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 *October 2020* Report

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

SASDE – 89th meeting held 30 October 2020

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

WHITE MAIZE (2020/21 New Season)

Supply: The total supply of white maize is projected at 8 957 033 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 8 476 310 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 7 749 500 tons. The total domestic demand is projected at 6 699 500 tons. This includes 5 150 000 tons processed for human consumption, 1 500 000 tons processed for animal and industrial consumption, 11 500 tons for gristing, 16 000 tons withdrawn by producers, 18 000 tons released to end-consumers and a balancing figure of 4 000 tons (net receipts and net dispatches).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 200 000 tons of processed products and 850 000 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 1 240 000 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 1 207 533 tons. At an average processed quantity of 555 125 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 6 820 547 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 6 273 910 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 6 141 000 tons. The total domestic demand is projected at 4 741 000 tons. This includes 600 000 tons processed for human consumption, 4 000 000 tons processed for animal and industrial consumption, 7 500 tons for gristing, 45 000 tons withdrawn by producers, 80 000 tons released to end-consumers and a balancing figure of 8 500 tons (net receipts and net dispatches). A projected export quantity of 100 000 tons of processed products and 1 300 000 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 1 410 000 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 679 547 tons. At an average processed quantity of 383 958 tons per month, this represent available stock levels for 1.8 months or 54 days.

TOTAL MAIZE (2020/21 New Season)

Supply: The total supply of maize is projected at 15 777 580 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 14 750 220 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 13 890 500 tons. The total domestic demand is projected at 11 440 500 tons. This includes 5 750 000 tons processed for human consumption, 5 500 000 tons processed for animal and industrial consumption, 19 000 tons for gristing, 61 000 tons withdrawn by producers, 98 000 tons released to end-consumers and a balancing figure of 12 500 tons (net receipts and net dispatches). A projected export quantity of 300 000 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 2 650 000 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 1 887 080 tons. At an average processed quantity of 939 083 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 140 663 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 83 100 tons, imports of 4 000 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 130 930 tons. This includes 1 600 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 9 733 tons. At an average processed quantity of 10 204 tons per month, this represent available stock levels for 1.0 months or 29 days.

BITTER SORGHUM (2020/21 New Season)

Supply: The total supply of bitter sorghum is projected 78 845 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 70 335 tons, no bitter sorghum imports and a surplus of 250 tons for South Africa.

Demand: The total demand (domestic plus exports) for bitter sorghum is projected at 45 685 tons. This includes 7 000 tons for indoor malting, 33 000 tons for floor malting, 2 000 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 33 160 tons. At an average processed quantity of 3 568 tons per month, this represent available stock levels for 9.3 months or 283 days.

TOTAL SORGHUM (2020/21 New Season)

Supply: The total supply of sorghum is projected at 219 508 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 153 435 tons, sorghum imports of 4 000 tons for South Africa with a surplus of 1 650 tons.

Demand: The total demand (domestic plus exports) for sorghum is projected at 176 615 tons. This includes 8 600 tons for indoor malting, 44 000 tons for floor malting, 102 000 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 42 893 tons. At an average processed quantity of 13 772 tons per month, this represent available stock levels for 3.1 months or 95 days.

See Appendix 2 for detailed S&D table.

WHEAT (2020/21 New Season)

Supply: The total supply of wheat is projected at 4 008 812 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 October 2020) of 362 822 tons, local commercial deliveries of 2 096 990 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 3 569 600 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 439 212 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 834 350 tons. This includes 1 700 tons processed for human consumption, 5 400 tons processed for animal consumption, 820 000 tons for crush (oil and oilcake), 650 tons withdrawn by producers, 1 100 tons released to end consumers, 3 650 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 92 385 tons. At an average processed quantity of 68 925 tons per month, this represents available stock levels for 1.3 months or 41 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 November 2020 SASDE Report will be released on the **30th** of **November 2020**.

