

AGENDA

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Astral is
a leading
Southern
African
integrated
poultry
producer



- Feed input costs increased markedly on higher maize prices due to unfavourable weather conditions in the planting season, which will negatively impact crop yields for 2019
- Poultry selling prices decreased for the period under review leading to an under recovery on higher input costs
- Poultry production efficiencies were maintained in line with projections
- Extraordinary cost increases in the newly legislated national minimum wage, costs associated with load shedding, and the strike cost in KZN negatively impacted profits
- Fresh product processing capacity expansion, with the project underway at the Festive plant located in Olifantsfontein and on track for commissioning in April 2020



Business

Overview

KEY FINANCIAL INDICATORS

Revenue

3%

Profit before interest and tax

51%

■ Earnings per share @ 948 cps

52%

■ Headline earnings per share @ 949 cps

52%

Interim dividend of 475 cps

53%



DIVISIONAL SALIENT POINTS

Poultry

- Feeding cost increased
- Bird performance maintained
- Broiler sales volumes down
- Broiler sales realisations down
- Extraordinary cost impacts

Feed

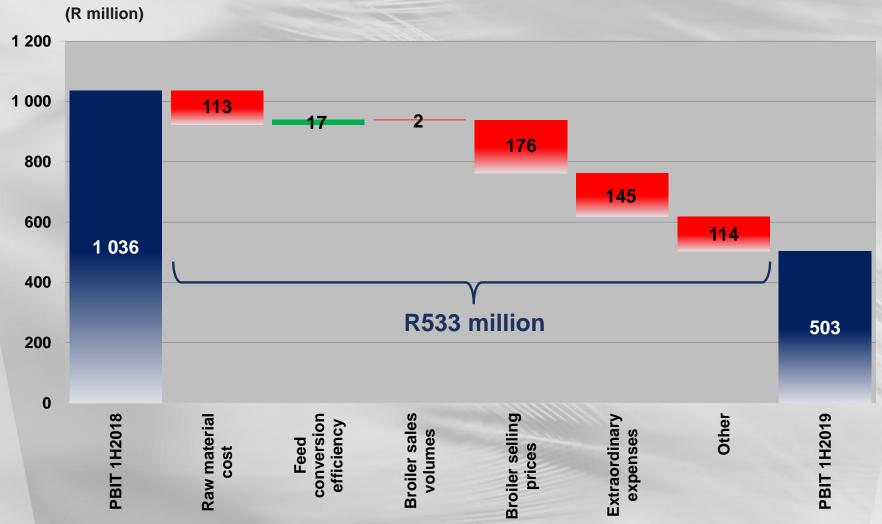
- Raw material costs up
- Lower internal feed required
- External sales volumes down
- Expenses well controlled
- Improved Rand per ton margin

Other Africa

Lower profits – depressed performances from Mozambique and Zambia



THE PERIOD IN PERSPECTIVE



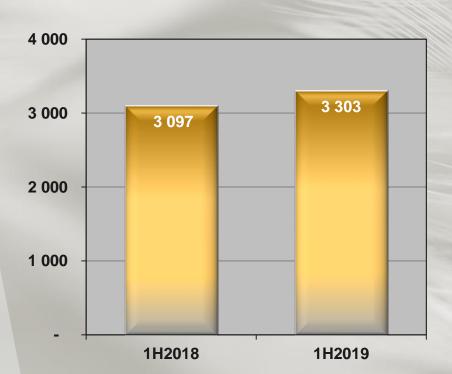






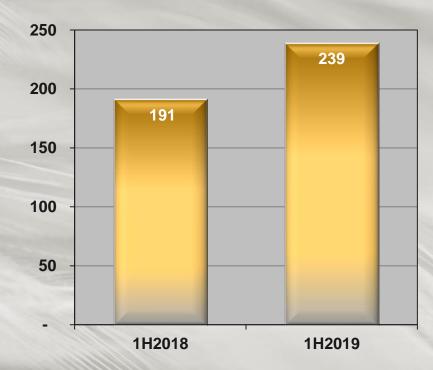
FEED DIVISION

Revenue - R million



- Revenue up 6.7%
 - Raw material costs up
 - Average selling prices up 7.6%
 - Sales volumes down 0.9%

Operating profit - R million



- Operating profit up 24.6%
 - Net margin 7.2% 1H2018: 6.2%
 - Expenses well controlled
 - Rand per ton margins up

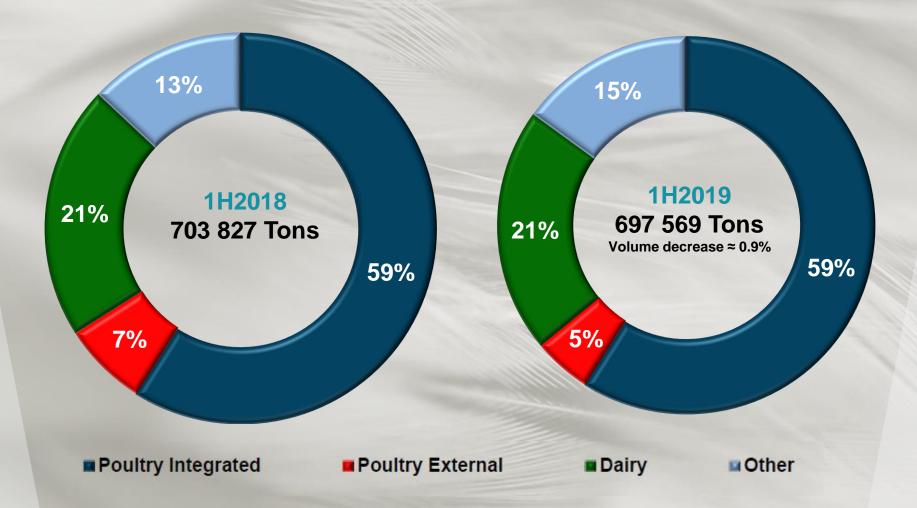


- SAFEX yellow maize prices increased markedly for the period under review 1H2019 avg. R2 579 per ton (1H2018: R1 981) up R598 per ton y-o-y
- Internal feed sales decreased marginally by 0.6% due to improved broiler feed conversion rates
- External feed sales decreased by 1.3% as livestock sectors came under pressure from higher feed costs and producers moved for lower feed prices
- Expense increases well controlled across the division for the period under review
- The average net margin increased (on a Rand per ton basis) for the period under review



Overview

FEED DIVISION - SALES MIX



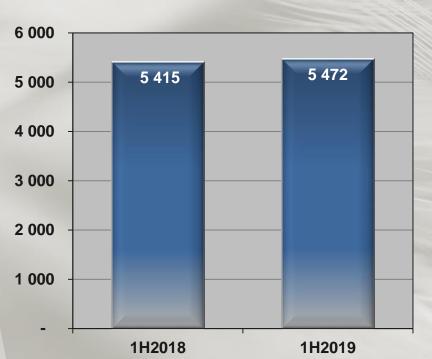






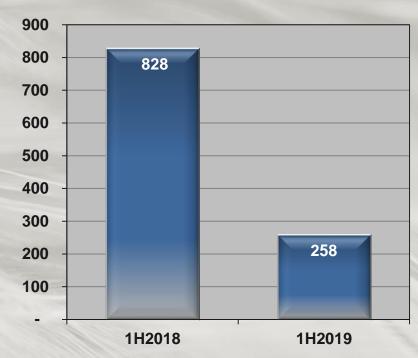
Astral is
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integrated
poultry
producer

Revenue - R million



- Total revenue up 1.0%
 - Broiler sales volumes down 1.1%
 - Broiler sales realisations down 3.4%
 - Breeder revenue up R100 million

Operating profit - R million



- Operating profit down 68.9%
 - Broiler feed price up 9.2%
 - Net margin 4.7% 1H2018: 15.4%

