

## **AGENDA**



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- Industry Trends Page 20
- The Period in Perspective Page 28
- Financial Overview Page 30
- Industry Matters Page 41
- Outlook Page 43
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#### **BUSINESS OVERVIEW**

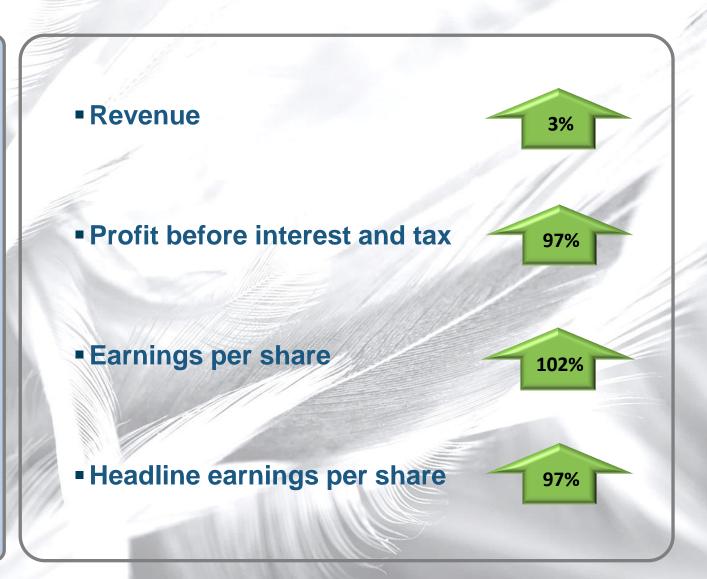


- A year of two distinct halves impacted by both feed input costs and poultry selling prices
- The year under review includes a number of factors that distort year-on-year comparisons and trends
- Operational realignment and specialised focus has contributed positively to the group's results

## **BUSINESS OVERVIEW**



Key Financial Indicators



#### **BUSINESS OVERVIEW**



#### **Poultry**

- Sales volumes down (brine)
- Planned production cutbacks
- Average sales realisations up
- Feeding cost decreased
- Bird performance improvement
- HPAI (bird flu) negative impact

#### **Feed**

- Sales volumes down
- General market contraction
- Lower internal feed required
- Old / New season crop swing
- Maize price disparity
- Rand per ton net margin down

#### **Other Africa**

Improved profitability – better performance from all three countries

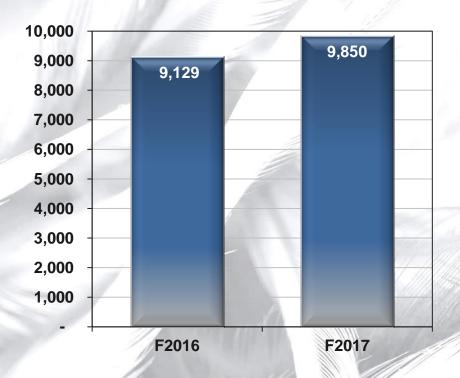


Astral is
a leading
Southern
African
integrated
poultry
producer

## **POULTRY DIVISION - OVERVIEW**

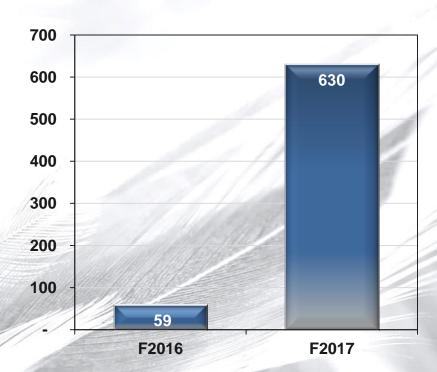






- Revenue up 7.9%
  - Broiler sales volumes down 8.6%
  - Broiler sales realisations up 20.6%

#### **Operating profit - R million**



- Operating profit up
  - Selling price contribution
  - Net margin 6.4% F2016: 0.5%

#### **POULTRY DIVISION - OVERVIEW**

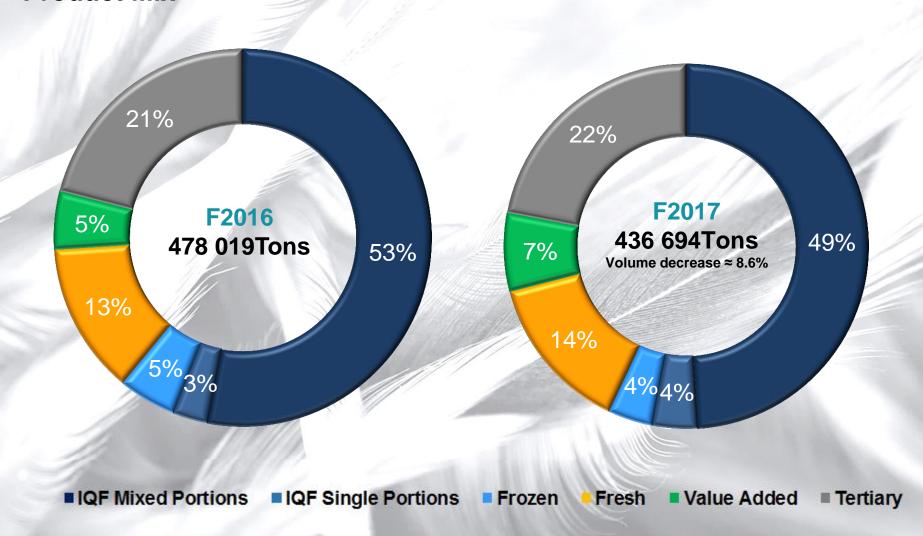


- Broiler sales volumes decreased by 8.6% (≈ 41 000 tons) mainly due to the new brine legislation and planned broiler production cutbacks of 3 million birds
- Broiler sales realisations increase impacted by a shift in the product offering due to the brine impact and the recovery of inflationary cost contributors
- IQF sales realisations were higher as the lower priced 30% IQF was discontinued and replaced with 15% brined IQF at a higher cost
- Broiler feed prices increased year-on-year by 3.3%, due to an enhanced feeding programme, despite lower raw material costs in the latter half of the year
- Improved broiler production efficiencies FCR improvements on new feeding programme more than offset the increased feed price
- Highly pathogenic avian influenza biological stock write-off of R54 million

