



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 December 2020 Report

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

SASDE – 91th meeting held on 12 January 2021

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

WHITE MAIZE (2020/21 New Season)

Supply: The total supply of white maize is projected at 8 893 033 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 8 396 310 tons. No whole white maize imports are estimated for the new season, early deliveries of negative 18 759 tons and a surplus of 4 000 tons.

Demand: The total demand (domestic plus exports) for white maize is projected at 7 770 500 tons. The total domestic demand is projected at 6 640 500 tons. This includes 5 200 000 tons processed for human consumption, 1 400 000 tons processed for animal and industrial consumption, 11 500 tons for gristing, 13 000 tons withdrawn by producers, 13 000 tons released to end-consumers and a balancing figure of 4 000 tons (net receipts and net dispatches). A projected export quantity of 170 000 tons of processed products and 960 000 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 1 260 000 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 1 122 533 tons. At an average processed quantity of 550 958 tons per month, this represent available stock levels for 2.0 months or 62 days.

YELLOW MAIZE (2020/21 New Season)

Supply: The total supply of yellow maize is projected at 6 878 516 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 6 341 870 tons. No yellow maize imports estimated for the new season, no early deliveries and a surplus of 10 000 tons.

Demand: The total demand (domestic plus exports) for yellow maize is projected at 6 292 500 tons. The total domestic demand is projected at 4 842 500 tons. This includes 620 000 tons processed for human consumption, 4 100 000 tons processed for animal and industrial consumption, 6 500 tons for gristing, 38

000 tons withdrawn by producers, 70 000 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 1 330 000 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 586 016 tons. At an average processed quantity of 393 875 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 15 771 549 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 14 738 180 tons. No whole maize imports are estimated, early deliveries of 18 768 tons and a surplus of 14 000 tons.

Demand: The total demand (domestic plus exports) for maize is projected at 14 063 000 tons. The total domestic demand is projected at 11 483 000 tons. This includes 5 820 000 tons processed for human consumption, 5 500 000 tons processed for animal and industrial consumption, 18 000 tons for gristing, 51 000 tons withdrawn by producers, 82 000 tons released to end-consumers and a balancing figure of 12 000 tons (net receipts and net dispatches). A projected export quantity of 290 000 tons of processed products and 2 290 000 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 1 260 000 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 1 708 549 tons. At an average processed quantity of 944 833 tons per month, this represents available stock levels for 1.8 months or 55 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 140 063 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 83 300 tons, imports of 3 000 tons for South Africa and a sweet sorghum surplus of 600 tons.

Demand: The total demand (domestic plus exports) for sweet sorghum is projected at 127 650 tons. This includes 2 200 tons for indoor malting, 10 800 tons for floor malting, 98 000 tons for meal, rice and grits, 10050 tons for feed, 650 tons withdrawn by producers, 550 tons released to end consumers, and a balancing figure of 900 tons (net receipts and net dispatches). A projected export quantity of 4 500 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 12 413 tons. At an average processed quantity of 10 088 tons per month, this represent available stock levels for 1.2 months or 37 days.

BITTER SORGHUM (2020/21 New Season)

Supply: The total supply of bitter sorghum is projected 79 520 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 70 760 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 50 565 tons. This includes 7 500 tons for indoor malting, 37 000 tons for floor malting, 2 200 tons for meal, rice and grits, 865 tons for feed, 1 000 tons withdrawn by producers, 150 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 1 700 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 28 955 tons. At an average processed quantity of 3 964 tons per month, this represent available stock levels for 7.3 months or 222 days.

TOTAL SORGHUM (2020/21 New Season)

Supply: The total supply of sorghum is projected at 219 583 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 155 060 tons, sorghum imports of 3 000 tons for South Africa with a surplus of 1 100 tons.

Demand: The total demand (domestic plus exports) for sorghum is projected at 178 215 tons. This includes 9 700 tons for indoor malting, 47 800 tons for floor malting, 100 200 tons for meal, rice and grits, 10 915 tons for feed, 650 tons withdrawn by producers, 700 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 6 200 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 41 368 tons. At an average processed quantity of 14 051 tons per month, this represent available stock levels for 2.9 months or 90 days.

See Appendix 2 for detailed S&D table.

WHEAT (2020/21 New Season)

Supply: The total supply of wheat is projected at 4 023 808 tons for the 2020/21 marketing season. This includes an opening stock level (at 1 October 2020) of 364 908 tons, local commercial deliveries of 2 109 900 tons, whole wheat imports estimated for South Africa of 1 540 000 tons and a surplus of 9 000 tons.

Demand: The total demand (domestic plus exports) for wheat is projected at 3 618 600 tons. This includes 3 450 000 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, 18 000 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 2020/21 marketing season.

