



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 March 2019 Report

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

SASDE – 70th meeting, 29th of March 2019

THE SOUTH AFRICAN SUPPLY AND DEMAND PROJECTIONS FOR GRAINS AND OILSEEDS FOR
MARCH 2019 ARE AS FOLLOWS:

WHITE MAIZE (2018/19 Season)

Supply: The total supply of white maize is projected at 8 774 784 tons for the 2018/19 marketing season. This includes an opening stock level (at 1 May 2018) of 2 428 653 tons and local commercial deliveries of 6 340 000 tons. No whole white maize imports are estimated for the current season, with early deliveries of 2 631 tons and a surplus of 3 500 tons.

Demand: The total demand (domestic plus exports) for white maize is projected at 6 966 200 tons. The total domestic demand is projected at 6 358 200 tons. This includes 4 600 000 tons processed for human consumption, 1 700 000 tons processed for animal and industrial consumption, 12 200 tons for gristing, 18 000 tons withdrawn by producers, 23 000 tons released to end-consumers and a balancing figure of 5 000 tons (net receipts and net dispatches). A projected export quantity of 68 000 tons of processed products and 540 000 tons of white whole maize are estimated for exports for the 2018/19 marketing season.

Stock levels: The projected closing stock level at 30 April 2019 is estimated at 1 808 584 tons. At an average processed quantity of 526 017 tons per month, this represent available stock levels for 3.4 months or 105 days.

WHITE MAIZE (2019/20 Season)

Supply: The total supply of white maize is projected at 6 904 124 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 May 2019) of 1 808 584 tons and local commercial deliveries of 5 060 540 tons. No whole white maize imports are estimated for the current season, with early deliveries of 30 000 tons and a surplus of 5 000 tons.

Demand: The total demand (domestic plus exports) for white maize is projected at 6 171 000 tons. The total domestic demand is projected at 5 551 000 tons. This includes 4 670 000 tons processed for human consumption, 820 000 tons processed for animal and industrial consumption, 12 000 tons for gristing, 20 000 tons withdrawn by producers, 25 000 tons released to end-consumers and a balancing figure of 4 000 tons (net receipts and net dispatches). A projected export quantity of 70 000 tons of processed products and 550 000 tons of white whole maize are estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 30 April 2020 is estimated at 733 124 tons. At an average processed quantity of 458 500 tons per month, this represent available stock levels for 1.6 months or 49 days.

YELLOW MAIZE (2018/19 Season)

Supply: The total supply of yellow maize is projected at 7 291 275 tons for the 2018/19 marketing season. This includes an opening stock (at 1 May 2018) of 1 260 823 tons and local commercial deliveries of 5 620 000 tons. Yellow maize imports of 171 000 tons are estimated for the current season, with early deliveries of 227 452 tons and a surplus of 12 000 tons.

Demand: The total demand (domestic plus exports) for yellow maize is projected at 6 057 000 tons. The total domestic demand is projected at 4 392 000 tons. This includes 540 000 tons processed for human consumption, 3 650 000 tons processed for animal and industrial consumption, 12 000 tons for gristing, 50 000 tons withdrawn by producers, 135 000 tons released to end-consumers and a balancing figure of 5 000 tons (net receipts and net dispatches). A projected export quantity of 145 000 tons of processed products and 1 520 000 tons of yellow whole maize are estimated for exports for the 2018/19 marketing season.

Stock levels: The projected closing stock level at 30 April 2019 is estimated at 1 234 275 tons. At an average processed quantity of 350 167 tons per month, this represent available stock levels for 3.5 months or 107 days.

YELLOW MAIZE (2019/20 Season)

Supply: The total supply of yellow maize is projected at 6 484 445 tons for the 2019/20 marketing season. This includes an opening stock (at 1 May 2019) of 1 234 275 tons and local commercial deliveries of 4 990 170 tons. Yellow maize imports of 250 000 tons are estimated for the current season, with no early deliveries and a surplus of 10 000 tons.

Demand: The total demand (domestic plus exports) for yellow maize is projected at 5 761 500 tons. The total domestic demand is projected at 5 311 500 tons. This includes 545 000 tons processed for human consumption, 4 560 000 tons processed for animal and industrial consumption, 11 500 tons for gristing, 50 000 tons withdrawn by producers, 135 000 tons released to end-consumers and a balancing figure of 10 000 tons (net receipts and net dispatches). A projected export quantity of 150 000 tons of processed products and 300 000 tons of yellow whole maize are estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 30 April 2020 is estimated at 722 945 tons. At an average processed quantity of 426 375 tons per month, this represent available stock levels for 1.7 months or 52 days.

