



**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 fund the Grain and Oilseeds S&DE initiative.

South African Supply and Demand Estimates November 2016 Report

Grain & Oilseed Supply & Demand Estimates Committee (S&DEC)

SASDE – 41st MEETING HELD ON THE 29th OF NOVEMBER 2016

**THE SOUTH AFRICAN SUPPLY AND DEMAND PROJECTIONS FOR GRAINS AND OILSEEDS
FOR NOVEMBER 2016 ARE AS FOLLOWS:**

WHITE MAIZE (2016/17 Season)

Supply: The total supply of white maize is projected at 5 418 586 tons for the 2016/17 marketing season. This includes opening stock (at 1 May 2016) of 1 307 867 tons, and local commercial deliveries of 3 173 775 tons. Whole white maize imports of 850 000 tons are expected, 61 944 tons' early deliveries with a surplus of 25 000 tons.

Demand: The total demand (local and exports) for white maize is projected at 4 916 000 tons. The total local demand is projected at 4 321 000 tons. This includes 4 200 000 tons processed for human consumption, 75 000 tons processed for animal and industrial consumption, 15 000 tons for gristing, 12 000 tons withdrawn by producers, 12 000 tons released to end-consumers and a balancing figure of 7 000 tons (net receipts and net dispatches). A projected export quantity of 75 000 tons of processed products and 520 000 tons of white whole maize is estimated for the 2016/17 marketing season.

Stock levels: The projected closing stock level at 30 April 2017 is estimated at 502 586 tons. At an average processed quantity of 357 500 tons per month, this represents available stock for 1.4 months or 43 days.

YELLOW MAIZE (2016/17 Season)

Supply: The total supply of yellow maize is projected at 6 971 345 tons for the 2016/17 marketing season. This includes opening stock (at 1 May 2016) of 1 163 200 tons, and local commercial deliveries of 3 933 100 tons. Yellow maize imports of 1 850 000 tons are expected, 45 tons of early deliveries with a surplus of 25 000 tons.

Demand: The total demand (local and exports) for yellow maize is projected at 6 372 000 tons. The total local demand is projected at 5 992 000 tons. This includes 610 000 tons processed for human consumption, 5 100 000 tons processed for animal and industrial consumption, 12 000 tons for gristing, 80 000 tons withdrawn by producers, 160 000 tons released to end-consumers and a balancing figure of 30 000 tons (net receipts and net dispatches). A projected export quantity of 100 000 tons of processed products and 280 000 tons of yellow whole maize is estimated for the 2016/17 marketing season.

Stock levels: The projected closing stock level at 30 April 2017 is estimated at 599 345 tons. At an average processed quantity of 476 833 tons per month, this represents available stock for 1.3 months or 38 days.

TOTAL MAIZE (2016/17 Season)

Supply: The total supply of maize is projected at 12 389 931 tons for the 2016/17 marketing season. This includes opening stock (at 1 May 2016) of 2 471 067 tons, and local commercial deliveries of 7 106 875 tons. Whole maize imports of 2 700 000 tons are expected, early deliveries of 61 989 tons with a surplus of 50 000 tons.

Demand: The total demand (local and exports) for maize is projected at 11 288 000 tons. The total local demand is projected at 10 313 000 tons. This includes 4 810 000 tons processed for human consumption, 5 175 000 tons processed for animal and industrial consumption, 27 000 tons for gristing, 92 000 tons withdrawn by producers, 172 000 tons released to end-consumers and a balancing figure of 37 000 tons (net receipts and net dispatches). A projected export quantity of 175 000 tons of processed products and 800 000 tons of total whole maize is estimated for the 2016/17 marketing season.

Stock levels: The projected closing stock level at 30 April 2017 is estimated at 1 101 931 tons. At an average processed quantity of 834 333 tons per month, this represents available stock for 1.3 months or 40 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 (2016/17 Season)

Supply: The total supply of sorghum is projected at 190 245 tons for the 2016/17 marketing season. This includes an opening stock (at 1 March 2016) of 57 445 tons, local commercial deliveries of 52 800 tons, 80 000 tons' sorghum imports and no sorghum surplus.