# **POULTRY DIVISION - OVERVIEW**

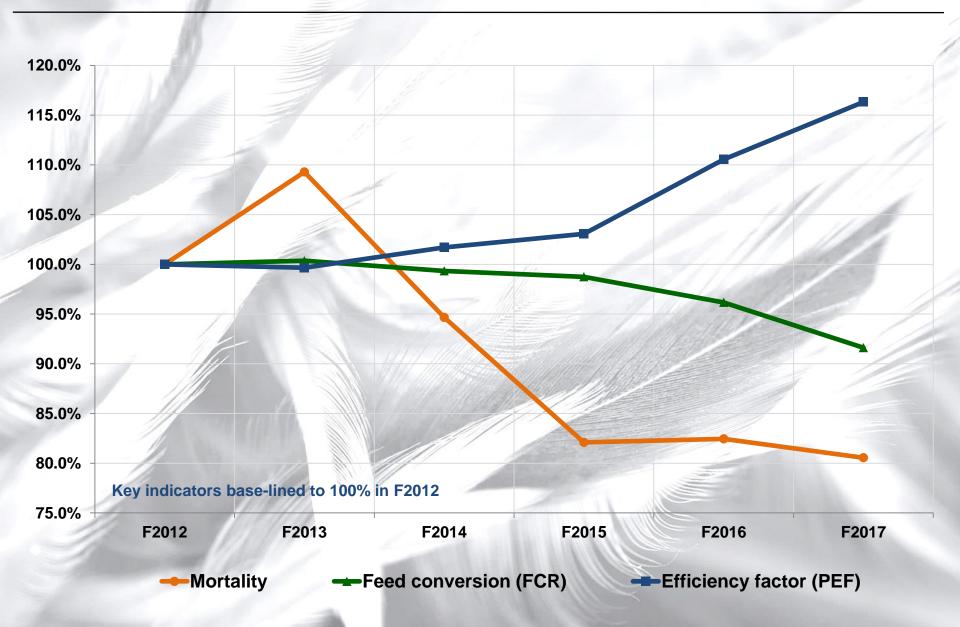






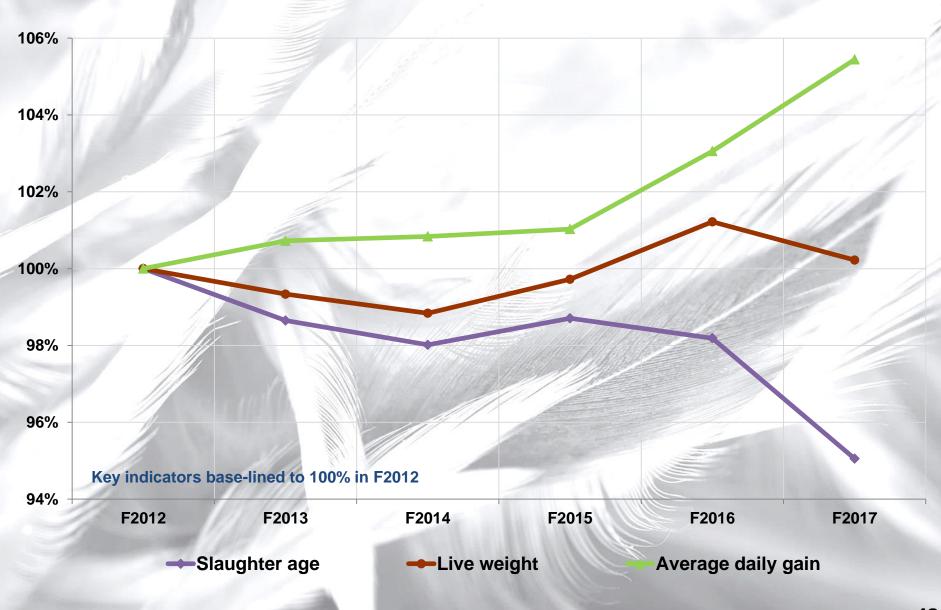
# **BROILER PRODUCTION PERFORMANCE**





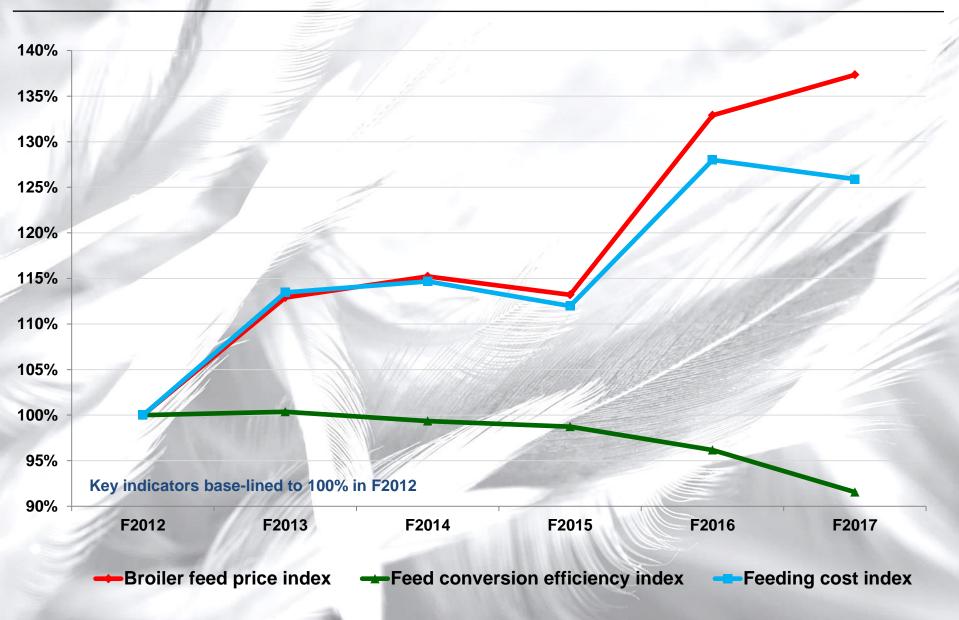
# **BROILER PRODUCTION PERFORMANCE**





# **BROILER PRODUCTION PERFORMANCE**





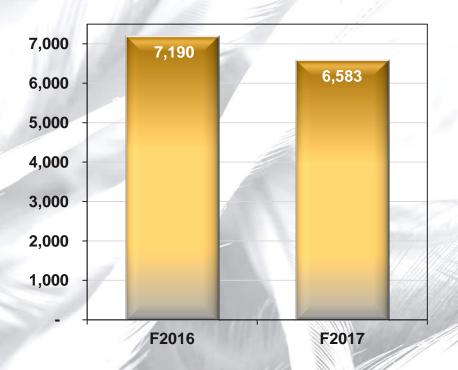


**Astral** is a leading Southern **African** integrated poultry producer ,,

# **FEED DIVISION - OVERVIEW**

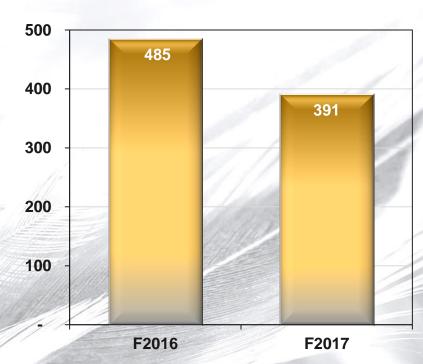






- Revenue down 8.4%
  - Sales volumes down 4.8%
  - Average selling prices down 3%

#### Operating profit - R million



- Operating profit down 19.3%
  - Net margin 5.9% F2016: 6.7%
  - Difficult trading conditions

#### **FEED DIVISION - OVERVIEW**

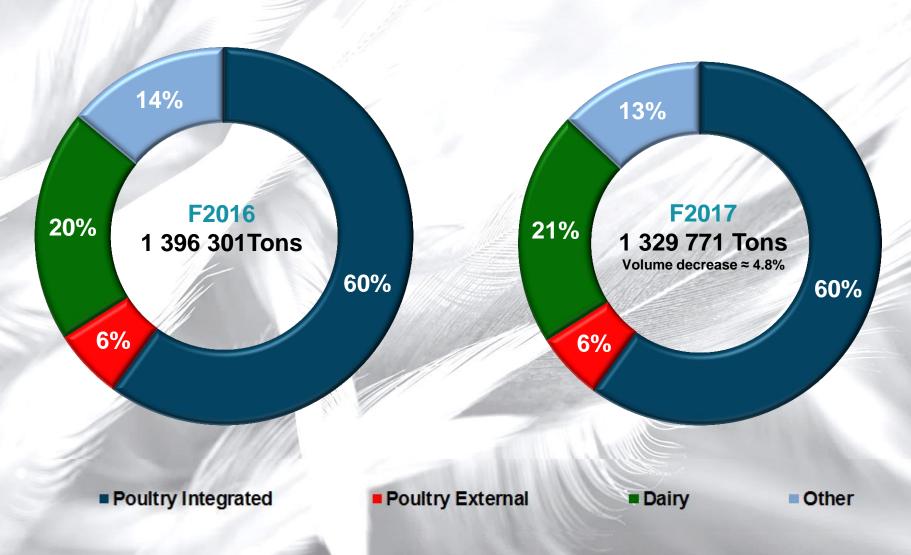


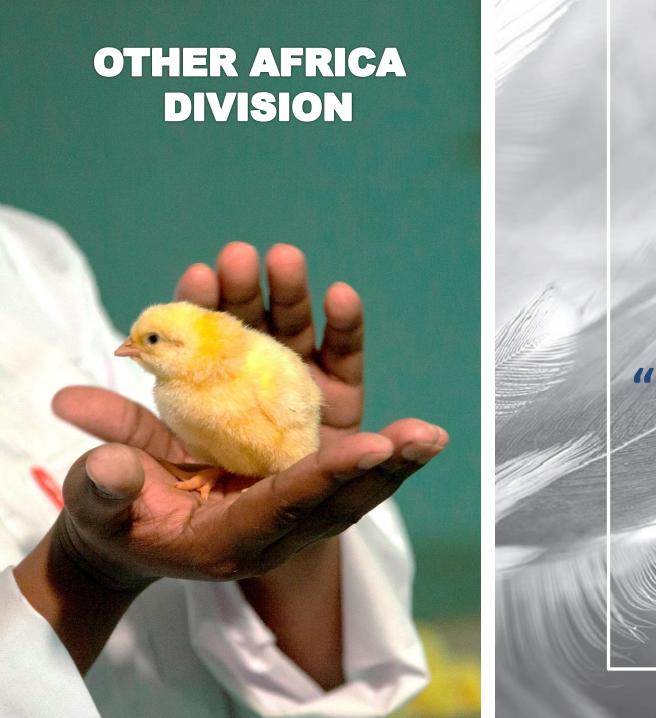
- Feed volumes decreased due to lower internal feed requirements and lower external feed sales
- Competitive intensity in the commercial feed market on surplus capacity available in the industry
- Record high feed prices in first half of F2017 on back of raw material positions due to limited procurement opportunities on worst maize crop in 2016 (7,7 million tons – "price disparity")
- Record high maize crop in 2017 resulted in a significant drop in animal feed prices in the second half of F2017 (16,7 million tons)
- Total expenses were well contained however the lower volumes negatively impacted margin contribution

