withdrawn by producers, 660 tons released to end consumers, a balancing figure of 650 tons (net receipts and net dispatches), and a zero deficit. A projected export quantity of 6 650 tons of total sorghum is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 29 February 2020 is estimated at 57 922 tons. At an average processed quantity of 14 025 tons per month, this represent available stock levels for 4.1 months or 126 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 3 386 300 tons. This includes 3 270 000 tons processed for human consumption, 3 000 tons processed for animal consumption, 2 000 tons withdrawn by producers, 2 100 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 15 000 tons processed products and 70 000 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 447 454 tons. At an average processed quantity of 272 750 tons per month, this represent available stock levels for 1.6 months or 50 days.

See Appendix 3 for detailed S&D table.

SUNFLOWER SEED (2019/20 Season)

Supply: The total supply of sunflower seed is projected at 805 905 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 March 2019) of 120 165 tons, local commercial deliveries of 680 940 tons, sunflower seed imports of 500 tons for South Africa and a surplus of 4 300 tons.

Demand: The total demand (domestic plus exports) for sunflower seed is projected at 713 270 tons. This includes 1 500 tons processed for human consumption, 5 600 tons processed for animal consumption, 700 000 tons for crush (oil and oilcake), 750 tons withdrawn by producers, 1 050 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 570 tons is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 29 February 2020 is estimated at 92 635 tons. At an average processed quantity of 58 925 tons per month, this represents available stock levels for 1.6 months or 48 days.

See Appendix 4 for detailed S&D table.

SOYBEANS (2019/20 Season)

Supply: The total supply of soybeans is projected at 1 710 086 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 March 2019) of 502 241 tons, local commercial deliveries of 1 140 345 tons, soybean imports of 65 000 tons for South Africa and a surplus of 2 500 tons.

Demand: The total demand (domestic plus exports) for soybeans is projected at 1 424 500 tons. This includes 25 000 tons processed for human consumption, 205 000 tons processed for animal (full fat) consumption, 1 180 000 tons for crush (oil and oilcake), 750 tons withdrawn by producers, 450 tons released to end consumers, 7 800 tons seed for planting purposes, and a balancing figure of 1 000 tons (net receipts and net dispatches). A quantity of 4 500 tons soybeans is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 29 February 2020 is estimated at 285 586 tons. At an average processed quantity of 117 500 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: The February 2020 SASDE Report will be released on the 2nd of **March 2020**.

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

		White Maize		Yellow Maize		Total Maize	
	Marketing season	Final for 2018/19	Projection for 2019/20	Final for 2018/19	Projection for 2019/20	Final for 2018/19	Projection for 2019/20
		tons	tons	tons	tons	tons	tons
1	CEC (Crop Estimate)	6,540,000	5 538 240	5,970,000	5 719 610	12 510 000	11 257 850
2	CEC (Retention)	0	160 000	0	350 000	0	510 000
3	Min: Early deliveries for current season (March + April)*	0	85 898	0	181 045	0	266 943
4	Plus: Early deliveries for next season (March + April)*	0	120 000	0	200 000	0	320 000
5	Available for the commercial market	6,540,000	5 412 342	5,970,000	5 388 565	12 510 000	10 800 907
6 SUPPLY							
7	Opening stock (1 May)	2,428,653	1 798 998	1,260,823	864 088	3 689 476	2 663 086
8	Producer deliveries	6,308,941	5 378 240	5,674,911	5 369 610	11 983 852	10 747 850
9	Imports for South Africa	0	0	171,622	525 000	171 622	525 000
10	Early deliveries (Net)	0	34 102	0	18 955	0	53 057
11	Surplus	1,403	15 000	20,770	10 000	22 173	25 000
12	Total Supply	8,738,997	7 226 340	7,128,126	6 787 653	15 867 123	14 013 993
13 DEMAND							
14	Processed for the local market	6,283,320	5 331 000	4,407,657	5 641 000	10 690 977	10 972 000
15	- human	4,594,123	4 660 000	566,649	580 000	5 160 772	5 240 000

		White Maize		Yellow Maize		Total Maize	
	Marketing season	Final for 2018/19	Projection for 2019/20	Final for 2018/19	Projection for 2019/20	Final for 2018/19	Projection for 2019/20
		tons	tons	tons	tons	tons	tons
16	- animal and industrial	1 677 236	660 000	3 829 944	5 050 000	5 507 180	5 710 000
17	- gristing	11 961	11 000	11 064	11 000	23 025	22 000
18	Withdrawn by prod	12 844	14 000	51 420	42 000	64 264	56 000
19	Released to end-cons	22 946	20 000	128 697	98 000	151 643	118 000
20	Net receipts(-)/disp(+)	4 238	4 000	8 857	8 000	13 095	12 000
21	Deficit	0	0	0	0	0	0
22	Local demand	6 323 348	5 369 000	4 596 631	5 789 000	10 919 979	11 158 000
23	Exports	616 651	830 000	1 667 407	490 000	2 284 058	1 320 000
24	- products	72 280	110 000	141 312	120 000	213 592	230 000
25	- whole maize	544 371	720 000	1 526 095	370 000	2 070 466	1 090 000
26	Total Demand	6 939 999	6 199 000	6 264 038	6 279 000	13 204 037	12 478 000
27	Closing Stock (30 Apr)	1 798 998	1 027 340	864 088	508 653	2 663 086	1 535 993
28	- processed p/month	523 610	444 250	367 305	470 083	890 915	914 333
29	- months' stock	3,4	2,3	2,4	1,1	3,0	1,7
30	- days' stock	105	70	72	33	91	51