Stock levels: The projected closing stock level at 30 September 2021 is estimated at 405 208 tons. At an average processed quantity of 287 750 tons per month, this represent available stock levels for 1.4 months or 43 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 926 635 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 400 tons for South Africa and a surplus of 5 000 tons.

Demand: The total demand (domestic plus exports) for sunflower seed is projected at 854 650 tons. This includes 1 700 tons processed for human consumption, 5 650 tons processed for animal consumption, 840 000 tons for crush (oil and oilcake), 650 tons withdrawn by producers, 1 100 tons released to end consumers, 3 750 tons seed for planting purposes and a balancing figure of 1 300 tons (net receipts and net dispatches). A quantity of 500 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 71 985 tons. At an average processed quantity of 70 613 tons per month, this represents available stock levels for 1.0 months or 31 days.

See Appendix 4 for detailed S&D table.

SOYBEANS (2020/21 New Season)

Supply: The total supply of soybeans is projected at 1 503 955 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 1 212 500 tons, soybean imports of 150 000 tons for South Africa and a surplus of 3 000 tons.

Demand: The total demand (domestic plus exports) for soybeans is projected at 1 376 350 tons. This includes 25 000 tons processed for human consumption, 150 000 tons processed for animal (full fat) feed, 1 190 000 tons for crush (oil and oilcake), 800 tons withdrawn by producers, 600 tons released to end consumers, 7 750 tons seed for planting purposes, and a balancing figure of 1 200 tons (net receipts and net dispatches). A quantity of 1 000 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 127 605 tons. At an average processed quantity of 113 750 tons per month, this represents available stock levels for 1.1 months or 34 days.

See Appendix 5 for detailed S&D table.

PLEASE NOTE: The January 2021 SASDE Report will be released on the 29th of **January 2021**.

Appendix 1: Detailed S & D table for White, Yellow and Total Maize – December 2021

		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	8 666 310	5 730 000	6 741 870	11 275 000	15 408 180
2	CEC (Retention)	160 000	270 000	354 000	400 000	514 000	670 000
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	150 000	205 000	216 500	335 000	366 500
5	Available for the commercial market	5 429 102	8 415 069	5 399 955	6 341 879	10 829 057	14 756 948
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	8 396 310	5 444 579	6 341 870	10 887 053	14 738 180
9	Imports	0	0	509 684	0	509 684	0
10	Early deliveries (Net)*	0	18 759	0	9	0	18 768
11	Surplus	0	4 000	27 941	10 000	22 336	14 000
12	Total Supply	7 241 472	8 893 033	6 846 292	6 878 516	14 082 159	15 771 549
13	DEMAND						
14	Processed for the local market	5 449 415	6 611 500	5 656 997	4 726 500	11 106 412	11 338 000
15	- human	4 809 569	5 200 000	578 003	620 000	5 387 572	5 820 000
16	- animal and industrial	629 076	1 400 000	5 069 241	4 100 000	5 698 317	5 500 000
17	- gristing	10 770	11 500	9 753	6 500	20 523	18 000
18	Withdrawn by producers	13 111	13 000	43 993	38 000	57 104	51 000
19	Released to end-consumers	17 649	12 000	82 166	70 000	99 815	82 000
20	Net receipts(-)/disp(+)	6 282	4 000	2 372	8 000	8 654	12 000
21	Deficit	5 605	0	0	0	0	0
22	Local demand	5 492 062	6 640 500	5 785 528	4 842 500	11 271 985	11 483 000
23	Exports	1 275 446	1 130 000	534 127	1 450 000	1 809 573	2 580 000
24	- products	236 537	170 000	124 275	120 000	360 812	290 000
25	- whole maize	1 038 909	960 000	409 852	1 330 000	1 448 761	2 290 000
26	Total Demand	6 767 508	7 770 500	6 319 655	6 292 500	13 081 558	14 063 000
27	Closing Stock (30 Apr)	473 964	1 122 533	526 637	586 016	1 000 601	1 708 549
28	- processed p/month	454 118	550 958	471 416	393 875	925 534	944 833
29	- months' stock	1,0	2,0	1,1	1,5	1,1	1,8
30	- days' stock	32	62	34	45	33	55