# **FEED DIVISION - SALES**



#### **Meadow Feeds - Sales Mix**



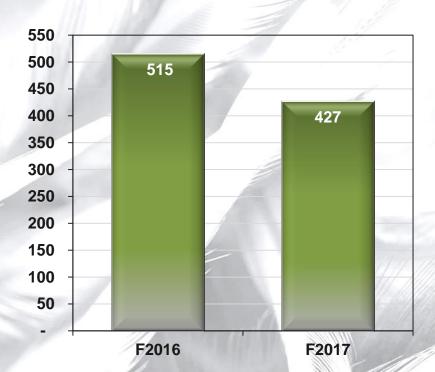




## **OTHER AFRICA DIVISION - OVERVIEW**

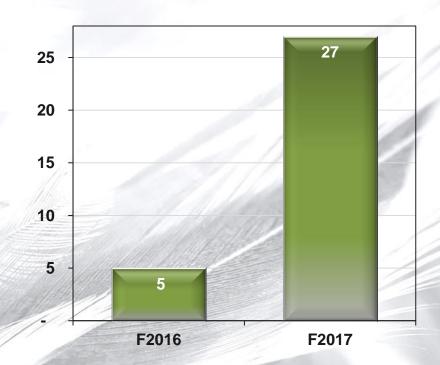






- Revenue down 17.2%
  - Sales volumes down 12.7%
  - Average selling prices down 6.3%

#### **Operating profit - R million**



- Operating profit up
  - Net margin 6.3% F2016: 1%
  - Zambia feed mill good performance