**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.*

Appendix 2: Detailed S & D table for Sorghum – January 2020

		Sweet Sorghum	
	Marketing season	Final for 2018/19	Projection for 2019/20
		tons	tons
1	CEC (Crop Estimate)	65 150	90 575
2	CEC Retentions	300	400
3	Available for the commercial market	64 850	90 175

4	SUPPLY		
5	Opening stock (1 Mch)	31 211	34 954
6	Prod deliveries	64 887	90 175
7	Imports for South Africa	43 620	51 500
8	Surplus	2 955	1 400
9	Total Supply	142 673	178 029

10	DEMAND		
11	Processed	99 131	120 900
12	- Indoor malting	618	300
13	- Floor malting	10 569	16 000
14	- Meal, rice & grits	79 316	96 000
15	- Pet food	850	600
16	- Poultry feed	5 615	6 200
17	- Livestock feed	2 163	1 800

		Bitter Sorghum	
	Marketing season	Final for 2018/19	Projection for 2019/20
		tons	tons
		49 850	40 300
		150	100
		49 700	40 200
		28 035	16 906
		50 507	40 200
		2 119	0
		0	150
		80 661	57 256
		55 613	47 403
		9 121	9 650
		36 044	34 300
		8 399	2 500
		0	3
		985	700
		1 064	250

		Total Sorghum	
	Marketing season	Final for 2018/19	Projection for 2019/20
		tons	tons
		115 000	130 875
		450	500
		114 550	130 375
		59 246	51 860
		115 394	130 375
		45 739	51 500
		2 955	1 550
		223 334	235 285
		154 744	168 303
		9 739	9 950
		46 613	50 300
		87 715	98 500
		850	603
		6 600	6 900
		3 227	2 050

		Sweet Sorghum	
	Marketing season	Final for 2018/19	Projection for 2019/20
		tons	tons
18	Bio-fuel	0	0
19	Withdrawn by prod	644	700
20	Released to end-cons	740	600
21	Net receipts(-)/disp(+)	383	500
22	Deficit	0	0
23	Exports	6 821	5 000
24	Total Demand	107 719	127 700

		Bitter Sorghum	
	Marketing season	Final for 2018/19	Projection for 2019/20
		tons	tons
		0	0
		388	400
		26	60
		500	150
		4 567	0
		2 661	1 650
		63 755	49 663

		Total Sorghum	
	Marketing season	Final for 2018/19	Projection for 2019/20
		tons	tons
		0	0
		1 032	1 100
		766	660
		883	650
		4 567	0
		9 482	6 650
		171 474	177 363

25	Ending Stock (28/29 Feb)	34 954	50 329
26	- processed p/month	8 261	10 075
27	- months' stock	4,2	5,0
28	- days' stock	129	152

		16 906	7 593
		4 634	3 950
		3,6	1,9
		111	58

		51 860	57 922
		12 895	14 025
		4,0	4,1
		122	126

Appendix 3: Detailed S & D table for Wheat - January 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	3 273 000
11	- human	3 251 410	3 270 000
12	- animal	3 246	3 000
13	- gristing	0	0
14	Withdrawn by producers	941	2 000
15	Released to end-consumers	2 186	2 100
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	85 000
20	- products	20 932	15 000
21	- whole wheat	108 257	70 000
22	Total Demand	3 409 717	3 386 300
23	Closing Stock (30 Sep)	539 079	447 454
24	- processed p/month	271 221	272 750
25	- months' stock	2,0	1,6
26	- days' stock	60	50

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

		Sunflower Seed	
	Marketing season	Final for 2018/19	Projection for 2019/20
		tons	tons
1	CEC (Crop Estimate)	862 000	680 940
2	SUPPLY		
3	Opening stock (1 Mch)	154 841	120 165
4	Prod deliveries	863 184	680 940
5	Imports for South Africa	1 324	500
6	Surplus	6 863	4 300
7	Total Supply	1 026 212	805 905
8	DEMAND		
9	Processed	900 045	707 100
10	- human	1 609	1 500
11	- animal	5 114	5 600
12	- crush (oil & oilcake)	893 322	700 000
13	Withdrawn by producers	519	750
14	Released to end-consumers	1 764	1 050
15	Seed for planting purposes	3 582	2 500
16	Net receipts(-)/disp(+)	-378	1 300
17	Deficit	0	0
18	Exports	515	570
19	Total Demand	906 047	713 270
20	Ending Stock (28/29 Feb)	120 165	92 635
21	- processed p/month	75 004	58 925
22	- months' stock	1,6	1,6
23	- days' stock	49	48

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

		Soybeans	
	Marketing season	Final for 2018/19	Projection for 2019/20
		tons	tons
1	CEC (Crop Estimate)	1 540 000	1 170 345
2	Retention	0	30 000
3	SUPPLY		
4	Opening stock (1 Mch)	330 535	502 241
5	Prod deliveries	1 502 976	1 140 345
6	Imports for South Africa	6 945	65 000
7	Surplus	4 497	2 500
8	Total Supply	1 844 953	1 710 086
9	DEMAND		
10	Processed	1 298 544	1 410 000
11	- human	25 005	25 000
12	- animal feed (full fat soya)	218 973	205 000
13	- crush (oil/oilcake)	1 054 566	1 180 000
14	Withdrawn by producers	567	750
15	Released to end-consumers	431	450
16	Seed for planting purposes	10 599	7 800
17	Net receipts(-)/disp(+)	-239	1 000
18	Deficit	0	0
19	Exports	32 810	4 500
20	Total Demand	1 342 712	1 424 500
21	Closing Stock (28/29 Feb)	502 241	285 586
22	- processed p/month	108 212	117 500
23	- months' stock	4,6	2,4
24	- days stock	141	74

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