TOTAL MAIZE (2018/19 Season)

Supply: The total supply of maize is projected at 16 066 059 tons for the 2018/19 marketing season. This includes an opening stock (at 1 May 2018) of 3 689 476 tons and local commercial deliveries of 11 960

000 tons. Whole maize imports of 171 000 tons are estimated, with early deliveries of 230 083 tons and a surplus of 15 500 tons.

Demand: The total demand (domestic plus exports) for maize is projected at 13 023 200 tons. The total domestic demand is projected at 10 750 200 tons. This includes 5 140 000 tons processed for human consumption, 5 350 000 tons processed for animal and industrial consumption, 24 200 tons for gristing, 68 000 tons withdrawn by producers, 158 000 tons released to end-consumers and a balancing figure of 10 000 tons (net receipts and net dispatches). A projected export quantity of 213 000 tons of processed products and 2 060 000 tons of total whole maize is estimated for exports for the 2018/19 marketing season.

Stock levels: The projected closing stock level at 30 April 2019 is estimated at 3 042 859 tons. At an average processed quantity of 876 183 tons per month, this represents available stock levels for 3.5 months or 106 days.

TOTAL MAIZE (2019/20 Season)

Supply: The total supply of maize is projected at 13 388 569 tons for the 2019/20 marketing season. This includes an opening stock (at 1 May 2019) of 3 042 859 tons and local commercial deliveries of 10 050 710 tons. Whole maize imports of 250 000 tons are estimated, with early deliveries of 30 000 tons and a surplus of 15 000 tons.

Demand: The total demand (domestic plus exports) for maize is projected at 11 932 500 tons. The total domestic demand is projected at 10 862 500 tons. This includes 5 215 000 tons processed for human consumption, 5 380 000 tons processed for animal and industrial consumption, 23 500 tons for gristing, 70 000 tons withdrawn by producers, 160 000 tons released to end-consumers and a balancing figure of 14 000 tons (net receipts and net dispatches). A projected export quantity of 220 000 tons of processed products and 850 000 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 1 456 069 tons. At an average processed quantity of 884 875 tons per month, this represents available stock levels for 1.6 months or 50 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 174 804 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 March 2019) of 34 563 tons, local commercial deliveries of 138 741 tons, no imports for South Africa and a sweet sorghum surplus of 1 500 tons.

Demand: The total demand (domestic plus exports) for sweet sorghum is projected at 139 100 tons. This includes 3 000 tons for indoor malting, 24 000 tons for floor malting, 90 000 tons for meal, rice and grits, 9 700 tons for feed, 900 tons withdrawn by producers, 1 000 tons released to end consumers, and a balancing figure of 500 tons (net receipts and net dispatches). A projected export quantity of 10 000 tons of sweet sorghum is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 28 February 2020 is estimated at 35 704 tons. At an average processed quantity of 10 558 tons per month, this represent available stock levels for 3.4 months or 103 days.

BITTER SORGHUM (2019/20 Season)

Supply: The total supply of bitter sorghum is projected 41 673 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 March 2019) of 17 014 tons, local commercial deliveries of 24 159 tons, no bitter sorghum imports and a surplus of 500 tons for South Africa.

Demand: The total demand (domestic plus exports) for bitter sorghum is projected at 34 900 tons. This includes 8 000 tons for indoor malting, 23 000 tons for floor malting, 2 000 tons for meal, rice and grits, 1 300 tons for feed, 400 tons withdrawn by producers, 50 tons released to end consumers, a balancing figure of 150 tons (net receipts and net dispatches) with no deficit. No bitter sorghum exports are estimated for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 28 February 2020 is estimated at 6 773 tons. At an average processed quantity of 2 858 tons per month, this represent available stock levels for 2.4 months or 72 days.

TOTAL SORGHUM (2019/20 Season)

Supply: The total supply of sorghum is projected at 216 477 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 March 2019) of 51 577 tons, local commercial deliveries of 162 900 tons, no sorghum imports for South Africa with a surplus of 2 000 tons.

Demand: The total demand (domestic plus exports) for sorghum is projected at 174 000 tons. This includes 11 000 tons for indoor malting, 47 000 tons for floor malting, 92 000 tons for meal, rice and grits, 11 000 tons for feed, 1 300 tons withdrawn by producers, 1 050 tons released to end consumers, a balancing figure of 650 tons (net receipts and net dispatches) with no deficit. A projected export quantity of 10 000 tons of sorghum is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 28 February 2020 is estimated at 42 477 tons. At an average processed quantity of 13 417 tons per month, this represent available stock levels for 3.2 months or 96 days.