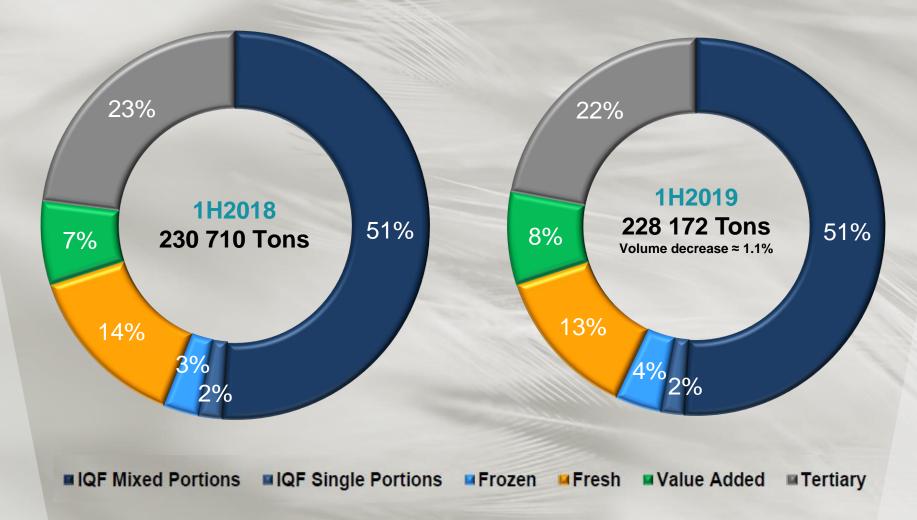


- Profits for the six months ended March 2019 reflect a significant decline on the comparable period
- Broiler live cost increased due to rising feed costs resulting in a higher base cost of production
- Broiler selling prices decreased on subdued consumer demand and deeper promotional activity in the market, leading to an under recovery of higher input costs
- Broiler sales volumes down despite sales realisations decreasing on the comparable period
- Overhead expenses increased with the newly legislated minimum wage, exacerbated by the impact of load shedding nationally, and water supply interruptions in Standerton
- Imports during the period were lower than the comparable period, averaging 41 771 tons per month (1H2018: 46 850 tons)



Overview

POULTRY DIVISION - PRODUCT MIX



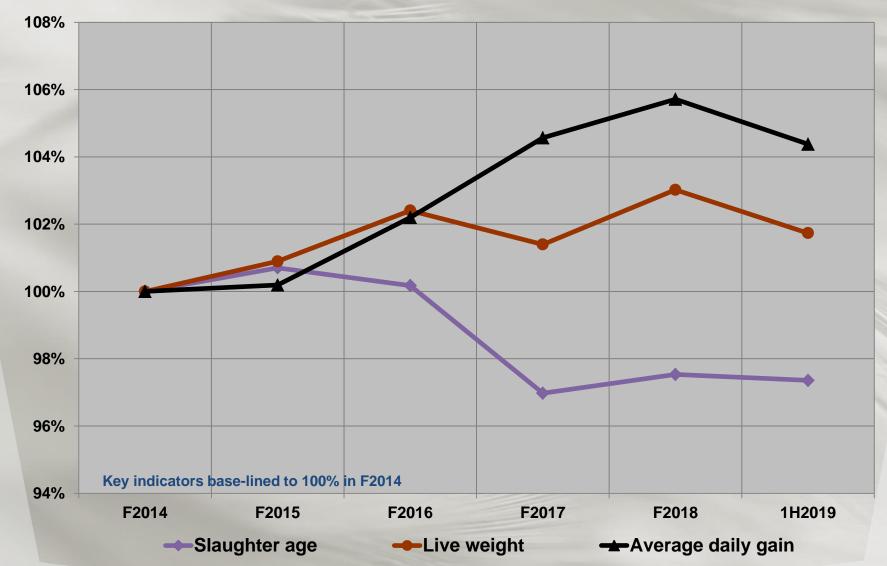


- Breeder revenue increased on higher demand for parent stock and an increase in broiler day-old chick sales
- Feed input costs increased due to higher raw material costs adversely affecting the live bird production cost
- Strike action in KZN at National Chicks and Mountain Valley impacted profitability during the period under review
- Further improvements in on-farm poultry production efficiencies, benefitting broiler live cost through an improved feed conversion rate
- Higher broiler hatching egg production as a result of Astral's bird flu contingency planning
- In South Africa 203 cases of highly pathogenic bird flu have officially been reported across 9 provinces, from the 21st of June 2017 to the 28th of February 2019



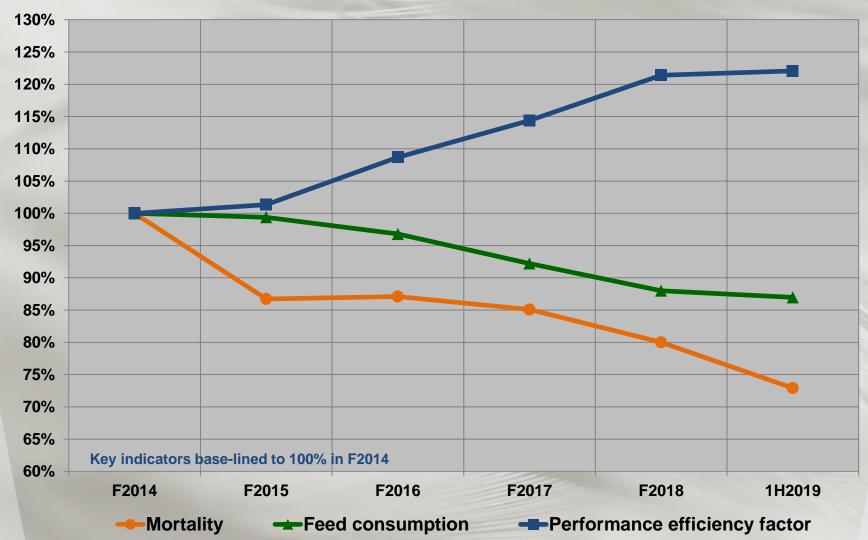
Overview

BROILER PRODUCTION PERFORMANCE

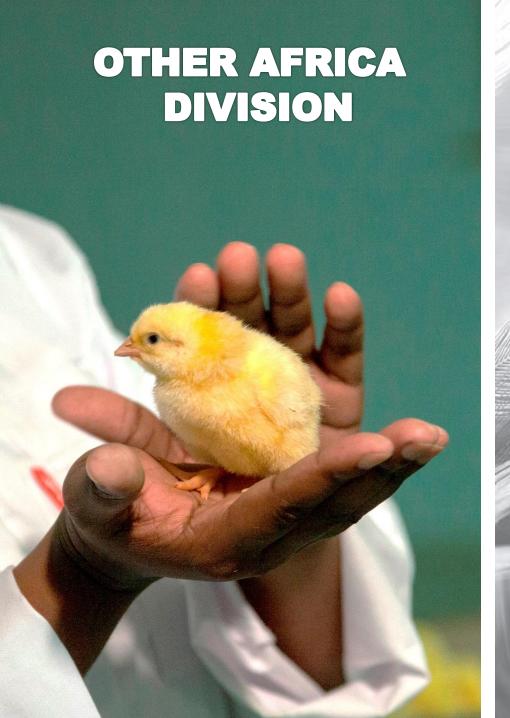




BROILER PRODUCTION PERFORMANCE



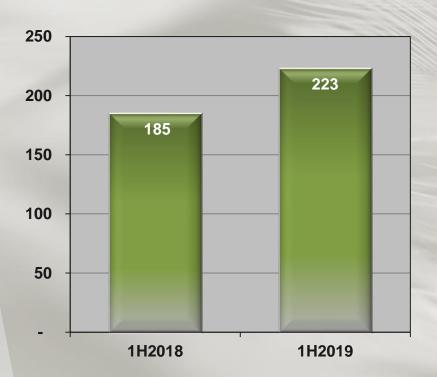






OTHER AFRICA DIVISION (Zambia, Mozambique & Swaziland)

Revenue - R million



- Revenue up 20.9%
 - Sales volumes up 11.7%
 - Average selling prices up 8.2%

Operating profit - R million



- Operating profit down 59.9%
 - Net margin 3.0% 1H2018: 9.1%
 - Mozambique provision for non-recovery of import VAT