Demand: The total demand (local and exports) for sorghum is projected at 157 150 tons. This includes 1 950 tons for indoor malting, 28 500 tons for floor malting, 100 000 tons for meal, rice and grits, 6 900 tons for feed, 500 tons withdrawn by producers, 2 000 tons released to end consumers, a balancing figure of 300 tons (net receipts and net dispatches) and a deficit 4 000 tons. A projected export quantity of 13 000 tons of sorghum is estimated for the 2016/17 marketing season.

Stock levels: The projected closing stock level at 28 February 2017 is estimated at 33 095 tons. At an average processed quantity of 11 446 tons per month, this represents available stock for 2.9 months or 88 days.

BITTER SORGHUM (2016/17 Season)

Supply: The total supply of sorghum is projected at 44 547 tons for the 2016/17 marketing season. This includes an opening stock (at 1 March 2016) of 25 697 tons, local commercial deliveries of 18 850 tons, no sorghum imports and a no surplus.

Demand: The total demand (local and exports) for sorghum is projected at 43 300 tons. This includes 10 500 tons for indoor malting, 23 000 tons for floor malting, 600 tons for meal, rice and grits, 2 600 tons for feed, 1 000 tons withdrawn by producers, 500 tons released to end consumers, a balancing figure of 100 tons (net receipts and net dispatches) and a deficit of 1 000 tons. A projected export quantity of 4 000 tons of sorghum is estimated for the 2016/17 marketing season.

Stock levels: The projected closing stock level at 28 February 2017 is estimated at 1 247 tons. At an average processed quantity of 3 058 tons per month, this represents available stock for 0.4 months or 12 days.

TOTAL SORGHUM (2016/17 Season)

Supply: The total supply of sorghum is projected at 234 792 tons for the 2016/17 marketing season. This includes an opening stock (at 1 March 2016) of 83 142 tons, local commercial deliveries of 71 650 tons, 80 000 tons' sorghum imports and no sorghum surplus.

Demand: The total demand (local and exports) for sorghum is projected at 200 450 tons. This includes 12 450 tons for indoor malting, 51 500 tons for floor malting, 100 600 tons for meal, rice and grits, 9 500 tons for feed, 1 500 tons withdrawn by producers, 2 500 tons released to end consumers, a balancing figure of 400 tons (net receipts and net dispatches) and a deficit of 5 000 tons. A projected export quantity of 17 000 tons of sorghum is estimated for the 2016/17 marketing season.

Stock levels: The projected closing stock level at 28 February 2017 is estimated at 34 342 tons. At an average processed quantity of 14 504 tons per month, this represents available stock for 2.4 months or 72 days.

See Appendix 2 for detailed S&D table.

WHEAT (2016/17 Season)

Supply: The total supply of wheat is projected at 4 061 512 tons for the 2016/17 marketing season. This includes an opening stock (at 1 October 2016) of 827 232 tons, local commercial deliveries of 1 728 280 tons, whole wheat imports of 1 500 000 tons and a surplus of 6 000 tons.

Demand: The total demand (local and exports) for wheat is projected at 3 307 300 tons. This includes 3 150 000 tons processed for human consumption, 3 000 tons processed for animal consumption, 2 500 tons withdrawn by producers, 2 800 tons released to end consumers, 19 000 tons projected seed for planting and a balancing figure of 15 000 tons (net receipts and net dispatches). A projected export quantity of 15 000 tons of processed products and 100 000 tons of whole wheat is estimated for the 2016/17 marketing season.

Stock levels: The projected closing stock level at 30 September 2017 is estimated at 754 212 tons. At an average processed quantity of 262 750 tons per month, this represents available stock for 2.9 months or 87 days.

See Appendix 3 for detailed S&D table.

SUNFLOWER SEED (2016/17 Season)

Supply: The total supply of sunflower seed is projected at 838 867 tons for the 2016/17 marketing season. This includes an opening stock (at 1 March 2016) of 45 867 tons, local commercial deliveries of 755 000 tons, sunflower seed imports of 35 000 tons and a surplus of 3 000 tons.