See Appendix 2 for detailed S&D table.

WHEAT (2018/19 Season)

Supply: The total supply of wheat is projected at 3 935 584 tons for the 2018/19 marketing season. This includes an opening stock level (at 1 October 2018) of 721 534 tons, local commercial deliveries of 1 806 050 tons, whole wheat imports estimated for South Africa of 1 400 000 tons and a surplus of 8 000 tons.

Demand: The total demand (domestic plus exports) for wheat is projected at 3 445 500 tons. This includes 3 300 000 tons processed for human consumption, 3 000 tons processed for animal consumption, 1 000 tons withdrawn by producers, 2 500 tons released to end consumers, 19 000 tons projected seed for planting purposes and a balancing figure of 5 000 tons (net receipts and net dispatches). A projected export quantity of 40 000 tons processed products and 75 000 tons whole wheat are estimated for the 2018/19 marketing season.

Stock levels: The projected closing stock level at 30 September 2019 is estimated at 490 084 tons. At an average processed quantity of 275 250 tons per month, this represent available stock levels for 1.8 months or 54 days.

See Appendix 3 for detailed S&D table.

SUNFLOWER SEED (2019/20 Season)

Supply: The total supply of sunflower seed is projected at 784 948 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 March 2019) of 119 358 tons, local commercial deliveries of 563 590 tons, sunflower seed imports of 95 000 tons for South Africa and a surplus of 7 000 tons.

Demand: The total demand (domestic plus exports) for sunflower seed is projected at 735 800 tons. This includes 1 600 tons processed for human consumption, 6 000 tons processed for animal consumption, 720 000 tons for crush (oil and oilcake), 500 tons withdrawn by producers, 2 000 tons released to end consumers, 3 100 tons seed for planting purposes and a balancing figure of 2 100 tons (net receipts and net dispatches). A quantity of 500 tons for exports is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 28 February 2020 is estimated at 49 148 tons. At an average processed quantity of 60 633 tons per month, this represents available stock levels for 0.8 months or 25 days.

See Appendix 4 for detailed S&D table.

SOYBEANS (2019/20 Season)

Supply: The total supply of soybeans is projected at 1 764 702 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 March 2019) of 501 667 tons, local commercial deliveries of 1 246 035 tons, soybean import of 7 000 tons for South Africa and a surplus of 10 000 tons.

Demand: The total demand (domestic plus exports) for soybeans is projected at 1 471 050 tons. This includes 25 500 tons processed for human consumption, 230 000 tons processed for animal (full fat) consumption, 1 200 000 tons for crush (oil and oilcake), 600 tons withdrawn by producers, 450 tons released to end consumers, 11 000 tons seed for planting purposes, and a balancing figure of 500 tons (net receipts and net dispatches). A quantity of 3 000 tons soybeans is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 28 February 2020 is estimated at 293 652 tons. At an average processed quantity of 121 292 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 April 2019 SASDE Report will be released on the 3rd of May 2019.

Appendix 1: Detailed S & D table for White, Yellow and Total Maize: March 2019

		White Maize		
	Marketing season	Final for 2017/18	Projection for 2018/19	Projection for 2019/20
		tons	tons	tons
1	CEC (Crop Estimate)	9,916,000	6,540,000	5,220,540
2	CEC (Retention)	0	200,000	160,000
3	Min: Early deliveries for current season (Mar+Apr)**	0	117,369	120,000
4	Plus: Early deliveries for next season (Mar + Apr)**	0	120,000	150,000
5	Available for the commercial market	9,916,000	6,342,631	5,090,540

6	SUPPLY			
7	Opening stock (1 May)	597,837	2,428,653	1,808,584
8	Producer deliveries	9,268,593	6,340,000	5,060,540
9	Imports for South Africa	0	0	0
10	Early deliveries (Net)*	0	2,631	30,000
11	Surplus	21,751	3,500	5,000
12	Total Supply	9,888,181	8,774,784	6,904,124

13	DEMAND			
14	Processed for the local market	6,533,966	6,312,200	5,502,000
15	- human	4,459,504	4,600,000	4,670,000
16	- animal and industrial	2,061,649	1,700,000	820,000
17	- gristing	12,813	12,200	12,000
18	Withdrawn by prod	35,885	18,000	20,000
19	Released to end-cons	30,125	23,000	25,000
20	Net receipts(-)/disp(+)	7,583	5,000	4,000
21	Deficit	0	0	0
22	Local demand	6,607,559	6,358,200	5,551,000
23	Exports	851,969	608,000	620,000
24	- products	42,038	68,000	70,000
25	- whole maize	809,931	540,000	550,000
26	Total Demand	7,459,528	6,966,200	6,171,000