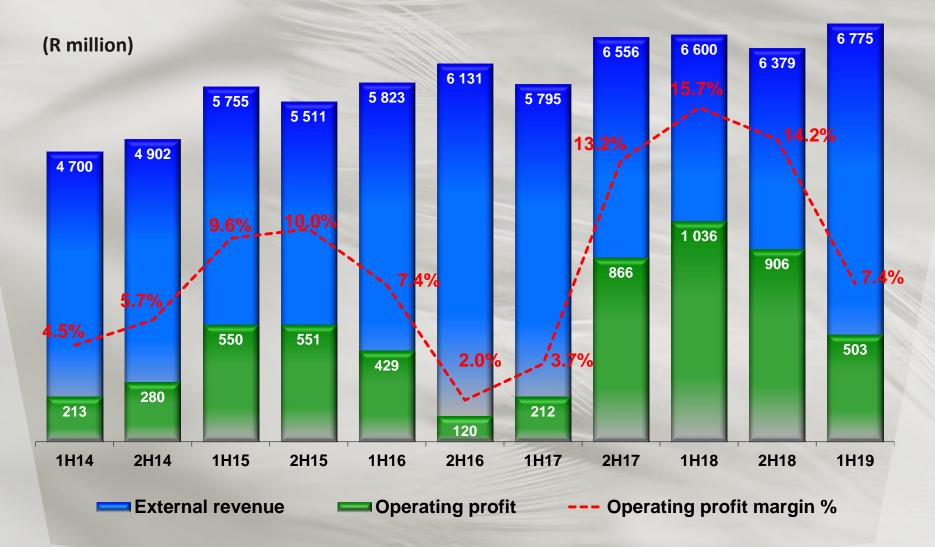


INCOME STATEMENT

| Six months ended 31 March | 2019 R million | 2018 R million Restated | % change |
|---------------------------|-------------------|-------------------------------|----------|
| Revenue | 6 775 | 6 600 | 3% |
| Operating profit | 503 | 1 036 | 51% |
| Operating profit margin | 7.4% | 15.7% | |
| Net finance income | 18 | 22 | |
| Profit before tax | 521 | 1 058 | 51% |
| Тах | (151) | (297) | |
| Profit for the period | 370 | 761 | 51% |
| | | | |
| Headline earnings | 368 | 759 | 52% |
| EPS – Cents | 948 | 1 958 | 52% |
| HEPS – Cents | 949 | 1 959 | 52% |



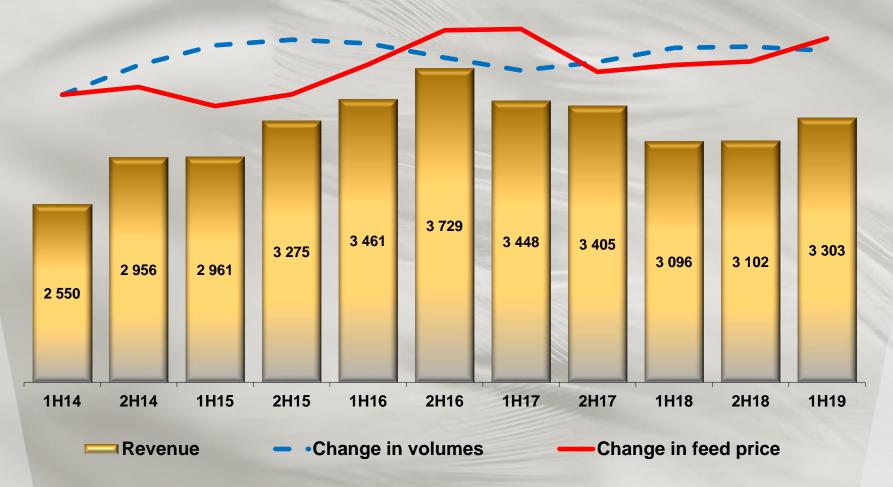
GROUP SIX MONTHLY REVENUE AND PROFITABILITY





FEED SIX MONTHLY REVENUE

(R million)





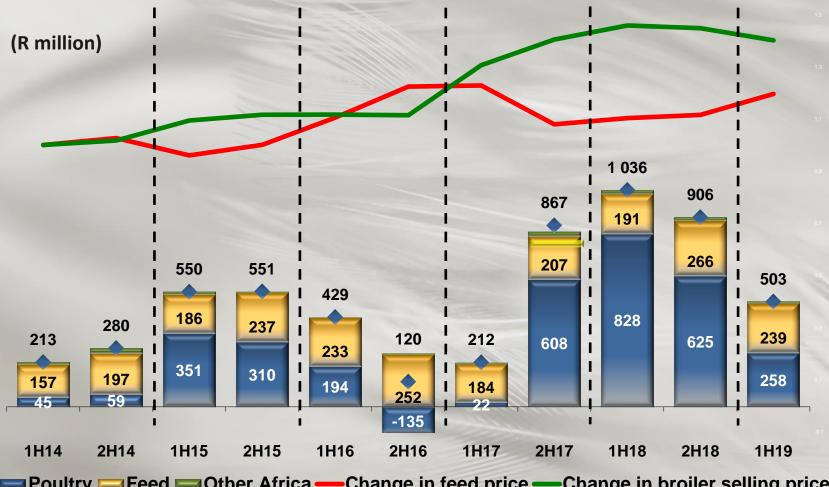
Outlook

POULTRY SIX MONTHLY REVENUE





GROUP SIX MONTHLY OPERATING PROFIT



Poultry Feed Other Africa —Change in feed price —Change in broiler selling price



BALANCE SHEET

| | March 2019 R million | September 2018 R million | % change |
|--|-------------------------|-----------------------------|----------|
| Non-current assets | 2 507 | 2 409 | 4% |
| Net working capital | 1 419 | 1 189 | 19% |
| Current assets (excl. cash) | 3 053 | 2 943 | 4% |
| Current liabilities (excl. borrowings) | (1 634) | (1 754) | 7% |
| Non-current liabilities (excl. borrowings) | (656) | (650) | 1% |
| Net assets | 3 270 | 2 948 | 11% |
| Net (surplus cash) | (431) | (789) | 45% |
| Equity | 3 701 | 3 737 | 1% |
| Total | 3 270 | 2 948 | 11% |



CAPITAL EXPENDITURE

| Six months ended 31 March | 2019 | 2018 |
|---------------------------|-----------|------|
| Six months ended 51 March | R million | |
| Depreciation | 88 | 78 |
| Total capex spend | 345 | 136 |
| Festive expansion | 223 | |
| Standerton silo complex | 30 | |
| Other capex | 92 | |
| Outstanding commitments | 753 | 144 |
| Festive expansion | 651 | |
| Standerton silo complex | 22 | |
| Other capex | 80 | |
| Total spend and committed | 1 098 | 280 |
| Board approved (on hold) | 344 | |
| Mountain Valley expansion | 203 | |
| Zambian feed mill | 141 | |



WORKING CAPITAL

| | March 2019 R million | September 2018 R million | Variance R million |
|--------------------------------------|-------------------------|-----------------------------|-----------------------|
| Current assets | 2 863 | 2 912 | (49) |
| Biological assets | 779 | 770 | 9 |
| Inventory - Poultry | 415 | 532 | (117) |
| - Feed | 285 | 255 | 30 |
| - Other Africa | 36 | 50 | (14) |
| Trade receivables | 1 214 | 1 204 | 10 |
| Other receivables | 134 | 101 | 33 |
| | | | |
| Current liabilities | (1 634) | (1 754) | 120 |
| | 1 229 | 1 158 | 71 |
| Capital expenditure advance payments | 190 | 31 | 159 |
| Net working capital | 1 419 | 1 189 | 230 |