Appendix 1: Detailed S & D table for White, Yellow and Total Maize – October 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	8 746 310	5 730 000	6 673 910	11 275 000	15 420 220
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	130 000	205 000	216 491	335 000	346 491
5	**Available for the commercial market**	**5 429 102**	**8 475 069**	**5 399 955**	**6 273 910**	**10 829 057**	**14 748 979**
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	8 476 310	5 444 579	6 273 910	10 887 053	14 750 220
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**	**8 957 033**	**6 846 292**	**6 820 547**	**14 082 159**	**15 777 580**
13	**DEMAND**						
14	**Processed for the local market**	**5 449 415**	**6 661 500**	**5 656 997**	**4 607 500**	**11 106 412**	**11 269 000**
15	- human	4 809 569	5 150 000	578 003	600 000	5 387 572	5 750 000
16	- animal and industrial	629 076	1 500 000	5 069 241	4 000 000	5 698 317	5 500 000
17	- gristing	10 770	11 500	9 753	7 500	20 523	19 000
18	Withdrawn by producers	13 111	16 000	43 993	45 000	57 104	61 000
19	Released to end-consumers	17 649	18 000	82 166	80 000	99 815	98 000
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**	**6 699 500**	**5 785 528**	**4 741 000**	**11 271 985**	**11 440 500**
23	**Exports**	**1 275 446**	**1 050 000**	**534 127**	**1 400 000**	**1 809 573**	**2 450 000**
24	- products	236 537	200 000	124 275	100 000	360 812	300 000
25	- whole maize	1 038 909	850 000	409 852	1 300 000	1 448 761	2 150 000
26	**Total Demand**	**6 767 508**	**7 749 500**	**6 319 655**	**6 141 000**	**13 081 558**	**13 890 500**
27	**Closing Stock (30 Apr)**	**473 964**	**1 207 533**	**526 637**	**679 547**	**1 000 601**	**1 887 080**
28	- processed p/month	454 118	555 125	471 416	383 958	925 534	939 083
29	- months' stock	1,0	2,2	1,1	1,8	1,1	2,0
30	**- days' stock**	**32**	**66**	**34**	**54**	**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 – October 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	83 500	38 750	70 435	127 000	153 935
2	CEC Retentions	700	400	300	100	1 000	500
3	**Available for the commercial market**	87 550	83 100	38 450	70 335	126 000	153 435
4	**SUPPLY**						
5	Opening stock (1 Mch)	34 954	52 163	16 906	8 260	51 860	60 423
6	Prod deliveries	86 134	83 100	37 791	70 335	123 925	153 435
7	Imports	59 253	4 000	0	0	59 253	4 000
8	Surplus	0	1 400	0	250	0	1 650
9	**Total Supply**	**180 341**	**140 663**	**54 697**	**78 845**	**235 038**	**219 508**
10	**DEMAND**						
11	**Processed**	**120 976**	**122 450**	**43 154**	**42 815**	**164 130**	**165 265**
12	- Indoor malting	301	1 600	9 223	7 000	9 524	8 600
13	- Floor malting	19 924	11 000	30 933	33 000	50 857	44 000
14	- Meal, rice & grits	92 059	100 000	2 227	2 000	94 286	102 000
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**	**130 930**	**46 437**	**45 685**	**174 615**	**176 615**
25	**Ending Stock (28/29 Feb)**	**52 163**	**9 733**	**8 260**	**33 160**	**60 423**	**42 893**
26	- processed p/month	10 081	10 204	3 596	3 568	13 678	13 772
27	- months' stock	5,2	1,0	2,3	9,3	4,4	3,1
28	**- days' stock**	**157**	**29**	**70**	**283**	**134**	**95**

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

		Wheat	Wheat
	Marketing season	**Pre-Final for 2019/20**	**Projection for 2020/21**
			tons
1	CEC (Crop Estimate)	1 535 000	2 134 990
2	CEC (Retention)	0	38 000
3	**SUPPLY**		
4	Opening stock (1 Oct)	539 079	362 822
5	Prod deliveries*	1 513 548	2 096 990
6	Imports	1 885 387	1 540 000
7	Surplus	9 812	9 000
8	**Total Supply**	**3 947 826**	**4 008 812**
9	**DEMAND**		
10	**Processed**	**3 438 090**	**3 403 000**
11	- human	3 414 761	3 400 000
12	- animal	23 329	3 000
13	- gristing	0	0
14	Withdrawn by producers	1 767	1 300
15	Released to end-consumers	1 358	1 800
16	Seed for planting purposes	16 595	19 000
17	Net receipts(-)/disp(+)	1 852	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**	**3 585 004**	**3 569 600**
23	**Closing Stock (30 Sep)**	**362 822**	**439 212**
24	- processed p/month	286 508	283 583
25	- months' stock	1,3	1,5
26	**- days' stock**	**39**	**47**

Appendix 4: Detailed S & D table for Sunflower for October 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**	**827 100**
10	- human	1 478	1 700
11	- animal	5 511	5 400
12	- crush (oil and oilcake)	657 038	820 000
13	Withdrawn by producers	783	650
14	Released to end-consumers	1 023	1 100
15	Seed for planting purposes	2 447	3 650
16	Net receipts(-)/disp(+)	635	1 300
17	Deficit	0	0
18	Exports	576	550
19	**Total Demand**	**669 491**	**834 350**
20	**Ending Stock (28/29 Feb)**	**135 325**	**92 385**
21	- processed p/month	55 336	68 925
22	- months' stock	2,4	1,3
23	**- days' stock**	**74**	**41**

Appendix 5: Detailed S & D table for Soybeans for October 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

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