## SAFEX YELLOW MAIZE PRICE





Source: CJA Strategic Risk Brokers 21

#### SAFEX YELLOW MAIZE PRICE vs. CBOT IN RAND TERMS

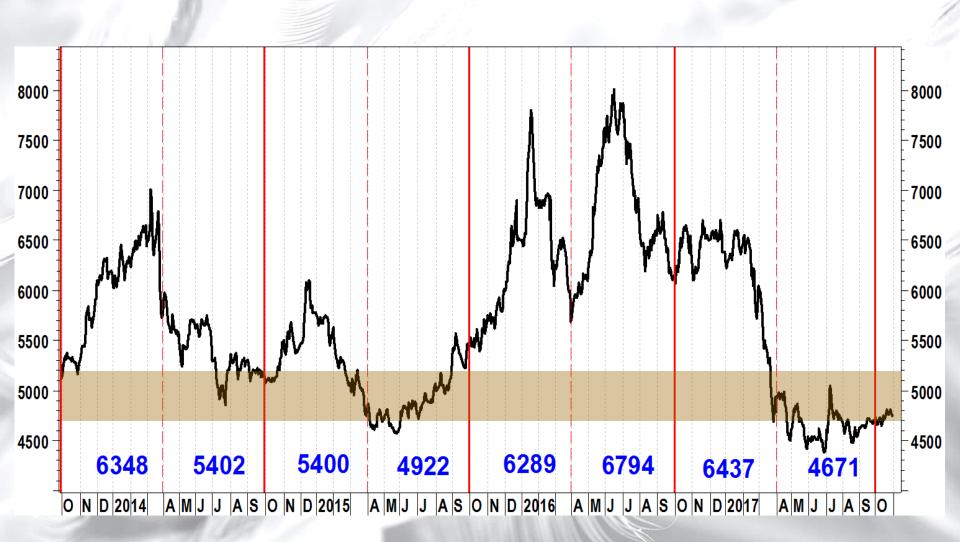




Source: CJA Strategic Risk Brokers

## **SAFEX SOYA BEANS PRICE**

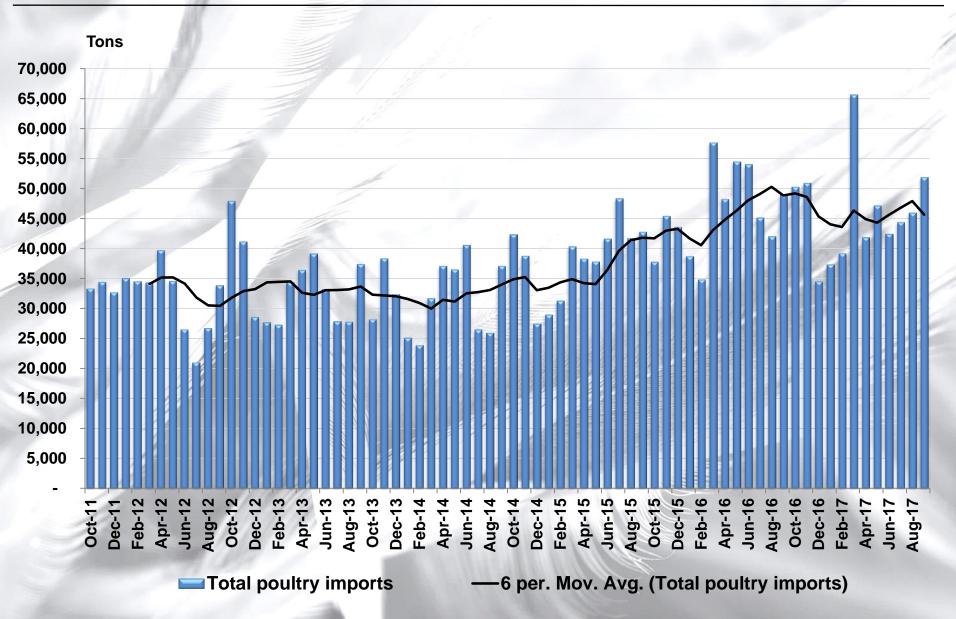




Source: CJA Strategic Risk Brokers 23

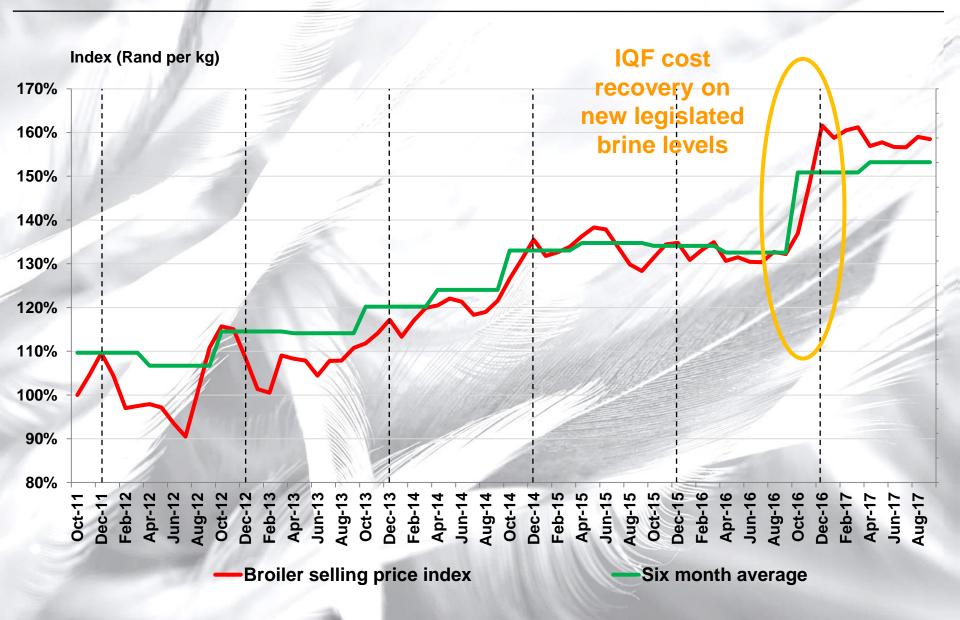
#### **POULTRY IMPORTS PER MONTH**





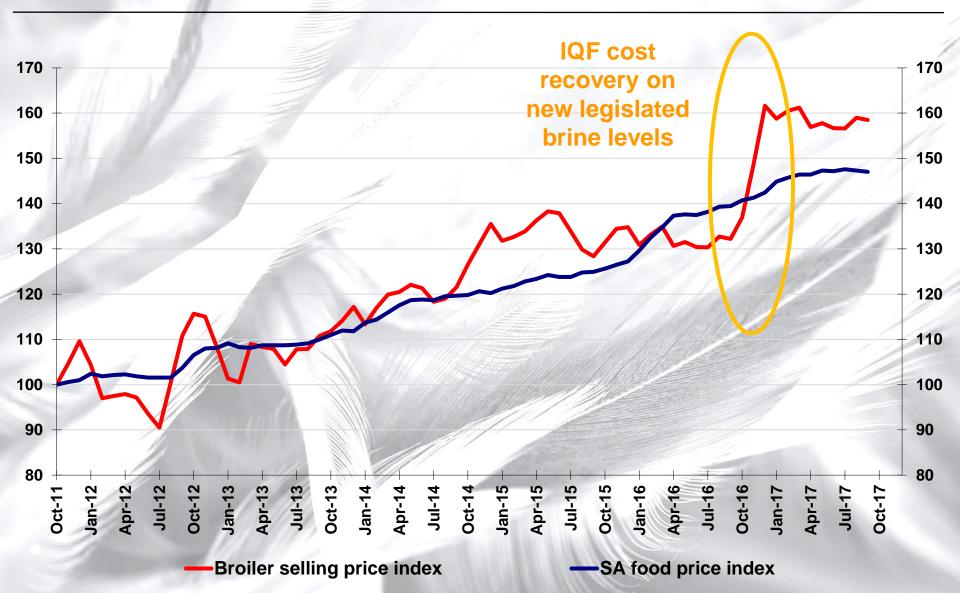
## **BROILER SELLING PRICES**





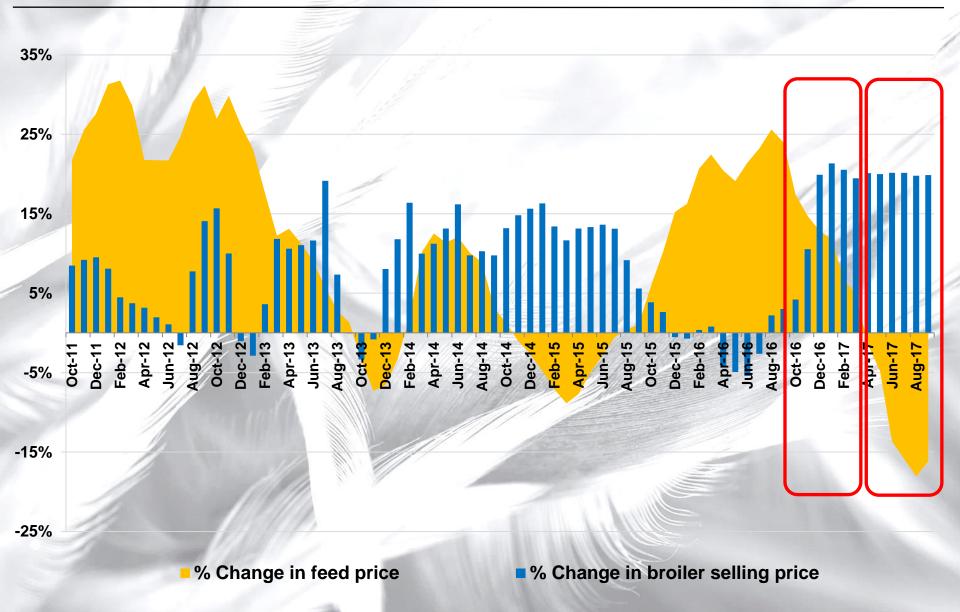
## **BROILER PRICE vs. FOOD PRICE INFLATION**





#### **CHANGE IN BROILER PRICE vs. FEED PRICE**



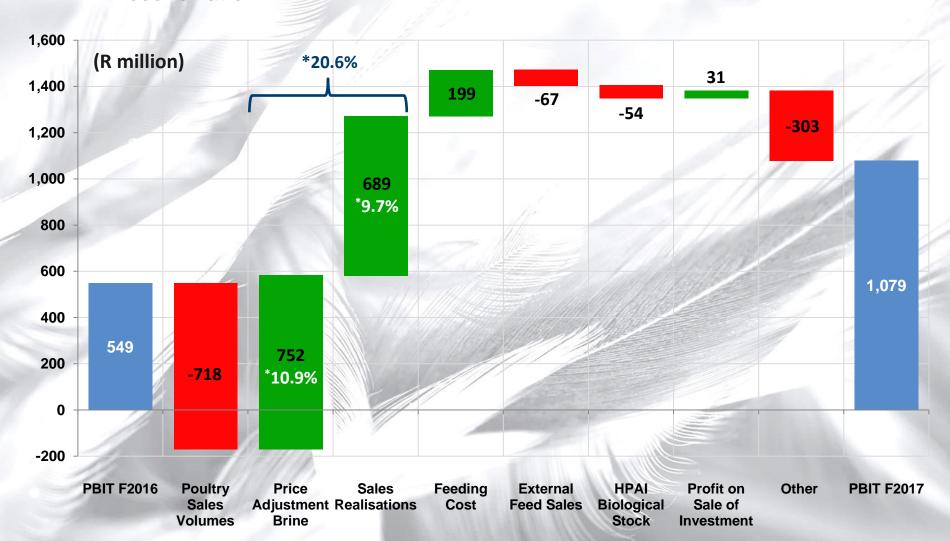




## THE PERIOD IN PERSPECTIVE



#### PBIT reconciliation



<sup>\*</sup> Increase in sales realisations



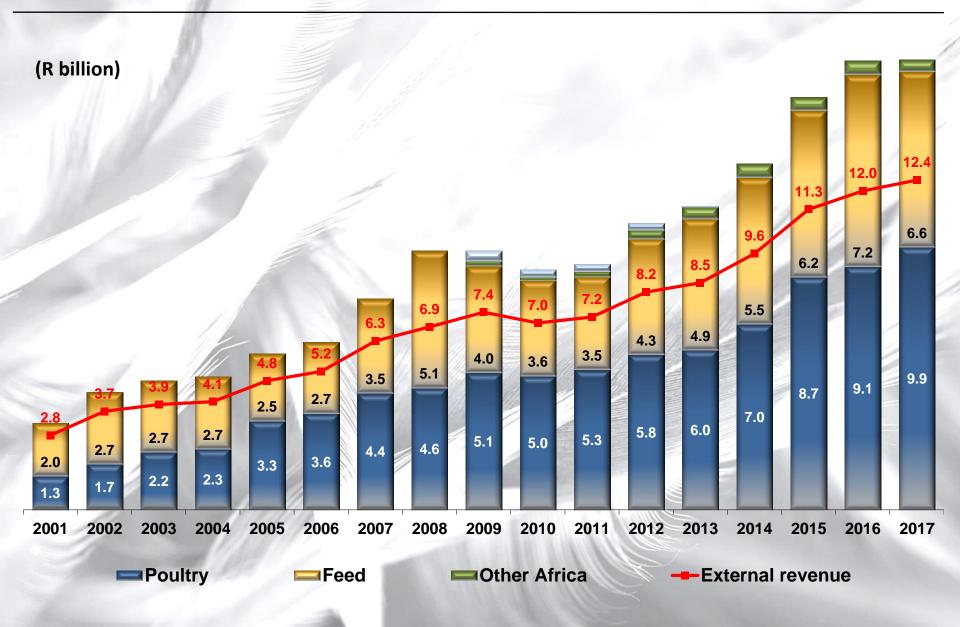
#### **ABRIDGED STATEMENT OF COMPREHENSIVE INCOME**



Year ended 30 September	2017 R million	2016 R million
Revenue	12 351	11 954
Operating profit	1 048	549
Operating profit margin	8.5%	4.6%
Profit on sale of investment	31	-
Profit before interest and tax	1 079	549
PBIT margin	8.7%	4.6%
Net finance costs	(15)	(22)
Share of profit in associates		(1)
Profit before tax	1 064	526
Tax	(309)	(154)
Profit for the period	755	372
Headline earnings	735	373
EPS – Cents	1 948	964
HEPS – Cents	1 899	965