*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 – December 2021

	Marketing season	Sweet Sorghum	Sweet Sorghum	Bitter Sorghum	Bitter Sorghum	Total Sorghum	Total Sorghum
		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	84 700	38 750	70 860	127 000	155 560
2	CEC Retentions	700	400	300	100	1 000	500
3	Available for the commercial market	87 550	84 300	38 450	70 760	126 000	155 060
4	SUPPLY						
5	Opening stock (1 Mch)	34 954	52 163	16 906	8 260	51 860	60 423
6	Prod deliveries	86 134	84 300	37 791	70 760	123 925	155 060
7	Imports	59 253	3 000	0	0	59 253	3 000
8	Surplus	0	600	0	500	0	1 100
9	Total Supply	180 341	140 063	54 697	79 520	235 038	219 583
10	DEMAND						
11	Processed	120 976	121 050	43 154	47 565	164 130	168 615
12	- Indoor malting	301	2 200	9 223	7 500	9 524	9 700
13	- Floor malting	19 924	10 800	30 933	37 000	50 857	47 800
14	- Meal, rice & grits	92 059	98 000	2 227	2 200	94 286	100 200
15	- Pet Food	551	550	4	15	555	565
16	- Poultry feed	6 473	8 000	538	500	7 011	8 500
17	- Livestock feed	1 668	1 500	229	350	1 897	1 850
18	Bio-fuel	0	0	0	0	0	0
19	Withdrawn by producers	650	650	307	1 000	957	1 650
20	Released to end-consumers	549	550	64	150	613	700
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	4 500	2 101	1 700	7 643	6 200
24	Total Demand	128 178	127 650	46 437	50 565	174 615	178 215
25	Ending Stock (28/29 Feb)	52 163	12 413	8 260	28 955	60 423	41 368
26	- processed p/month	10 081	10 088	3 596	3 964	13 678	14 051
27	- months' stock	5,2	1,2	2,3	7,3	4,4	2,9
28	- days' stock	157	37	70	222	134	90

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

		Wheat	Wheat
	Marketing season	Final for 2019/20	Projection for 2020/21
			tons
1	CEC (Crop Estimate)	1 535 000	2 147 900
2	CEC (Retention)	0	38 000

3	SUPPLY		
4	Opening stock (1 Oct)	539 079	364 908
5	Prod deliveries*	1 513 300	2 109 900
6	Imports	1 889 868	1 540 000
7	Surplus	9 812	9 000
8	Total Supply	3 952 059	4 023 808

9	DEMAND		
10	Processed	3 437 768	3 453 000
11	- human	3 414 602	3 450 000
12	- animal	23 166	3 000
13	- gristing	0	0
14	Withdrawn by producers	1 767	1 300
15	Released to end-consumers	1 269	1 800
16	Seed for planting purposes	16 595	18 000
17	Net receipts(-)/disp(+)	4 410	4 500
18	Deficit	0	0
19	Exports	125 342	140 000
20	- products	40 875	35 000
21	- whole wheat	84 467	105 000
22	Total Demand	3 587 151	3 618 600

23	Closing Stock (30 Sep)	364 908	405 208
24	- processed p/month	286 481	287 750
25	- months' stock	1,3	1,4
26	- days' stock	39	43

Appendix 4: Detailed S & D table for Sunflower for December 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	400
6	Surplus	6 520	5 000
7	Total Supply	804 816	926 635
8	DEMAND		
9	Processed	664 027	847 350
10	- human	1 478	1 700
11	- animal	5 511	5 650
12	- crush (oil and oilcake)	657 038	840 000
13	Withdrawn by producers	783	650
14	Released to end-consumers	1 023	1 100
15	Seed for planting purposes	2 447	3 750
16	Net receipts(-)/disp(+)	635	1 300
17	Deficit	0	0
18	Exports	576	500
19	Total Demand	669 491	854 650
20	Ending Stock (28/29 Feb)	135 325	71 985
21	- processed p/month	55 336	70 613
22	- months' stock	2,4	1,0
23	- days' stock	74	31

Appendix 5: Detailed S & D table for Soybeans for December 2020

		Soybeans	Soybeans
	Marketing season	Final for 2019/20	Projection for 2020/21
		tons	tons
1	CEC (Crop Estimate)	1 170 345	1 245 500
2	Retention	0	33 000

3	SUPPLY		
4	Opening stock (1 Mar)	502 241	138 455
5	Prod deliveries	1 135 179	1 212 500
6	Imports	9 098	150 000
7	Surplus	0	3 000
8	Total Supply	1 646 518	1 503 955

9	DEMAND		
10	Processed	1 484 592	1 365 000
11	- human	23 759	25 000
12	- animal feed (full fat soya)	191 223	150 000
13	- crush (oil/oilcake)	1 269 610	1 190 000
14	Withdrawn by producers	676	800
15	Released to end-consumers	367	600
16	Seed for planting purposes	7 640	7 750
17	Net receipts(-)/disp(+)	1 355	1 200
18	Deficit	8 097	0
19	Exports	5 336	1 000
20	Total Demand	1 508 063	1 376 350

21	Closing Stock (28/29 Feb)	138 455	127 605
22	- processed p/month	123 716	113 750
23	- months' stock	1,1	1,1
24	- days stock	34	34

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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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- No member is allowed to discuss information with anyone other than a member of the S&DEC before the embargo time;
- 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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