27	Closing Stock (30 Apr)	2,428,653	1,808,584	733,124
28	- processed p/month	544,497	526,017	458,500
29	- months' stock	4.5	3.4	1.6
30	- days' stock	136	105	49

Yellow Maize		
Final for 2017/18	Projection for 2018/19	Projection for 2019/20
tons	tons	tons
6,904,000	5,970,000	5,340,170
0	350,000	350,000
0	122,548	350,000
0	350,000	350,000
6,904,000	5,847,452	4,990,170

496,801	1,260,823	1,234,275
6,360,089	5,620,000	4,990,170
0	171,000	250,000
0	227,452	0
24,906	12,000	10,000
6,881,796	7,291,275	6,484,445

3,765,714	4,202,000	5,116,500
533,972	540,000	545,000
3,214,798	3,650,000	4,560,000
16,944	12,000	11,500
67,021	50,000	50,000
150,419	135,000	135,000
8,080	5,000	10,000
0	0	0
3,991,234	4,392,000	5,311,500
1,629,739	1,665,000	450,000
150,836	145,000	150,000
1,478,903	1,520,000	300,000
5,620,973	6,057,000	5,761,500

1,260,823	1,234,275	722,945
313,810	350,167	426,375
4.0	3.5	1.7
122	107	52

Total Maize		
Final for 2017/18	Projection for 2018/19	Projection for 2019/20
tons	tons	tons
16,820,000	12,510,000	10,560,710
0	550,000	510,000
0	239,917	470,000
0	470,000	500,000
16,820,000	12,190,083	10,080,710

1,094,638	3,689,476	3,042,859
15,628,682	11,960,000	10,050,710
0	171,000	250,000
0	230,083	30,000
46,657	15,500	15,000
16,769,977	16,066,059	13,388,569

10,299,680	10,514,200	10,618,500
4,993,476	5,140,000	5,215,000
5,276,447	5,350,000	5,380,000
29,757	24,200	23,500
102,906	68,000	70,000
180,544	158,000	160,000
15,663	10,000	14,000
0	0	0
10,598,793	10,750,200	10,862,500
2,481,708	2,273,000	1,070,000
192,874	213,000	220,000
2,288,834	2,060,000	850,000
13,080,501	13,023,200	11,932,500

3,689,476	3,042,859	1,456,069
858,307	876,183	884,875
4.3	3.5	1.6
131	106	50

*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 2019, are included in the 2019/20 seasons' estimate (As per CEC estimates).

Appendix 2: Detailed S & D table for Sorghum: March 2019

		Sweet Sorghum	
	Marketing season	Preliminary final for 2018/19	Projection for 2019/20
		tons	tons
1	CEC (Crop Estimate)	65,150	139,141
2	CEC Retentions	300	400
3	Available for the commercial market	64,850	138,741

4 SUPPLY			
5	Opening stock (1 Mch)	31,211	34,563
6	Prod deliveries	65,125	138,741
7	Imports for South Africa	43,462	0
8	Surplus	3,065	1,500
9	Total Supply	142,863	174,804

10 DEMAND			
11	Processed	99,254	126,700
12	- Indoor malting	618	3,000
13	- Floor malting	10,615	24,000
14	- Meal, rice & grits	79,337	90,000
15	- Pet Food	850	900
16	- Poultry feed	5,615	5,800
17	- Livestock feed	2,219	3,000
18	Bio-fuel	0	0
19	Withdrawn by prod	644	900
20	Released to end-cons	740	1,000
21	Net receipts(-)/disp(+)	841	500
22	Deficit	0	0
23	Exports	6,821	10,000
24	Total Demand	108,300	139,100

25	Ending Stock (28/29 Feb)	34,563	35,704
26	- processed p/month	8,271	10,558
27	- months' stock	4.2	3.4
28	- days' stock	127	103

		Bitter Sorghum	
	Marketing season	Preliminary final for 2018/19	Projection for 2019/20
		tons	tons
		49,850	24,259
		150	100
		49,700	24,159

		28,035	17,014
		50,059	24,159
		2,119	0
		0	500
		80,213	41,673

		55,603	34,300
		9,121	8,000
		36,036	23,000
		8,397	2,000
		0	0
		985	800
		1,064	500
		0	0
		388	400
		26	50
		-46	150
		4,567	0
		2,661	0
		63,199	34,900