Demand: The total demand (local and exports) for sunflower seed is projected at 762 100 tons. This includes 900 tons processed for human consumption, 12 000 tons processed for animal consumption, 740 000 tons for crush for oil and oilcake, 1 500 tons withdrawn by producers, 3 000 tons released to end consumers, 3 500 tons' seed for planting purposes and a balancing figure of 1 000 tons (net receipts and net dispatches). A quantity of 200 tons is projected for exports for the 2016/17 marketing season.

Stock levels: The projected closing stock level at 28 February 2017 is estimated at 76 767 tons. At an average processed quantity of 62 742 tons per month, this represents available stock for 1.2 months or 37 days.

See Appendix 4 for detailed S&D table.

SOYBEANS (2016/17 Season)

Supply: The total supply of soybeans is projected at 1 103 678 tons for the 2016/17 marketing season. This includes an opening stock (at 1 March 2016) of 89 128 tons, local commercial deliveries of 709 550 tons, soybeans imports of 300 000 tons and a surplus of 5 000 tons.

Demand: The total demand (local and exports) for soybeans is projected at 1 030 000 tons. This includes 25 000 tons processed for human consumption, 105 000 tons processed for animal (full fat) consumption, 880 000 tons for crush for oil and oilcake, 2 000 tons withdrawn by producers, 2 500 tons released to end consumers, 7 000 tons' seed for planting, and a balancing figure of 1 500 tons (net receipts and net dispatches). A projected export quantity of 7 000 tons' soybeans are estimated for the 2016/17 marketing season.

Stock levels: The projected closing stock level at 28 February 2017 is estimated at 73 678 tons. At an average processed quantity of 84 167 tons per month, this represents available stock for 0.9 months or 27 days.

See Appendix 5 for detailed S&D table.