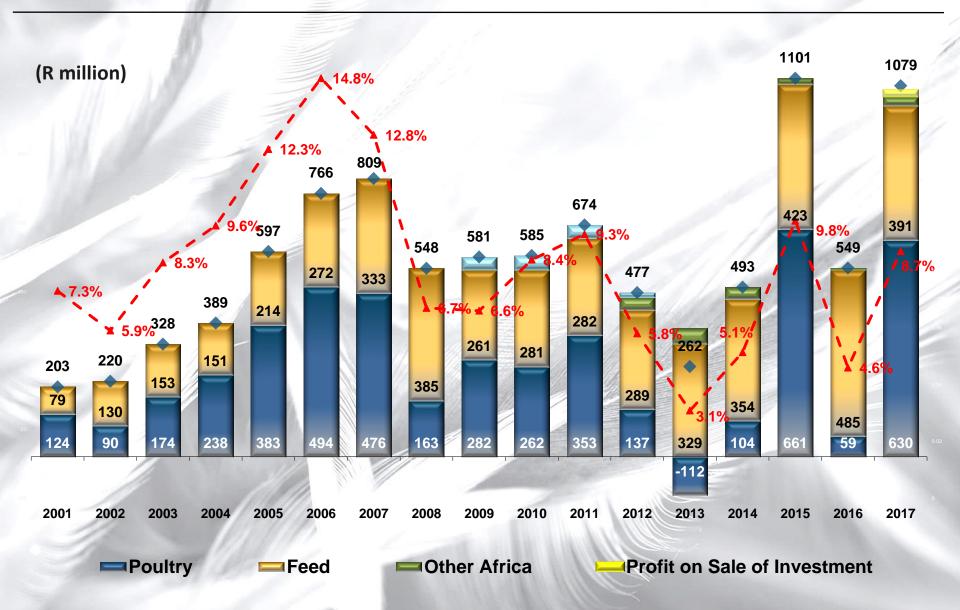
## **GROUP ANNUAL REVENUE**





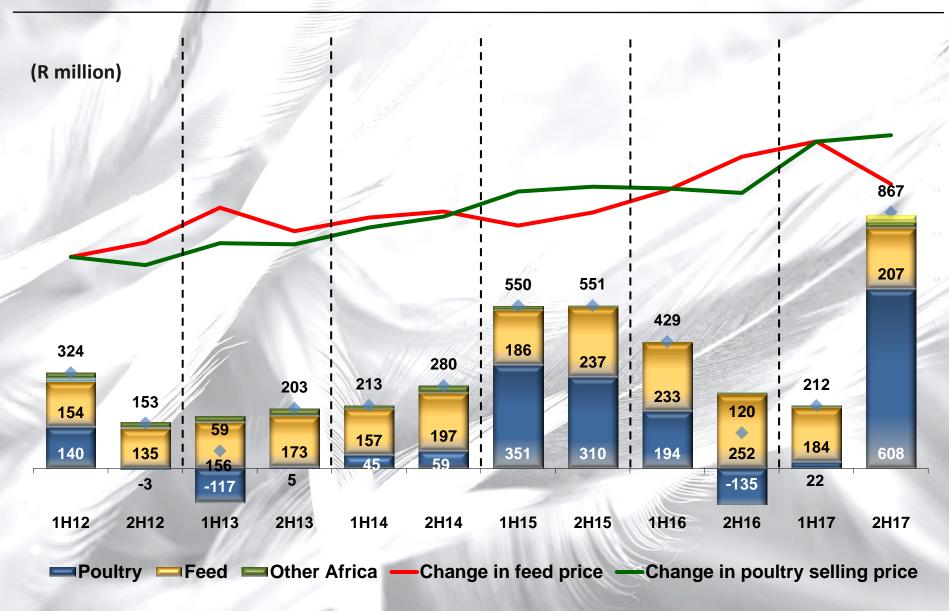
## **GROUP ANNUAL OPERATING PROFIT**





## **GROUP SIX MONTHLY OPERATING PROFIT**





#### **ABRIDGED BALANCE SHEET**



	September 2017 R million	September 2016 R million
Non-current assets	2 228	2 230
Assets held for sale	, er-	25
Net working capital	862	1 003
Current assets (excl. cash)	2 461	2 588
Current liabilities (excl. borrowings)	(1 599)	(1 585)
Non-current liabilities (excl. borrowings)	(610)	(646)
Net assets	2 480	2 612
Net debt / (Surplus cash)	(553)	240
■ Loans		35
<ul> <li>Cash and cash equivalents</li> </ul>	(553)	205
Equity	3 033	2 372
Total	2 480	2 612

% change 14% 5% 1% 6% 5% 5%

# **WORKING CAPITAL**



For the twelve months ended 30 September	2017 R million	2016 R million	Variance R million
Current assets	2 461	2 588	(127)
Biological assets	658	735	(77)
Inventory - Poultry	316	314	// 2
- Feed	185	362	(177)
- Other Africa	50	41	9
Trade receivables	1049	998	51
Receivables – investment sold	56		56
Other receivables	147	138	9
Current liabilities	(1 599)	(1 585)	(14)
Trade payables	(1 151)	(1 390)	239
Other payables	(448)	(195)	(253)
Net working capital	862	1 003	(141)

### **ABRIDGED STATEMENT OF CASH FLOW**



For the twelve months ended 30 September	2017 R million	2016 R million
Cash operating profit	1 428	546
Working capital movement	(63)	(46)
	1 365	500
Tax paid	(310)	(122)
Net interest paid	(11)	(22)
Capital expenditure	(180)	(174)
	864	182
Dividends paid	(108)	(373)
Government grant received	29	
Other cash flow items	7	10
Loans (repaid) / received	(35)	(49)
Movement in cash equivalents	757	(230)
Effect of exchange rate changes	1	(1)
Opening balance	(205)	26
Closing balance	553	(205)

### **CAPITAL EXPENDITURE**



Twelve months ended 30 September	2017 R million	2016 R million
Depreciation	149	144
Total capex	180	174
Commitments	148	105
Total spend and committed	328	279

#### **HEADLINE EARNINGS & DIVIDEND PER SHARE**







F2001 F2002 F2003 F2004 F2005 F2006 F2007 F2008 F2009 F2010 F2011 F2012 F2013 F2014 F2015 F2016 F2017

■ Headline earnings per share

Dividend per share

### **IN SUMMARY**



Recovery in Profits in 2H2017 with profit margin at 13.2% (1H2017: 3.7%)

Positive cash flow accelerates in 2H2017 (R703 million)

Net surplus cash at year-end (R553 million)

• Final dividend of 875 cps within the Group's liquidity capability

• Full year dividend of 1 055 cps at 1.8 times cover



### **INDUSTRY MATTERS**



■ Poultry imports – Page 63

Highly Pathogenic Avian Influenza (HPAI) – Page 64

■ Industry consolidation — Page 65



### **OUTLOOK**



- The negative political landscape and policy uncertainty has contributed to a weak economic environment that could lead to a further downgrade by the credit rating agencies. Record unemployment levels and lower levels of disposable income are unlikely to improve due to a poor economic outlook for the foreseeable future.
- Continued high level of poultry imports with weak tariff protection, has allowed foreign produced poultry to become further entrenched in the local market leading to a contraction in production amongst South African producers.
- On a positive note and key to local protein production, both global and local coarse grains
  (maize and soybeans) exhibit healthy stock-to-use ratios. Current consensus points
  towards the promise of another year where at least average local grain production is predicted.
- Numerous supply constraints influenced by the past drought, production cutbacks and the devastating bird flu could result in further inflation in the food basket.
- Further unlocking the inherent genetic potential of the Ross broiler breed through optimised broiler nutrition, and the cementing of Astral's best cost strategy.
- The threat of further spread of the highly pathogenic bird flu virus (H5N8) is a major contributor towards uncertainty around the sustainability of certain sectors of the local poultry industry. The role of vaccination of high value breeding stock as a preventative measure, together with the concept of compensation for losses incurred is paramount to managing this highly virulent avian disease.

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



### **WHAT WE SAID IN MAY 2017**



 The weakened state of consumer spending is unlikely to improve due to poor economic growth and higher unemployment.



■ The current safeguard duty recommended by ITAC against the EU is not expected to significantly curb poultry import levels (March 2017 USA spike).



■ The new brining regulations will continue to negatively impact total kilograms sold at the revised brining level of 15% on IQF product.



 The risk of permanent power cuts by Eskom to Astral's operations in Standerton has been negated through an order of the High Court.



 Record local maize crop is expected for the current harvest season at 14,5 million tons which historically is the largest change in the crop size yearon-year (2016: 7,7 million tons).