STATEMENT OF CASH FLOWS

| For the six months ended 31 March | 2019 | 2018 |
|--|-----------|-----------|
| FOI the Six months ended 31 March | R million | R million |
| Cash operating profit | 407 | 1 094* |
| Working capital movement | 100 | (42)* |
| | 507 | 1 052 |
| Tax paid | (131) | (259) |
| Net interest received | 21 | 25 |
| Capital expenditure | (345) | (136) |
| | 52 | 682 |
| Dividends paid | (409) | (339) |
| Other cash flow items | (1) | 2 |
| Proceeds on investment sold – prior year | - | (4) |
| Movement in cash equivalents | (358) | 385 |
| Effect of exchange rate changes | - | (4) |
| Opening balance | 789 | 553 |
| Closing balance | 431 | 934 |



IN SUMMARY

Decline in poultry profitability - profit margin at 4.7% (1H2018: 15.4%)

Feed profitability in line with expectations

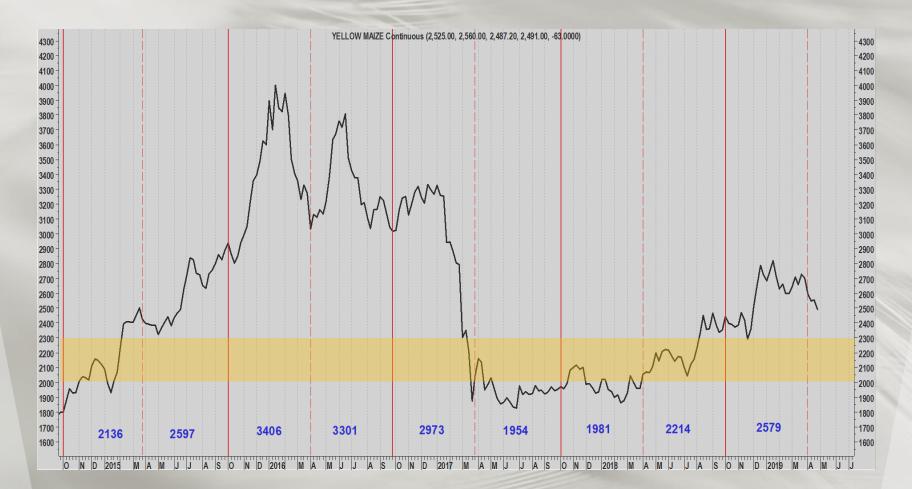
Capital expenditure on expansion projects – R253 million paid