**PLEASE NOTE THAT THE DECEMBER 2016 SASDE REPORT WILL BE RELEASED ON
11 JANUARY 2017**

Appendix 1: Detailed S & D table for White, Yellow and Total Maize November 2016

| | Marketing season | White Maize | White Maize | Yellow Maize | Yellow Maize | Total Maize | Total Maize |
|----|--|--------------------|------------------------|--------------------|------------------------|--------------------|------------------------|
| | | Actual for 2015/16 | Projection for 2016/17 | Actual for 2015/16 | Projection for 2016/17 | Actual for 2015/16 | Projection for 2016/17 |
| | | tons | tons | tons | tons | tons | tons |
| 1 | CEC (Crop Estimate) | 4,735,000 | 3,253,775 | 5,220,000 | 4,283,100 | 9,955,000 | 7,536,875 |
| 2 | CEC (Retention) | 0 | 80,000 | 0 | 350,000 | 0 | 430,000 |
| 3 | Min: Early deliveries for current season (Mar + Apr) | 0 | 288,056 | 0 | 449,955 | 0 | 738,011 |
| 4 | Plus: Early deliveries for next season (Mar + Apr) | 0 | 350,000 | 0 | 450,000 | 0 | 800,000 |
| 5 | Available for the commercial market | 4,735,000 | 3,235,719 | 5,220,000 | 3,933,145 | 9,955,000 | 7,168,864 |
| 6 | SUPPLY | | | | | | |
| 7 | Opening stock (1 May) | 1,282,581 | 1,307,867 | 791,054 | 1,163,200 | 2,073,635 | 2,471,067 |
| 8 | Producer deliveries | 4,808,279 | 3,173,775 | 4,986,053 | 3,933,100 | 9,794,332 | 7,106,875 |
| 9 | Imports | 100,803 | 850,000 | 1,862,807 | 1,850,000 | 1,963,610 | 2,700,000 |
| 10 | Early deliveries (Net)* | 0 | 61,944 | 0 | 45 | 0 | 61,989 |
| 11 | Surplus | 17,474 | 25,000 | 35,456 | 25,000 | 52,930 | 50,000 |
| 12 | Total Supply | 6,209,137 | 5,418,586 | 7,675,370 | 6,971,345 | 13,884,507 | 12,389,931 |
| 13 | DEMAND | | | | | | |
| 14 | Processed for the local market | 4,319,697 | 4,290,000 | 5,929,297 | 5,722,000 | 10,248,994 | 10,012,000 |
| 15 | - human | 4,183,067 | 4,200,000 | 515,415 | 610,000 | 4,698,482 | 4,810,000 |
| 16 | - animal and industrial | 118,522 | 75,000 | 5,401,726 | 5,100,000 | 5,520,248 | 5,175,000 |
| 17 | - gristing | 18,108 | 15,000 | 12,156 | 12,000 | 30,264 | 27,000 |
| 18 | Withdrawn by producers | 13,385 | 12,000 | 63,503 | 80,000 | 76,888 | 92,000 |
| 19 | Released to end-consumers | 13,987 | 12,000 | 172,309 | 160,000 | 186,296 | 172,000 |
| 20 | Net receipts(-)/disp(+) | -2,862 | 7,000 | 24,313 | 30,000 | 21,451 | 37,000 |
| 21 | Deficit | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | Local demand | 4,344,207 | 4,321,000 | 6,189,422 | 5,992,000 | 10,533,629 | 10,313,000 |
| 23 | Exports | 557,063 | 595,000 | 322,748 | 380,000 | 879,811 | 975,000 |
| 24 | - products | 83,636 | 75,000 | 102,747 | 100,000 | 186,383 | 175,000 |
| 25 | - whole maize | 473,427 | 520,000 | 220,001 | 280,000 | 693,428 | 800,000 |
| 26 | Total Demand | 4,901,270 | 4,916,000 | 6,512,170 | 6,372,000 | 11,413,440 | 11,288,000 |
| 27 | Closing Stock (30 Apr) | 1,307,867 | 502,586 | 1,163,200 | 599,345 | 2,471,067 | 1,101,931 |
| 28 | - processed p/month | 359,975 | 357,500 | 494,108 | 476,833 | 854,083 | 834,333 |
| 29 | - months' stock | 3.6 | 1.4 | 2.4 | 1.3 | 2.9 | 1.3 |
| 30 | - days' stock | 111 | 43 | 72 | 38 | 88 | 40 |

*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 Sweet, Bitter and Total Sorghum November 2016