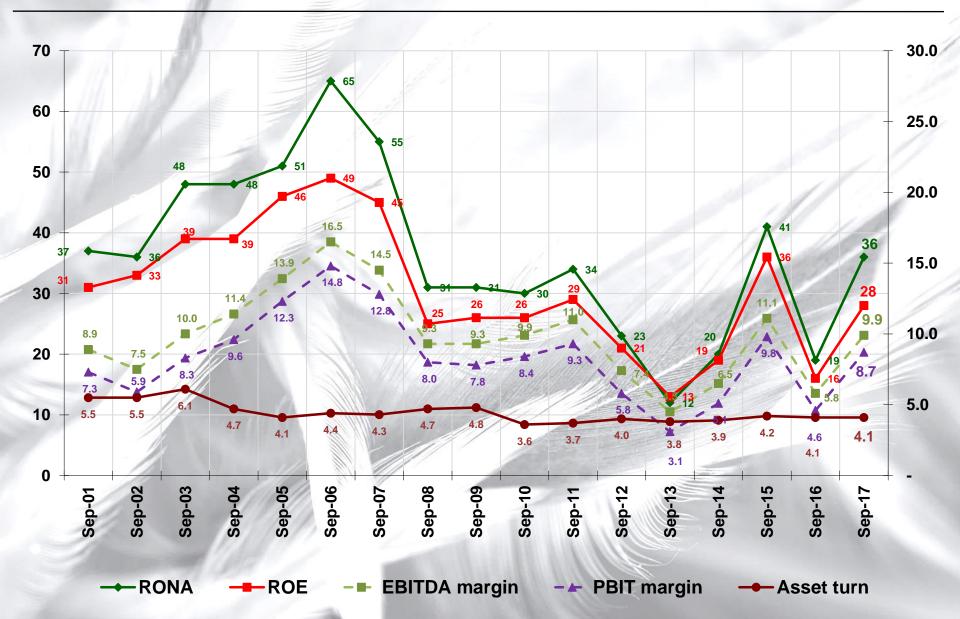


 Poultry production efficiencies are expected to remain intact on the back of superior nutrition optimising the genetic potential of the Ross 308 breed.



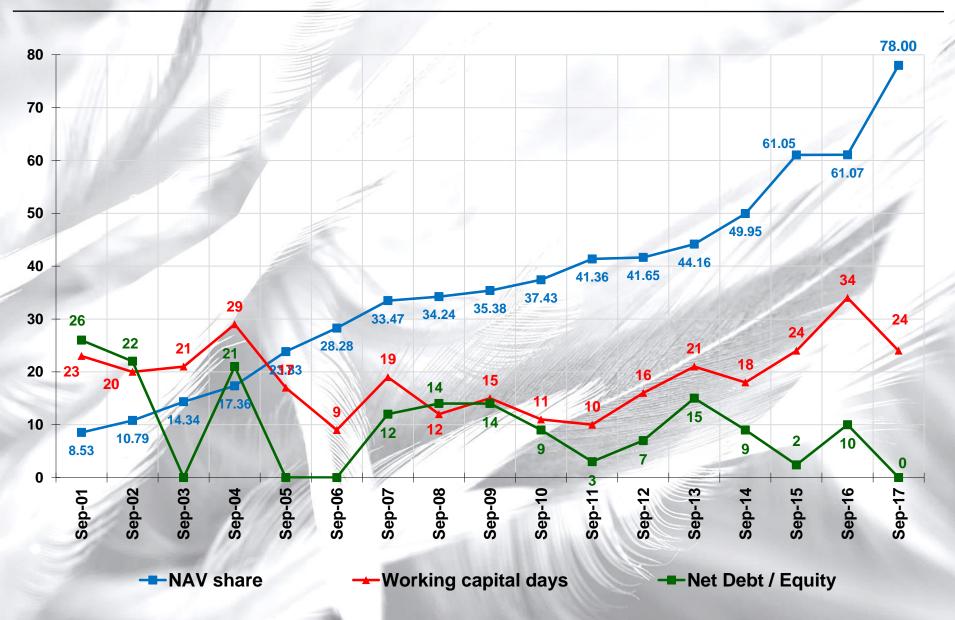
### **KEY FINANCIAL RATIOS**





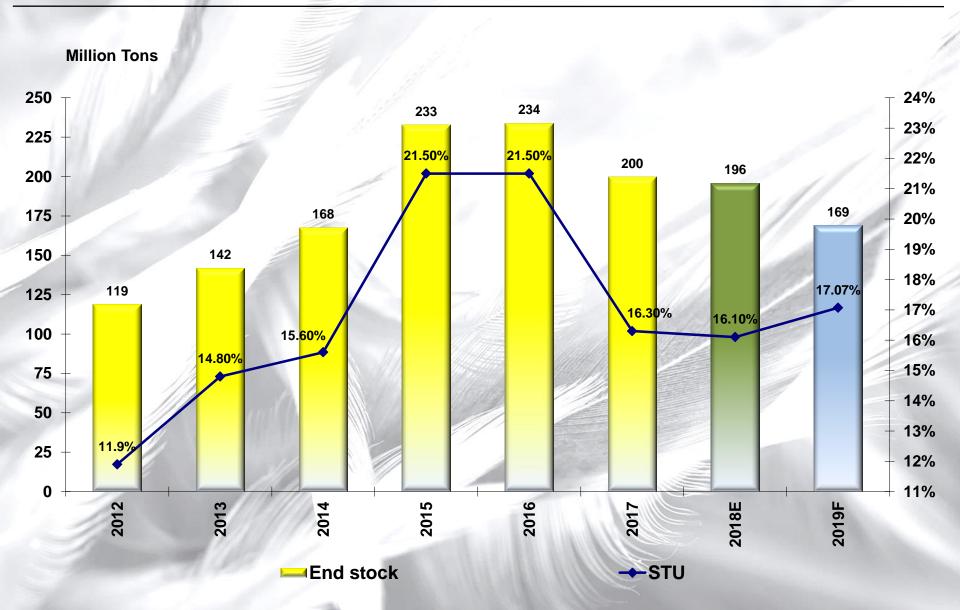
### **KEY FINANCIAL INDICATORS**





### **WORLD CORN ENDING STOCKS vs. STU**





Source: CJA Strategic Risk Brokers 50

### **SOUTH AFRICA – TOTAL MAIZE SUPPLY & DEMAND**

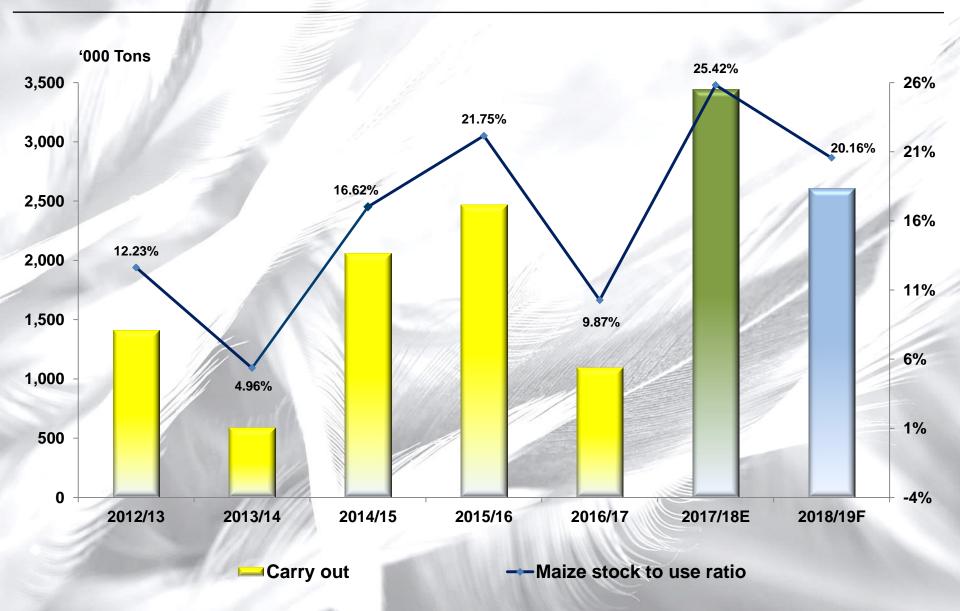


								1
Marketing year (May to April)	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18E	2018/19F	
'000 tons	Actual	Actual	Actual	Actual	Actual	<b>Estimate</b>	Forecast	
Carry In (1 May)	991	1,414	589	2,074	2,471	1,093	3,446	-
Crop Estimate	12,121	11,811	14,250	9,955	7,779	16,744	12,751	
Retentions			433	163	309	837	638	
Sagis Delivery	11,972	11,072	13,817	9,794	7,469	15,907	12,114	
Minus early deliveries	0	0	0	0	450	0	0	
Imports	11	80	65	1,964	2,237	0	0	
Total Supply	12,973	12,566	14,471	13,831	11,727	17,000	15,559	
Domestic Usage Food	4,499	4,583	4,840	4,698	4,808	4,872	4,908	ì
Domestic Usage Feed	4,378	4,715	5,041	5,520	5,004	5,399	5,220	ì
Gristing, withdrawn & released	674	480	376	293	278	358	343	
Total Domestic Usage	9,551	9,777	10,257	10,512	10,090	10,630	10,471	ı
								ı
Exports & Sundries	2,008	2,122	2,153	848	993	2,925	2,477	ı
Plus early deliveries	0	0	0	0	450	0	0	ı
Carry Out (30 Apr)	1,414	590	2,062	2,471	1,093	3,446	2,611	
No of days usage	54	25	73	86	40	118	91	
STU	12.23%	4.96%	16.62%	21.75%	9.87%	25.42%	20.16%	
				THE RESERVE TO THE PERSON NAMED IN				