Net surplus cash at 31 March 2019 of R431 million

Interim dividend of 475 cps at 2 times cover





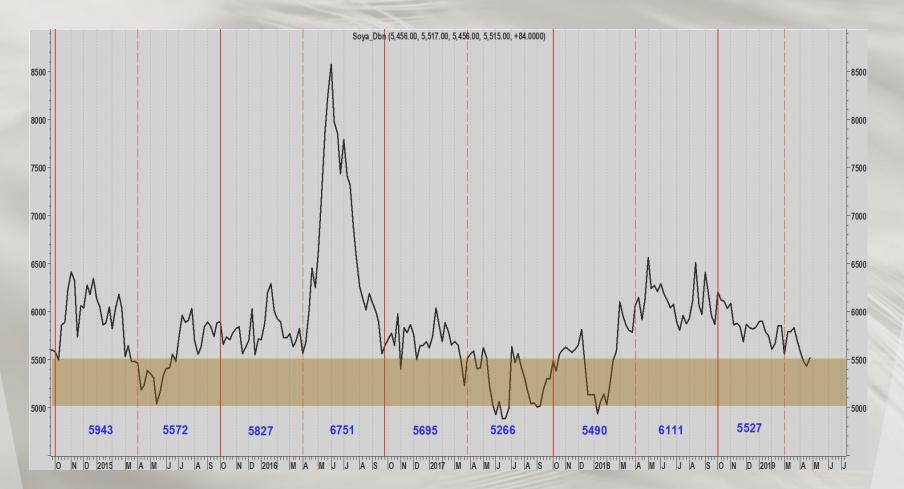




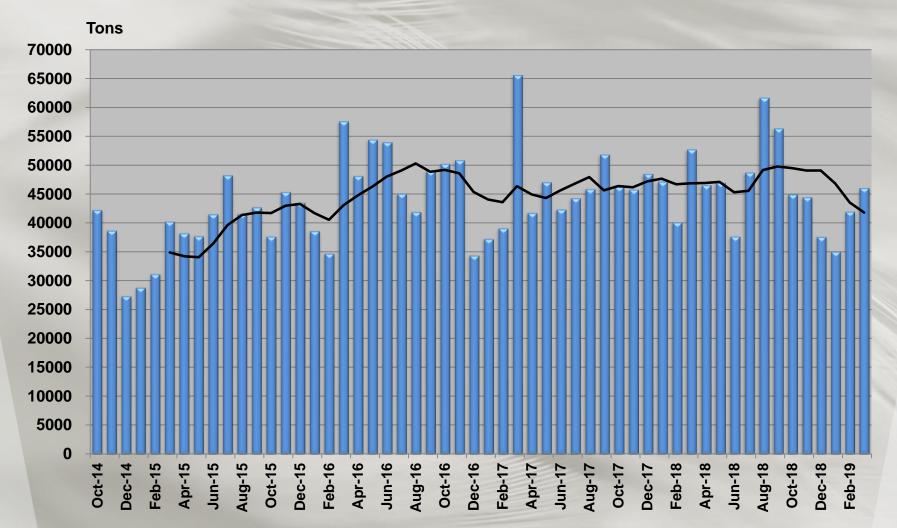




DURBAN SOYA MEAL PRICE

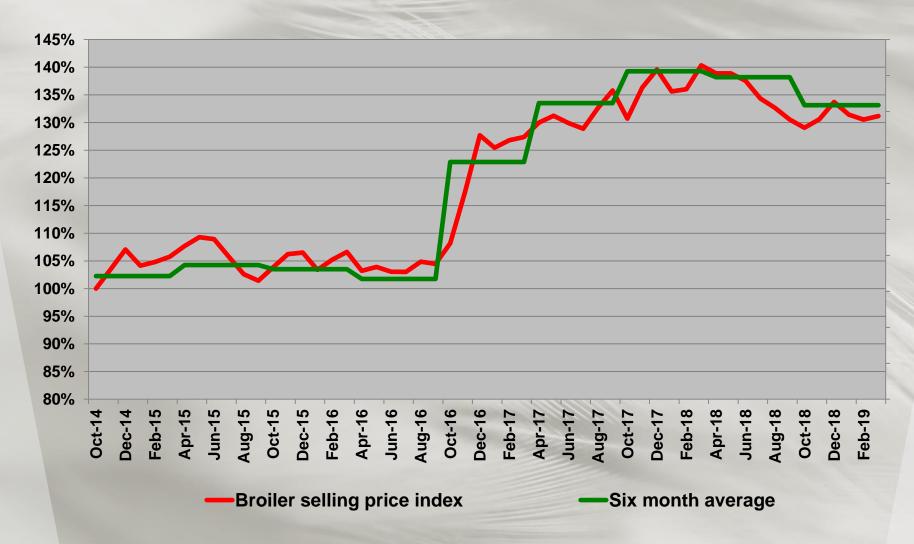


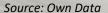






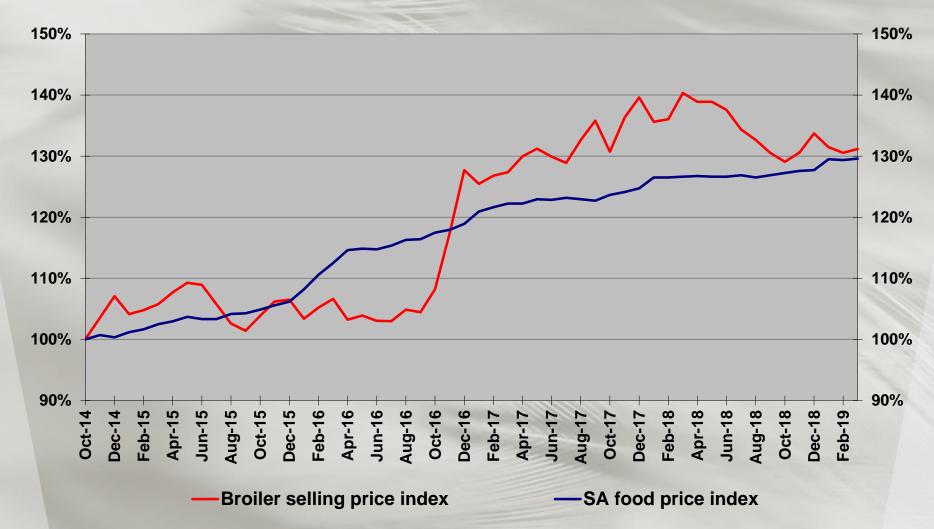
BROILER SELLING PRICE



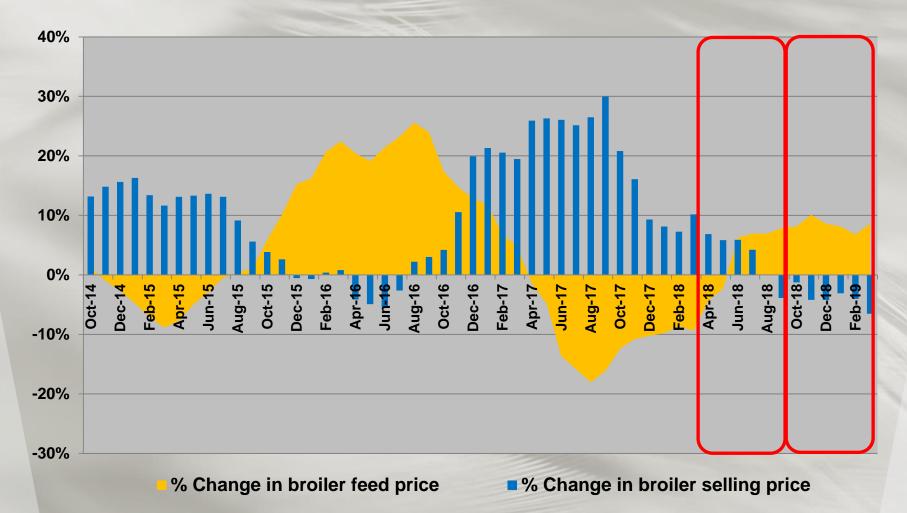




BROILER PRICE vs. FOOD PRICE INFLATION











POTENTIAL NEGATIVE INFLUENCES

- Raw material price increases will negatively impact Astral's largest input cost, namely feed which makes up 66% of broiler live cost
- Traditionally slower trading conditions for the second half of Astral's financial year, exacerbated by continued high levels of unemployment
- The negative impact of high fuel prices on consumer disposable income, leading to continued pressure on poultry selling prices
- Higher local poultry production levels together with imports from Brazil and the USA, will negatively impact the supply and demand balance in the short term
- The newly legislated minimum wage will continue to impact poultry production costs
- Municipal infrastructure deterioration in Standerton, leading to water supply interruptions at a cost to the business



POTENTIAL POSITIVE INFLUENCES

- Sufficient international coarse grain stocks with good prevailing planting conditions in the US and South America
- Maize imports into the Western Cape at a discount to local Safex prices, will contribute positively to feed input costs in that region
- Local maize stocks together with maize imports will meet demand, despite early season SA maize crop concerns
- Recent late rainfall received in the maize growing areas of the country, will benefit soil moisture conditions for the new planting season
- Supply and distribution of the Ross poultry genetics in South Africa, has been secured for a further ten year period with the conclusion of a renewed supply agreement with Aviagen

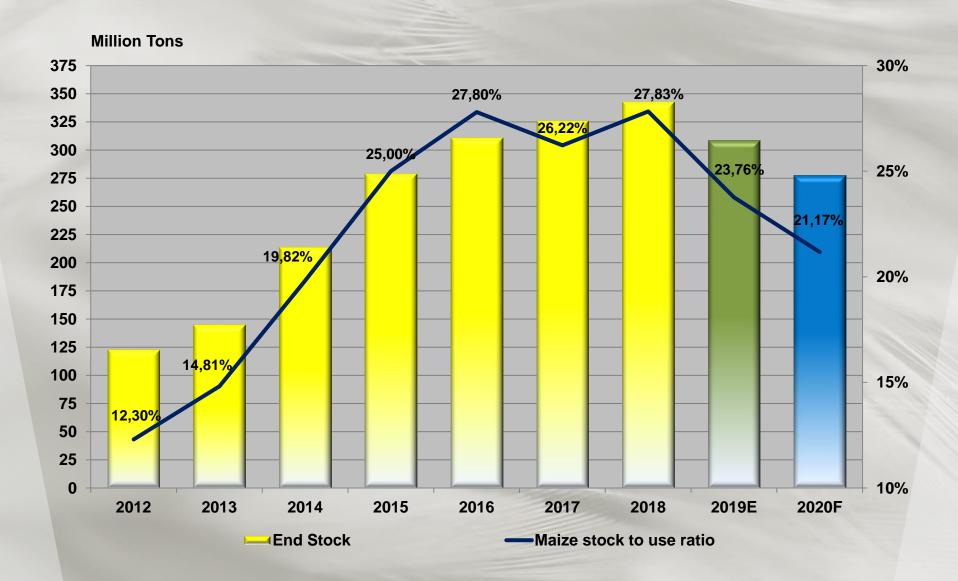




44 Astral's strategy is to be the best cost integrated poultry producer in selected African countries ,, **Astral** THANK YOU



WORLD CORN ENDING STOCKS





SOUTH AFRICA - TOTAL MAIZE SUPPLY & DEMAND

| Marketing year (May to April) | 2013/14 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | 2018/19E | 2019/20F | |
|--------------------------------|---------|---------|---------|---------|----------|----------|----------|--|
| '000 tons | Actual | Actual | Actual | Actual | Estimate | Estimate | Forecast | |
| Carry In (1 May) | 1 414 | 589 | 2 074 | 2 471 | 1 093 | 3 689 | 2 940 | |
| Crop Estimate | 11 811 | 14 250 | 9 955 | 7 779 | 16 820 | 12 510 | 10 655 | |
| Retentions | | 433 | 163 | 309 | 1 191 | 495 | 481 | |
| Sagis Delivery | 11 072 | 13 817 | 9 794 | 7 469 | 15 629 | 12 015 | 10 174 | |
| Minus early deliveries | 0 | 0 | 0 | 450 | 0 | 0 | 0 | |
| Imports | 80 | 65 | 1 964 | 2 237 | 0 | 206 | 700 | |
| Total Supply | 12 566 | 14 471 | 13 831 | 11 727 | 16 722 | 15 911 | 13 814 | |
| | | | | | | | | |
| Domestic Usage Food | 4 583 | 4 840 | 4 698 | 4 808 | 4 993 | 5 146 | 5 220 | |
| Domestic Usage Feed | 4 715 | 5 041 | 5 520 | 5 004 | 5 276 | 5 355 | 5 100 | |
| Gristing, withdrawn & released | 480 | 376 | 293 | 278 | 313 | 249 | 540 | |
| Total Domestic Usage | 9 777 | 10 257 | 10 512 | 10 090 | 10 583 | 10 750 | 10 860 | |
| | | | | | | | | |
| Exports & Sundries | 2 122 | 2 153 | 848 | 993 | 2 451 | 2 221 | 1 002 | |
| Plus early deliveries | 0 | 0 | 0 | 450 | 0 | 0 | 0 | |
| Carry Out (30 Apr) | 590 | 2 062 | 2 471 | 1 093 | 3 689 | 2 940 | 1 952 | |
| No of days usage | 25 | 73 | 86 | 40 | 127 | 100 | 66 | |
| STU | 4,96% | 16,62% | 21,75% | 9,87% | 28.31% | 22.67% | 16.46% | |
| | | | | | | | | |