| | | Sweet Sorghum | Sweet Sorghum | Bitter Sorghum | Bitter Sorghum | Total Sorghum | Total Sorghum |
|----|--|--------------------|------------------------|--------------------|------------------------|--------------------|------------------------|
| | Marketing season | Actual for 2015/16 | Projection for 2016/17 | Actual for 2015/16 | Projection for 2016/17 | Actual for 2015/16 | Projection for 2016/17 |
| | | tons | tons | tons | tons | tons | tons |
| 1 | CEC (Crop Estimate) | | 54 800 | | 19 350 | 88 500 | 74 150 |
| 2 | CEC Retentions | | 2 000 | | 500 | 2 500 | 2 500 |
| 3 | Available for the commercial market | | 52 800 | | 18 850 | 86 000 | 71 650 |
| 4 | SUPPLY | | | | | | |
| 5 | Opening stock (1 Mch) | 66 266 | 57,445 | 55 546 | 25 697 | 121 812 | 83 142 |
| 6 | Prod deliveries | 99 189 | 52,800 | 21 042 | 18 850 | 120 231 | 71 650 |
| 7 | Imports | 34 316 | 80,000 | 0 | 0 | 34 316 | 80 000 |
| 8 | Surplus | 0 | 0 | 1 853 | 0 | 1 853 | 0 |
| 9 | Total Supply | 199 771 | 190,245 | 78 441 | 44 547 | 278 212 | 234 792 |
| 10 | DEMAND | | | | | | |
| 11 | Processed | 114 499 | 137,350 | 45 325 | 36,700 | 159 824 | 174,050 |
| 12 | - Indoor malting | 246 | 1,950 | 10 859 | 10,500 | 11 105 | 12,450 |
| 13 | - Floor malting | 20 041 | 28,500 | 30 224 | 23,000 | 50 265 | 51,500 |
| 14 | - Meal, rice & grits | 87 222 | 100,000 | 819 | 600 | 88 041 | 100,600 |
| 15 | - Pet Food | 1 029 | 1,000 | 0 | 100 | 1 029 | 1,100 |
| 16 | - Poultry feed | 2 714 | 2,900 | 1 234 | 1,000 | 3 948 | 3,900 |
| 17 | - Livestock feed | 3 247 | 3,000 | 2 189 | 1,500 | 5 436 | 4,500 |
| 18 | Bio-fuel | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | Withdrawn by producers | 987 | 500 | 1 582 | 1 000 | 2 569 | 1,500 |
| 20 | Released to end-consumers | 1 922 | 2,000 | 686 | 500 | 2 608 | 2,500 |
| 21 | Net receipts(-)/disp(+) | 664 | 300 | -133 | 100 | 531 | 400 |
| 22 | Deficit | 499 | 4,000 | 0 | 1,000 | 499 | 5,000 |
| 23 | Exports | 23 755 | 13,000 | 5 284 | 4,000 | 29 039 | 17,000 |
| 24 | Total Demand | 142 326 | 157,150 | 52 744 | 43,300 | 195 070 | 200,450 |
| 25 | Ending Stock (28/29 Feb) | 57 445 | 33,095 | 25 697 | 1,247 | 83 142 | 34,342 |
| 26 | - processed p/month | 9 542 | 11,446 | 3 777 | 3,058 | 13 319 | 14,504 |
| 27 | - months' stock | 6,0 | 2.9 | 6,8 | 0.4 | 6,2 | 2.4 |
| 28 | - days' stock | 183 | 88 | 207 | 12 | 190 | 72 |

Appendix 3: Detailed S & D table for Wheat November 2016

| | | Wheat | Wheat |
|---|---------------------|-------------------|------------------------|
| | Marketing season | Final for 2015/16 | Projection for 2016/17 |
| | | tons | tons |
| 1 | CEC (Crop Estimate) | 1 440 000 | 1 766 280 |
| 2 | CEC (Retention) | 0 | 38 000 |

| | | | |
|----------|-----------------------|------------------|------------------|
| 3 | SUPPLY | | |
| 4 | Opening stock (1 Oct) | 596 823 | 827,232 |
| 5 | Prod deliveries* | 1 406 752 | 1,728,280 |
| 6 | Imports | 2 062 765 | 1,500,000 |
| 7 | Surplus | 8 807 | 6,000 |
| 8 | Total Supply | 4 075 147 | 4,061,512 |

| | | | |
|-----------|----------------------------|------------------|------------------|
| 9 | DEMAND | | |
| 10 | Processed | 3 144 414 | 3,153,000 |
| 11 | - human | 3 142 077 | 3,150,000 |
| 12 | - animal | 2 337 | 3,000 |
| 13 | - gristing | 0 | 0 |
| 14 | Withdrawn by producers | 1 834 | 2,500 |
| 15 | Released to end-consumers | 1 907 | 2,800 |
| 16 | Seed for planting purposes | 18 800 | 19,000 |
| 17 | Net receipts(-)/disp(+) | 12 435 | 15,000 |
| 18 | Deficit | 0 | 0 |
| 19 | Exports | 68 525 | 115,000 |
| 20 | - products | 14 517 | 15,000 |
| 21 | - whole wheat | 54 008 | 100,000 |
| 22 | Total Demand | 3 247 915 | 3,307,300 |

| | | | |
|-----------|-------------------------------|----------------|----------------|
| 23 | Closing Stock (30 Sep) | 827 232 | 754,212 |
| 24 | - processed p/month | 262 035 | 262,750 |
| 25 | - months' stock | 3,2 | 2.9 |
| 26 | - days' stock | 96 | 87 |