Source: CJA Strategic Risk Brokers

### **RSA MAIZE CARRY OUT & STOCK TO USE RATIO**



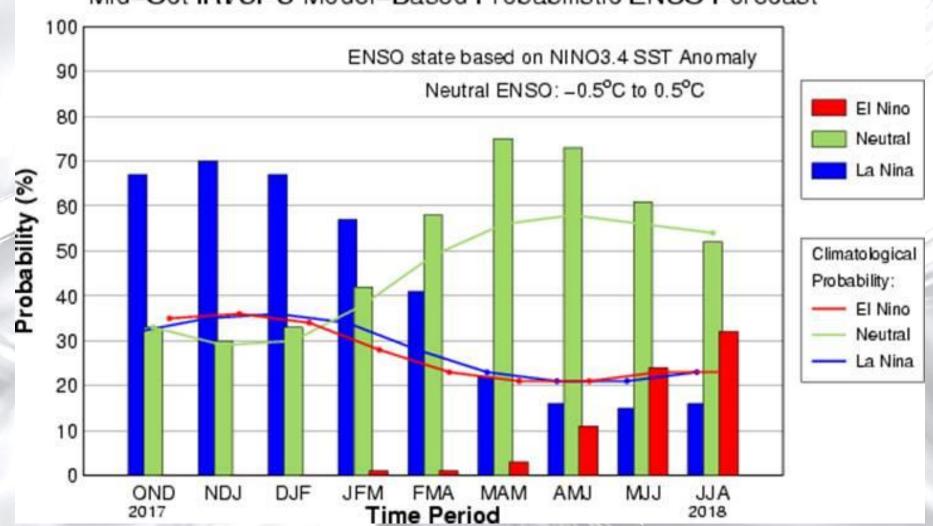


Source: CJA Strategic Risk Brokers 52

#### **EL NIÑO SOUTHERN OSCILLATION - FORECAST**



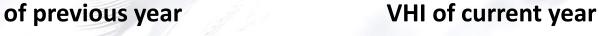


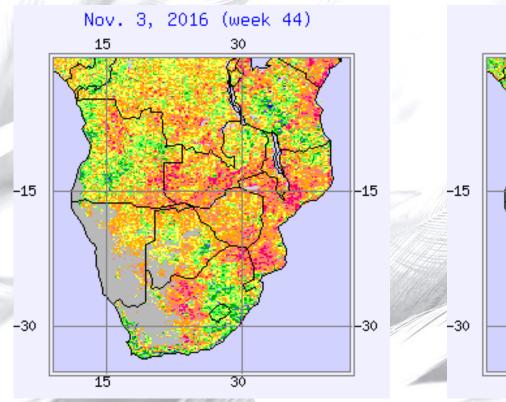


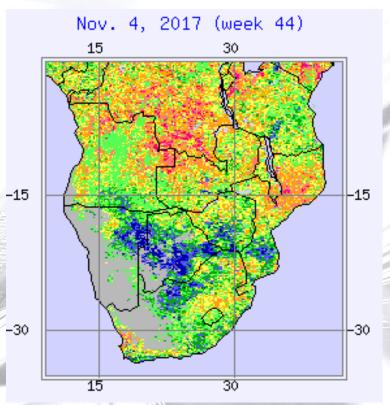
#### **SOUTHERN AFRICA – VEGETATION HEALTH INDEX**

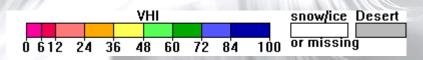


#### VHI of previous year



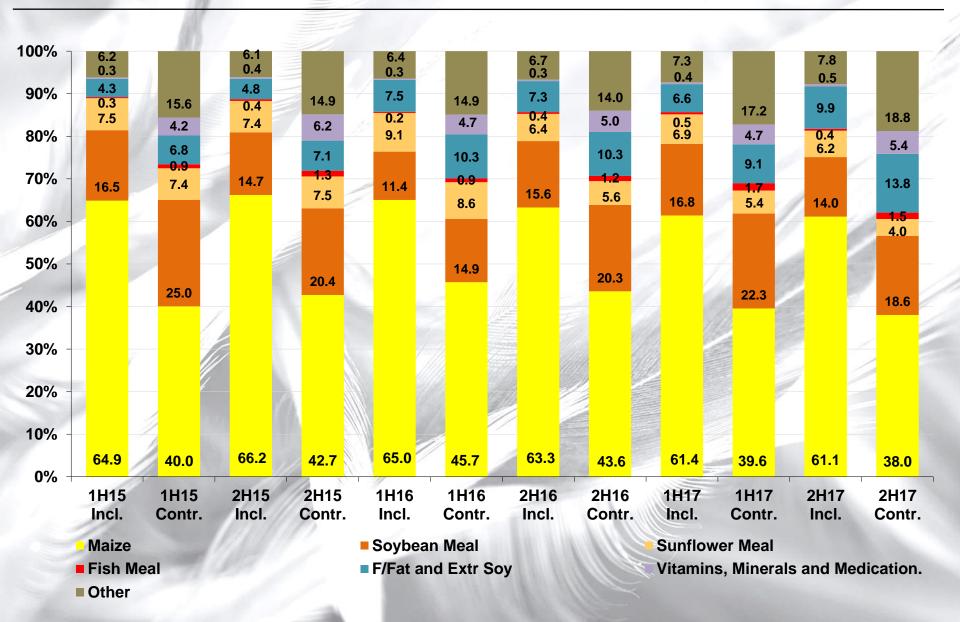






#### **BROILER FEED - INGREDIENT INCLUSION & COST CONTRIBUTION**





Source: Own Data 55

### **BRAZIL, EU & USA PRODUCT COST BENCHMARK**



The state of the s					
40		Ex BRAZIL – November 20			
		EN LEG QUARTERS BULK			
CIF DBN US\$ per ton	TON	1 150.00	1 150.00	1 150.00	SA COST
R/\$ exchange rate	R\$	13.80	14.00	14.30	
Rand per ton	TON	15 870.00	16 100.00	16 445.00	22 640.00
Rand per kg	KG	15.87	16.10	16.45	22.64
Duty per kg	KG	37%	37%	37%	
Clearance costs	KG	0.65	0.65	0.65	11 1
COST INTO STORAGE	KG	22.39	22.71	23.18	22.64
Storage	KG	0.50	0.50	0.50	# 1 ·
Distribution	KG	0.70	0.70	0.70	0.95
Marketing, Administration, Finance	KG	0.80	0.80	0.80	0.89
TOTAL COST	KG	24.39	24.71	25.18	24.48
	EUROPE	Ex NETHERLANDS - Nove	ember 2017		
	FROZ	EN LEG QUARTERS BULK	PACKED		
CIF DBN € per ton	TON				SA COST
€ exchange rate	R\$				
Rand per ton	TON	90%			22 640.00
Rand per kg	KG	oby of			22.64
Duty per kg	KG		019		70.00
Clearance costs	KG		Avia		770
COST INTO STORAGE	KG		'an In		22.64
Storage	KG		11/40		The same
Distribution	KG		Te to Avian Influe,	729	0.95
Marketing, Administration, Finance	KG		Will the		0.89
TOTAL COST	KG	TO STATE OF THE STATE OF	MI II		24.48