		17,014	6,773
		4,634	2,858
		3.7	2.4
		112	72

		Total Sorghum	
	Marketing season	Preliminary final for 2018/19	Projection for 2019/20
		tons	tons
		115,000	163,400
		450	500
		114,550	162,900

		59,246	51,577
		115,184	162,900
		45,581	0
		3,065	2,000
		223,076	216,477

		154,857	161,000
		9,739	11,000
		46,651	47,000
		87,734	92,000
		850	900
		6,600	6,600
		3,283	3,500
		0	0
		1,032	1,300
		766	1,050
		795	650
		4,567	0
		9,482	10,000
		171,499	174,000

		51,577	42,477
		12,905	13,417
		4.0	3.2
		122	96

Appendix 3: Detailed S & D table for Wheat: March 2019

		Wheat	
	Marketing season	Final for 2017/18	Projection for 2018/19
		tons	tons
1	CEC (Crop Estimate)	1,535,000	1,841,050
2	CEC (Retention)	30,000	35,000
3	SUPPLY		
4	Opening stock (1 Oct)	341,424	721,534
5	Prod deliveries	1,547,486	1,806,050
6	Imports for South Africa	2,175,086	1,400,000
7	Surplus	5,763	8,000
8	Total Supply	4,069,759	3,935,584
9	DEMAND		
10	Processed	3,210,734	3,303,000
11	- human	3,207,542	3,300,000
12	- animal	3,192	3,000
13	- gristing	0	0
14	Withdrawn by producers	1,102	1,000
15	Released to end-consumers	2,013	2,500
16	Seed for planting purposes	18,237	19,000
17	Net receipts(-)/disp(+)	3,457	5,000
18	Deficit	0	0
19	Exports	109,609	115,000
20	- products	34,028	40,000
21	- whole wheat	75,581	75,000
22	Total Demand	3,345,152	3,445,500
23	Closing Stock (30 Sep)	724,607	490,084
24	- processed p/month	267,561	275,250
25	- months' stock	2.7	1.8
26	- days' stock	82	54

Appendix 4: Detailed S & D table for Sunflower Seed: March 2019

		Sunflower Seed	
	Marketing season	Preliminary final for 2018/19	Projection for 2019/20
		tons	tons
1	CEC (Crop Estimate)	862,000	563,590
2	SUPPLY		
3	Opening stock (1 Mch)	154,841	119,358
4	Prod deliveries	863,184	563,590
5	Imports for South Africa	1,324	95,000
6	Surplus	6,863	7,000
7	Total Supply	1,026,212	784,948
8	DEMAND		
9	Processed	900,038	727,600
10	- human	1,609	1,600
11	- animal	5,107	6,000
12	- crush (oil and oilcake)	893,322	720,000
13	Withdrawn by producers	519	500
14	Released to end-consumers	1,772	2,000
15	Seed for planting purposes	3,582	3,100
16	Net receipts(-)/disp(+)	428	2,100
17	Deficit	0	0
18	Exports	515	500
19	Total Demand	906,854	735,800
20	Ending Stock (28/29 Feb)	119,358	49,148
21	- processed p/month	75,003	60,633
22	- months' stock	1.6	0.8
23	- days' stock	48	25

Appendix 5: Detailed S & D table for Soybeans: March 2019

		Soybeans	
	Marketing season	Preliminary final for 2018/19	Projection for 2019/20
		tons	tons
1	CEC (Crop Estimate)	1,540,000	1,276,035
2	Retention	0	30,000

3	SUPPLY		
4	Opening stock (1 Mch)	330,535	501,667
5	Prod deliveries	1,502,976	1,246,035
6	Imports for South Africa	6,945	7,000
7	Surplus	14,427	10,000
8	Total Supply	1,854,883	1,764,702

9	DEMAND		
10	Processed	1,308,655	1,455,500
11	- human	25,005	25,500
12	- animal feed (full fat soya)	219,187	230,000
13	- crush (oil/oilcake)	1,064,463	1,200,000
14	Withdrawn by producers	567	600
15	Released to end-consumers	431	450
16	Seed for planting purposes	10,599	11,000
17	Net receipts(-)/disp(+)	154	500
18	Deficit	0	0
19	Exports	32,810	3,000
20	Total Demand	1,353,216	1,471,050

21	Closing Stock (28/29 Feb)	501,667	293,652
22	- processed p/month	109,055	121,292
23	- months' stock	4.6	2.4
24	- days stock	140	74

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