Appendix 4: Detailed S & D table for Sunflower Seed November 2016

| | | Sunflower Seed | Sunflower Seed |
|----|---------------------------------|-------------------|------------------------|
| | Marketing season | Final for 2015/16 | Projection for 2016/17 |
| | | tons | tons |
| 1 | CEC (Crop Estimate) | 663 000 | 755 000 |
| 2 | SUPPLY | | |
| 3 | Opening stock (1 Mar) | 92 927 | 45,867 |
| 4 | Prod deliveries | 663 669 | 755,000 |
| 5 | Imports | 36 064 | 35,000 |
| 6 | Surplus | 9 897 | 3,000 |
| 7 | Total Supply | 802 557 | 838,867 |
| 8 | DEMAND | | |
| 9 | Processed | 747 808 | 752,900 |
| 10 | - human | 1 003 | 900 |
| 11 | - animal | 8 995 | 12,000 |
| 12 | - crush (oil and oilcake) | 737 810 | 740,000 |
| 13 | Withdrawn by producers | 1 157 | 1,500 |
| 14 | Released to end-consumers | 2 936 | 3,000 |
| 15 | Seed for planting purposes | 2 824 | 3,500 |
| 16 | Net receipts(-)/disp(+) | 1 709 | 1,000 |
| 17 | Deficit | 0 | 0 |
| 18 | Exports | 256 | 200 |
| 19 | Total Demand | 756 690 | 762,100 |
| 20 | Ending Stock (28/29 Feb) | 45 867 | 76,767 |
| 21 | - processed p/month | 62 317 | 62,742 |
| 22 | - months' stock | 0,7 | 1.2 |
| 23 | - days' stock | 22 | 37 |

Appendix 5: Detailed S & D table for Soybeans for November 2016

| | | Soybeans | Soybeans |
|---|---------------------|-------------------|------------------------|
| | Marketing season | Final for 2015/16 | Projection for 2016/17 |
| | | tons | tons |
| 1 | CEC (Crop Estimate) | 1 070 000 | 741 550 |
| 2 | Retention | | 32 000 |

| | | | |
|----------|-----------------------|------------------|------------------|
| 3 | SUPPLY | | |
| 4 | Opening stock (1 Mar) | 63 704 | 89,128 |
| 5 | Prod deliveries | 1 042 129 | 709,550 |
| 6 | Imports | 124 981 | 300,000 |
| 7 | Surplus | 10 526 | 5,000 |
| 8 | Total Supply | 1 241 340 | 1,103,678 |

| | | | |
|-----------|-------------------------------|------------------|------------------|
| 9 | DEMAND | | |
| 10 | Processed | 1 134 110 | 1,010,000 |
| 11 | - human | 24 323 | 25,000 |
| 12 | - animal feed (full fat soya) | 121 763 | 105,000 |
| 13 | - crush (oil/oilcake) | 988 024 | 880,000 |
| 14 | Withdrawn by producers | 2 393 | 2,000 |
| 15 | Released to end-consumers | 2 650 | 2,500 |
| 16 | Seed for planting purposes | 7 577 | 7,000 |
| 17 | Net receipts(-)/disp(+) | 805 | 1,500 |
| 18 | Deficit | 0 | 0 |
| 19 | Exports | 4 677 | 7,000 |
| 20 | Total Demand | 1 152 212 | 1,030,000 |

| | | | |
|-----------|----------------------------------|---------------|---------------|
| 21 | Closing Stock (28/29 Feb) | 89 128 | 73,678 |
| 22 | - processed p/month | 94 509 | 84,167 |
| 23 | - months' stock | 0,9 | 0.9 |
| 24 | - days stock | 29 | 27 |

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Compiled by: South Africa Grain & Oilseeds Supply & Demand Estimates Committee

Enquiries: Mr. Christo Joubert & Dr. Abongile Balarane
+27 (0) 12 341 1115/+27 (0) 76 999 7766 & +27 (0) 76 752 4846
christo@namc.co.za & abalarane@namc.co.za

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