Source: CJA Strategic Risk Brokers

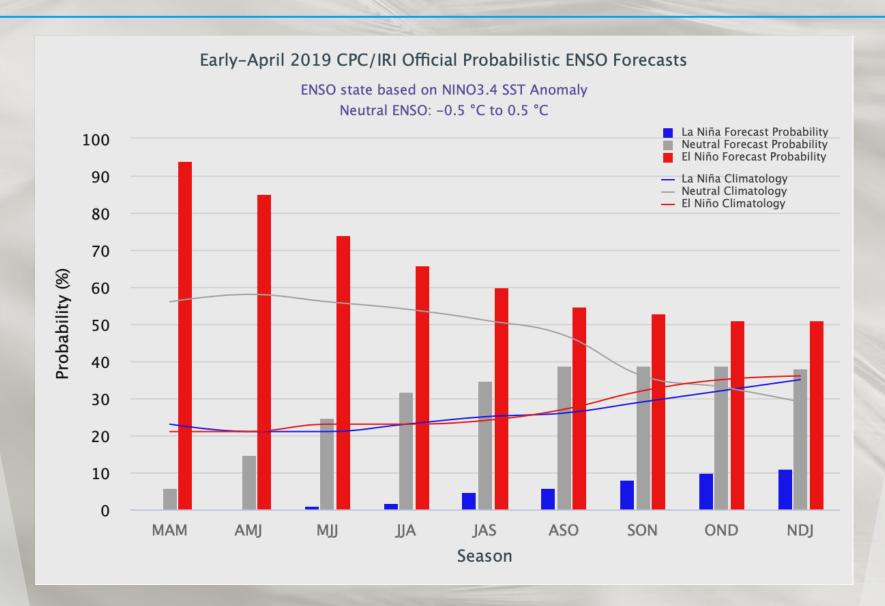
SOUTH AFRICA – TOTAL MAIZE SUPPLY & DEMAND





Source: CJA Strategic Risk Brokers

EL NIÑO SOUTHERN OSCILLATION - FORECAST

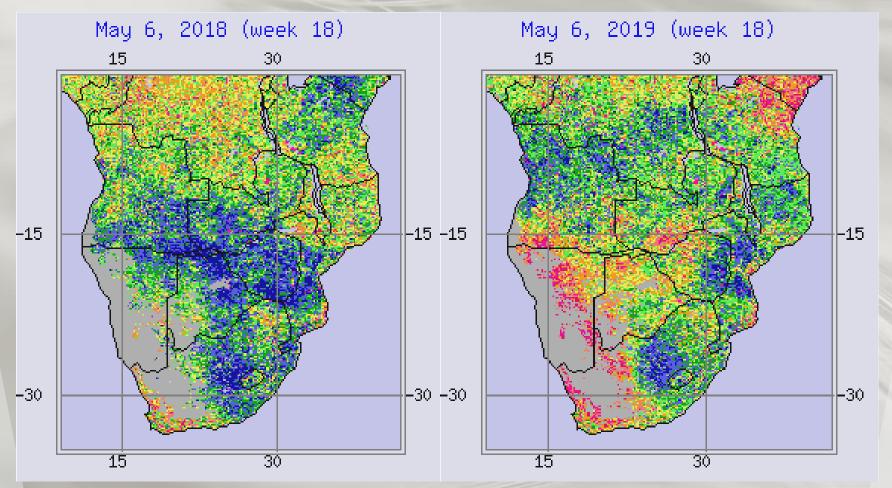




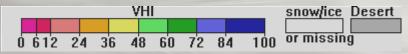
SOUTHERN AFRICA - VEGETATIVE HEALTH INDEX



VHI of current year

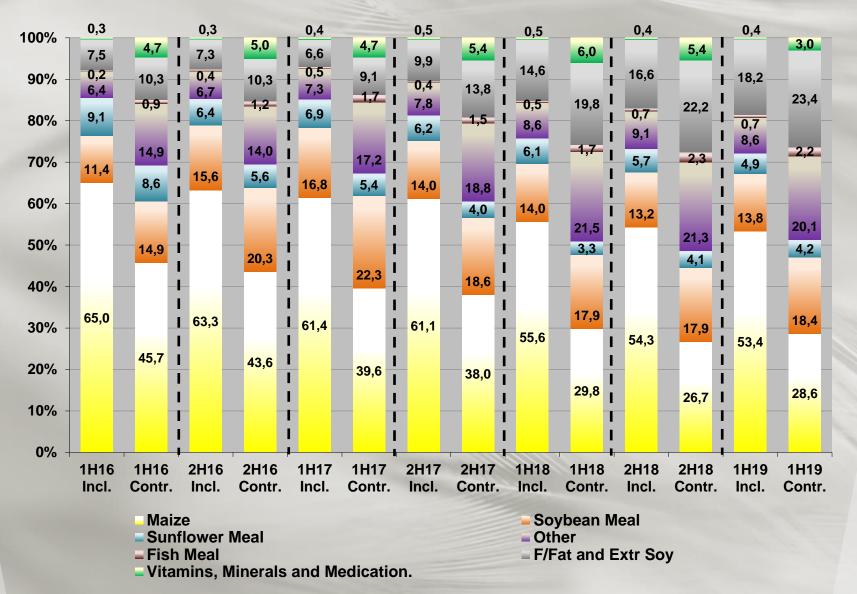


Source: NOAA - National Environmental Satellite, Data, and Information Service (VHI)





BROILER FEED - INGREDIENT INCLUSION & COST CONTRIBUTION





Source: Own Data

BRAZIL, EU & USA PRODUCT COST BENCHMARK

| | | Ex BRAZIL - May 201 | 19 | | |
|------------------------------------|-------|---------------------|-----------|-----------|-----------|
| | FROZE | N LEG QUARTERS BUL | K PACKED | | |
| CIF DBN US\$ per ton | TON | 1 200.00 | 1 200.00 | 1 200.00 | SA COST |
| R/\$ exchange rate | R\$ | 14.30 | 14.60 | 14.90 | |
| Rand per ton | TON | 17 160.00 | 17 520.00 | 17 880.00 | 23 480.00 |
| Rand per kg | KG | 17.16 | 17.52 | 17.88 | 23.48 |
| Duty per kg | KG | 37% | 37% | 37% | |
| Clearance costs | KG | 0.65 | 0.65 | 0.65 | |
| COST INTO STORAGE | KG | 24.16 | 24.65 | 25.15 | 23.48 |
| Storage | KG | 0.50 | 0.50 | 0.50 | |
| Distribution | KG | 0.80 | 0.80 | 0.80 | 0.92 |
| Marketing, Administration, Finance | KG | 0.80 | 0.80 | 0.80 | 0.96 |
| TOTAL COST | KG | 26.26 | 26.75 | 27.25 | 25.36 |
| | | EUROPE – May 201 | 9 | | |
| | FROZE | N LEG QUARTERS BUL | K PACKED | | |
| CIF DBN € per ton | TON | | | | SA COST |
| € exchange rate | R\$ | | | | |
| Rand per ton | TON | | | | 23 480.00 |
| Rand per kg | KG | | | | 23.48 |
| Duty per kg | KG | | | | |
| Clearance costs | KG | | | | |
| COST INTO STORAGE | KG | | | | 23.48 |
| Storage | KG | | | | |
| Distribution | KG | | | | 0.92 |
| Marketing, Administration, Finance | KG | | | | 0.96 |
| TOTAL COST | KG | | | | 25.36 |



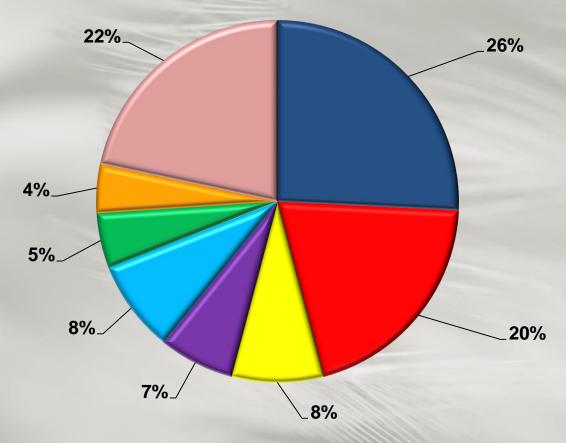
BRAZIL, EU & USA PRODUCT COST BENCHMARK

| EONO! E EX II CIAITO | | nd and Denmark with S EN LEG QUARTERS BUL | | 70 Way 2015 | |
|------------------------------------|-------|--|-----------|-------------|-----------|
| CIF DBN € per ton | TON | 1 100.00 | 1 100.00 | 1 100.00 | SA COST |
| R/€ exchange rate | R\$ | 16.00 | 16.20 | 16.50 | |
| Rand per ton | TON | 17 600.00 | 17 820.00 | 18 150.00 | 23 480.00 |
| Rand per kg | KG | 17.60 | 17.82 | 18.15 | 23.48 |
| Duty per kg | KG | 30% | 30% | 30% | |
| Clearance costs | KG | 0.65 | 0.65 | 0.65 | |
| COST INTO STORAGE | KG | 23.53 | 23.82 | 24.25 | 23.48 |
| Storage | KG | 0.50 | 0.50 | 0.50 | |
| Distribution | KG | 0.80 | 0.80 | 0.80 | 0.92 |
| Marketing, Administration, Finance | KG | 0.80 | 0.80 | 0.80 | 0.96 |
| TOTAL COST | KG | 25.63 | 25.92 | 26.35 | 25.36 |
| | | Ex USA – May 2019 | | | |
| | FROZE | N LEG QUARTERS BUL | K PACKED | | |
| CIF DBN US\$ per ton | TON | 1000.00 | 1000.00 | 1000.00 | SA COST |
| R/\$ exchange rate | R\$ | 14.30 | 14.60 | 14.90 | |
| Rand per ton | TON | 14 300.00 | 14 600.00 | 14 900.00 | 23 480.00 |
| Rand per kg | KG | 14.30 | 14.60 | 14.90 | 23.48 |
| Duty per kg | KG | 37.00% | 37.00% | 37.00% | |
| Clearance costs | KG | 0.65 | 0.65 | 0.65 | |
| COST INTO STORAGE | KG | 20.24 | 20.65 | 21.06 | 23.48 |
| Storage | KG | 0.50 | 0.50 | 0.50 | |
| Distribution | KG | 0.80 | 0.80 | 0.80 | 0.92 |
| Marketing, Administration, Finance | KG | 0.80 | 0.80 | 0.80 | 0.96 |
| TOTAL COST | KG | 22.34 | 22.75 | 23.16 | 25.36 |



Source: Own Estimates

LOCAL BROILER PRODUCTION & MARKET SHARE

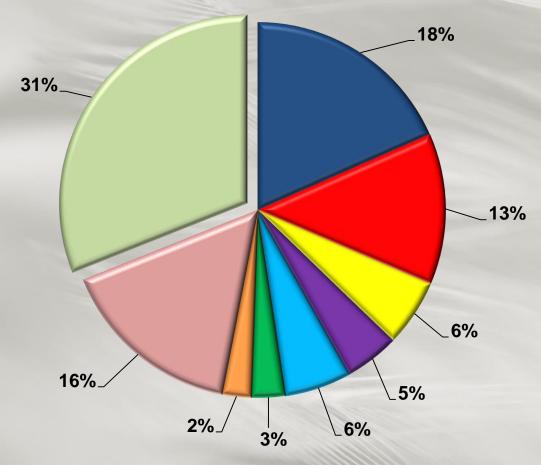


■ Astral ■ RCL □ Country Bird ■ Daybreak □ Sovereign ■ Grainfields □ Chubby Chick □ Other

Local broiler production ≈ 19.4 million birds per week



LOCAL BROILER PRODUCTION & MARKET SHARE



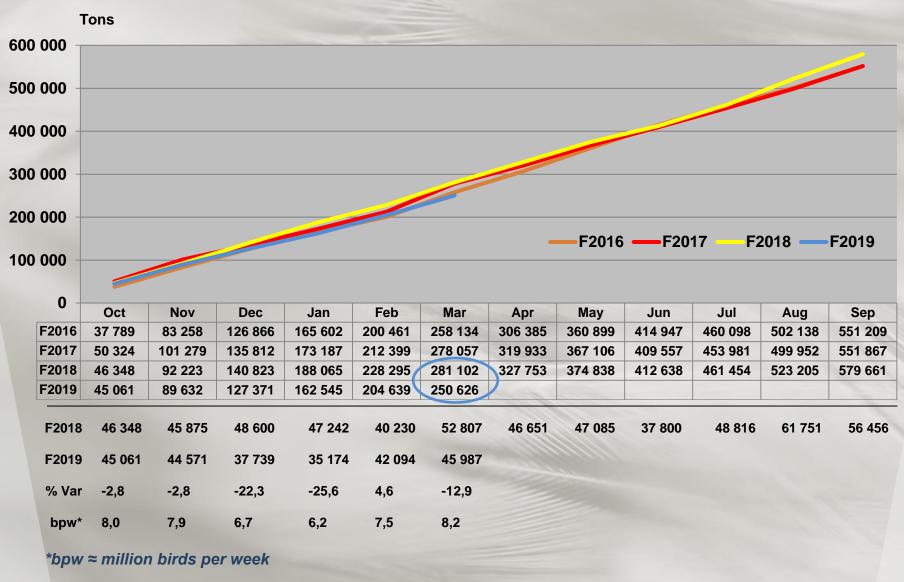
■ Astral ■ RCL □ Country Bird ■ Daybreak ■ Sovereign ■ Grainfields □ Chubby Chick □ Other □ Imports

Avg. poultry imports ≈ 7.4 million birds per week (6 months ending March 2019)

Source: SAPA & Own Estimates



TOTAL POULTRY IMPORTS (CHICKEN, MDM, TURKEY)

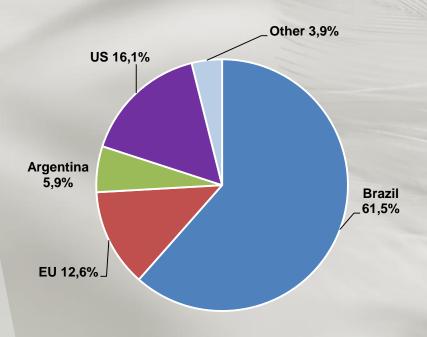




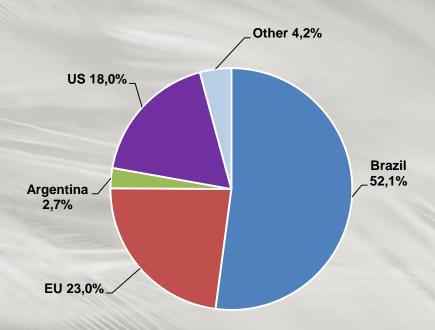
Source: SAPA

TOTAL POULTRY IMPORTS - COUNTRY OF ORIGIN

Country of origin for poultry imports - 2018



Country of origin for poultry imports - March 2019 YTD



566 210 tons

123 275 tons



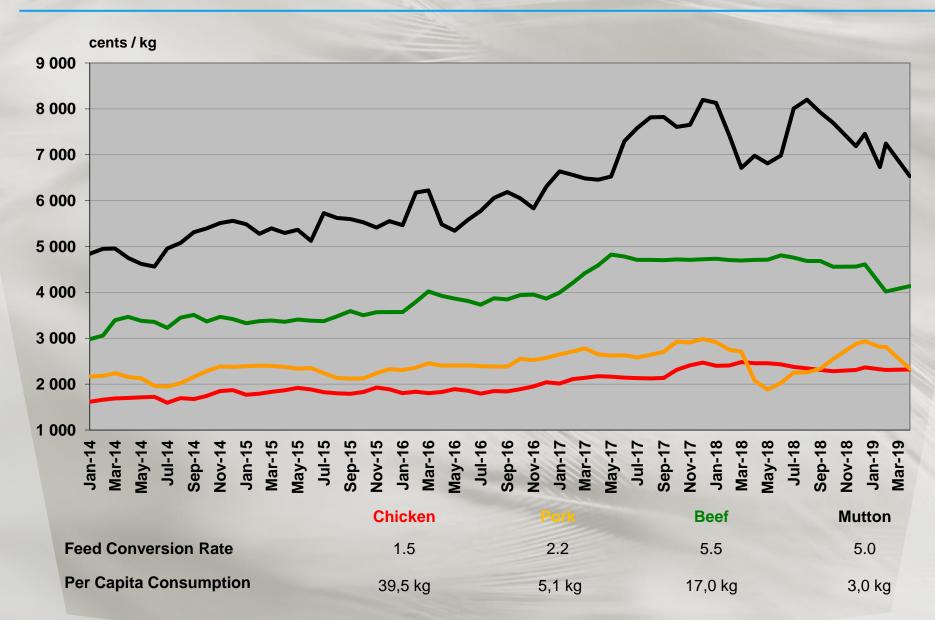
Source: SAPA

TOTAL POULTRY IMPORTS - COUNTRY OF ORIGIN

| Country | Imports (tons) | | | | | |
|----------------|----------------|---------|----------|--|--|--|
| | 2017 | 2018 | 2019 YTD | | | |
| Brazil | 337 476 | 348 155 | 64 212 | | | |
| United States | 87 059 | 91 374 | 22 153 | | | |
| Argentina | 32 816 | 33 278 | 3 363 | | | |
| Ireland | 24 746 | 26 328 | 7 052 | | | |
| Denmark | 16 884 | 25 672 | 5 794 | | | |
| Poland | 72 | 13 463 | 11 993 | | | |
| Thailand | 4 019 | 9 011 | 2 867 | | | |
| Canada | 14 431 | 7 305 | 1 576 | | | |
| Spain | 11 138 | 4 932 | 3 298 | | | |
| Chile | 1 770 | 4 362 | 614 | | | |
| Australia | 984 | 553 | 114 | | | |
| Swaziland | 24 | 482 | 23 | | | |
| Uruguay | 50 | 359 | | | | |
| Netherlands | 112 | 323 | 48 | | | |
| United Kingdom | 1 366 | 231 | 76 | | | |
| Germany | 134 | 222 | 37 | | | |
| Belgium | 23 451 | 23 | 27 | | | |
| Other | 344 | 137 | 28 | | | |
| Grand Total | 556 877 | 566 210 | 123 275 | | | |



SOUTH AFRICAN PROTEIN PRICE COMPARISON







POULTRY IMPORTS

- The EPA (SADC-EU Economic Partnership Agreement) safeguard for poultry bonein imports from the EU is in force
- Under the provision the safeguard duty on EU frozen bone-in portions will be as follows (to which the EU have declared a dispute):
 - 35.3% from 28 September 2018 up to and including 11 March 2019
 - 30% from 12 March 2019 up to and including 11 March 2020
 - 25% from 12 March 2020 up to and including 11 March 2021
 - 15% from 12 March 2021 up to and including 11 March 2022
- This duty levels the playing field somewhat, with imports from Brazil and the US subject to a 37% import duty (current) for these exporting countries (plus an antidumping duty on the US for which the AGOA 65 000 ton annual quota is exempt)
- Imports from the EU over the past couple of years have been substantially lower than historical levels, from a time where record EU imports were received in November 2016. This is due to the prevalence of highly pathogenic bird flu in a number of EU countries affecting EU trade with South Africa
- Import volumes previously supplied by the EU have switched to Brazil, which is currently the largest exporter of poultry products to South Africa



POULTRY IMPORTS

Tariff Investigation (Frozen Chicken)

- SAPA has made application made for an increase in the rate of custom duties for bone-in portions and boneless cuts from 37% and 12% respectively to the maximum bound rate of 82%
- ITAC has already found unfair trade within WTO rules and only the percentages are up for review
- The ITAC investigation was expected to be completed by the end of March 2019 with the Minister of Trade and Industry making his decision 2 to 4 weeks thereafter
- However, this has been delayed by an urgent application from AMIE and Merlog Foods where they are claiming:
 - Access to certain confidential information from SAPA and the Participating Producers ("Confidentiality Claim"); and
 - A right to receive a preliminary decision from ITAC for comment prior to making a recommendation to the Minister of Trade and Industry ("Constitutional Claim")

Anti-Dumping Application against Brazil

- Webber Wentzel provided an opinion that there is sufficient evidence to prove dumping of bone-in portions into South Africa
- It is necessary to update the 2017 injury information provided for the frozen chicken tariff investigation / application to include 2018
- It is has been recommended that ITAC be engaged informally to obtain its view on whether there is sufficient information to initiate an application



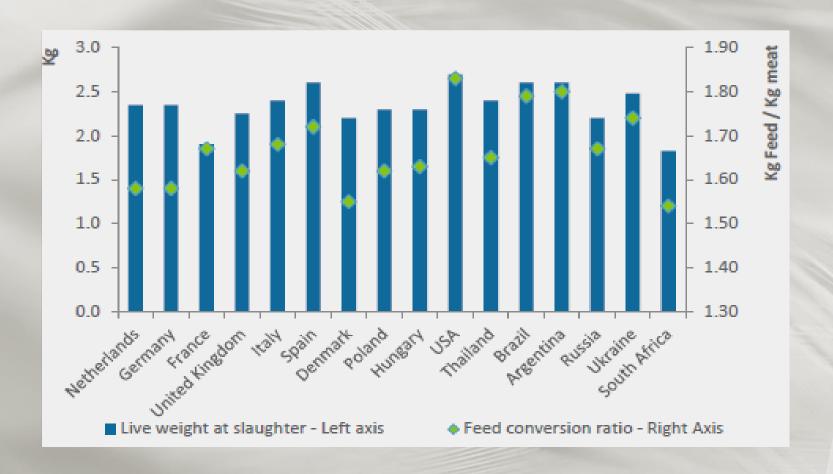
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- South Africa remains an efficient chicken producer in the global context, and has consistently produced chicken cheaper than European Union countries
- This is according to the latest research from the Bureau for Food and Agricultural Policy
- Data for major chicken producing countries is analysed every two years by Wageningen University and Research in the Netherlands, which has been ranked as one of the world's top agricultural universities
- Additional research to include the comparable South African data has been undertaken by the Bureau for Food and Agricultural Policy (BFAP), an independent research institute in Pretoria
- The report, based on data from 2017 was released during April 2019 by the BFAP
- South African producers remain competitive and were shown to produce a kilogram of chicken meat at a lower cost relative to the European producers included in the sample, but at a higher cost than the leading exporters such as the US and Brazil (with the difference mainly being attributable to feed costs)



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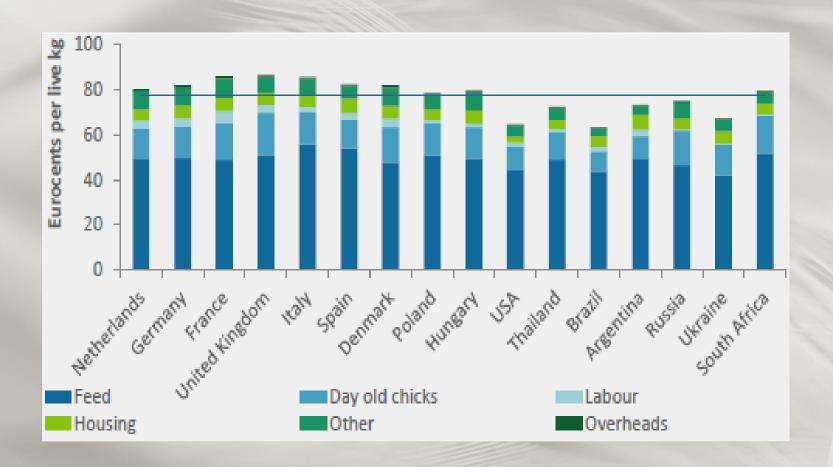
TECHNICAL EFFICIENCY





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ECONOMIC EFFICIENCY: TOTAL PRODUCTION COSTS







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