Source: Own Estimates 56

### **BRAZIL, EU & USA PRODUCT COST BENCHMARK**

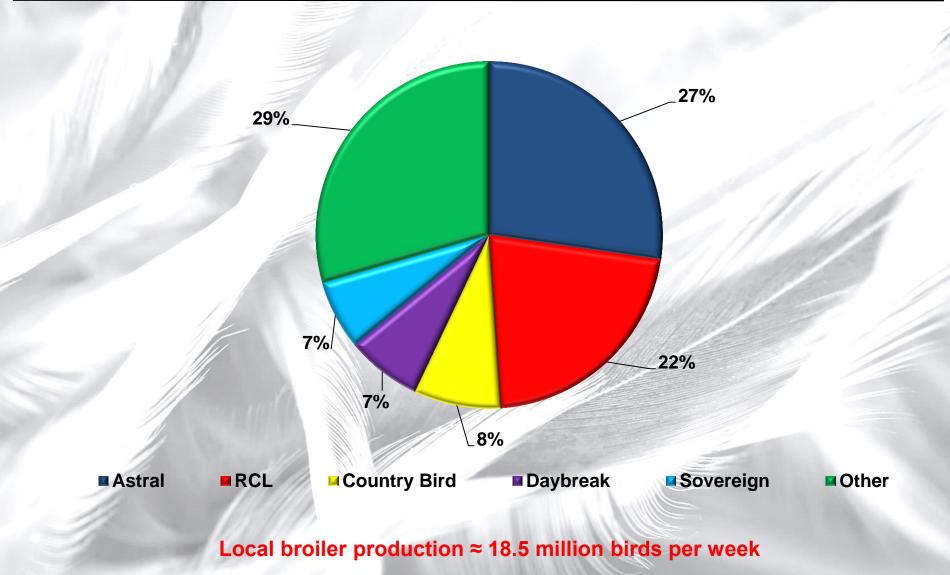


	FROZ	ZEN LEG QUARTERS BULK	PACKED		
CIF DBN € per ton	TON	1 400.00	1 400.00	1 400.00	SA COS
R/€ exchange rate	R\$	16.30	16.50	16.80	
Rand per ton	TON	22 820.00	23 100.00	25 320.00	22 640.00
Rand per kg	KG	22.82	23.10	23.52	22.64
Duty per kg	KG	0%	0%	0%	
Clearance costs	KG	0.65	0.65	0.65	
COST INTO STORAGE	KG	23.47	23.75	24.17	22.64
Storage	KG	0.50	0.50	0.50	
Distribution	KG	0.70	0.70	0.70	0.9
Marketing, Administration, Finance	KG	0.80	0.80	0.80	0.89
TOTAL COST	KG	25.47	25.75	26.17	24.48
		Ex USA – November 201	<b>7</b>		
	FROZ	ZEN LEG QUARTERS BULK	PACKED		
CIF DBN US\$ per ton	TON	900.00	900.00	900.00	SA COST
R/\$ exchange rate	R\$	13.80	14.00	14.30	
Rand per ton	TON	12 420.00	12 600.00	12 870.00	22 640.00
Rand per kg	KG	12.42	12.60	12.87	22.64
Duty per kg	KG	37.00%	37.00%	37.00%	
Clearance costs	KG	0.65	0.65	0.65	
COST INTO STORAGE	KG	17.67	17.91	18.28	22.64
Storage	KG	0.50	0.50	0.50	
Distribution	KG	0.70	0.70	0.70	0.9
Marketing, Administration, Finance	KG	0.80	0.80	0.80	0.89
TOTAL COST	KG	19.67	19.91	20.28	24.48

Source: Own Estimates 5

### **LOCAL BROILER PRODUCTION & MARKET SHARE**

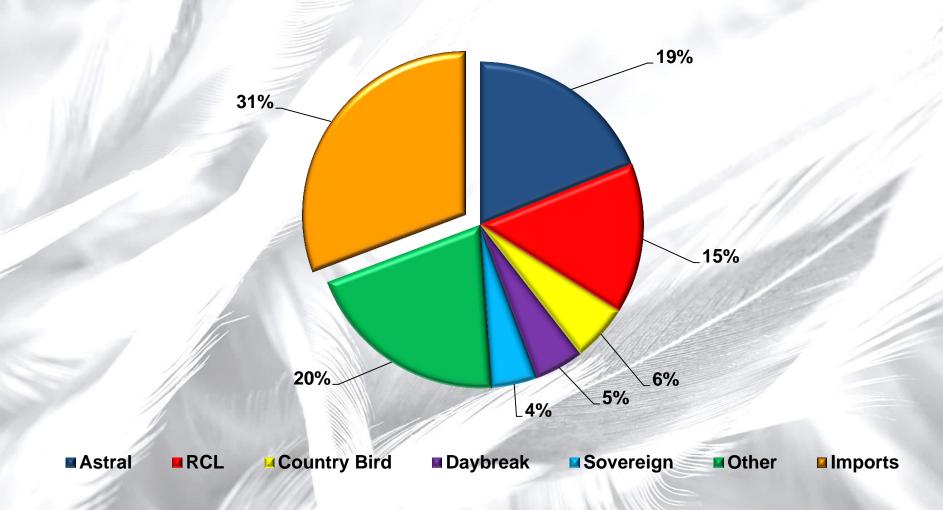




Source: Own Estimates 58

### **LOCAL BROILER PRODUCTION & MARKET SHARE**

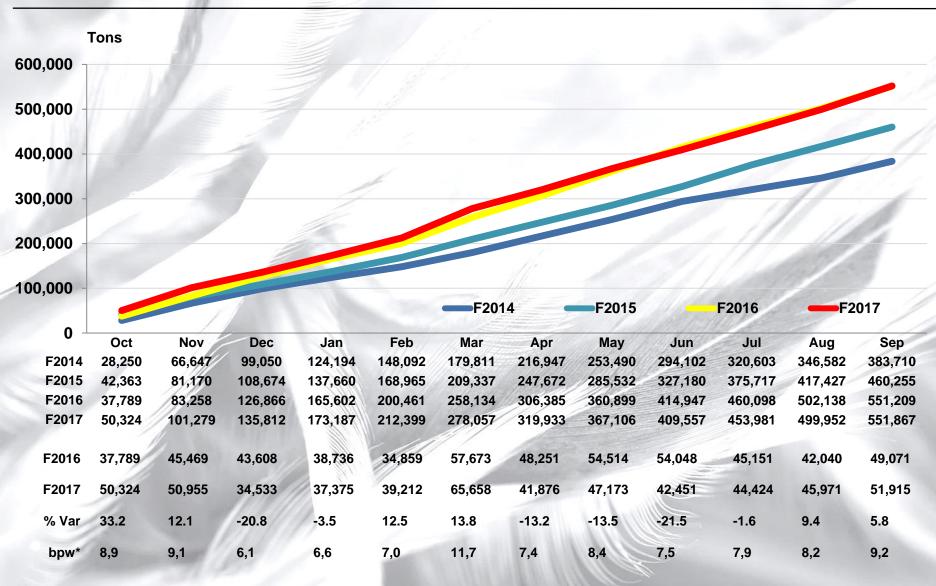




Avg. poultry imports ≈ 8,2 million birds per week (12 months ending September 2017)

### TOTAL POULTRY IMPORTS (CHICKEN, TURKEY, MDM)





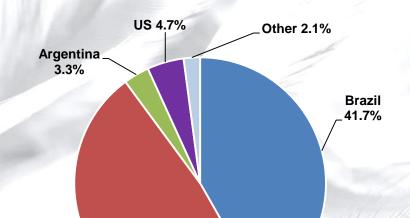
<sup>\*</sup>bpw ≈ million birds per week

Source: SAPA 60

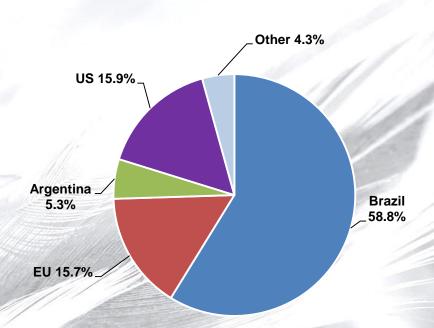
### **TOTAL POULTRY IMPORTS – COUNTRY OF ORIGIN**







# Country of origin for poultry imports - September 2017 YTD



**560 155 tons** 

EU 48.1%\_

416 055 tons

Source: SAPA 61

### **TOTAL POULTRY IMPORTS – COUNTRY OF ORIGIN**



(1)					
Country					
	2014	2015	2016	2017 YTD	
Brazil	168 666	241 180	233 787	244 564	
Netherlands	73 987	61 995	110 344	112	
United Kingdom	43 009	15 985	45 647	1 319	
Spain	10 356	27 090	39 620	11 138	
United States	5 022	331	26 573	66 188	
Belgium	11 994	35 613	24 256	23 451	
Argentina	21 586	27 718	18 713	22 080	
Ireland	8 286	13 336	15 556	18 555	
Hungary	7 758	10 547	13 174	0	
Denmark ///	6 133	9 508	9 779	10 785	
Canada	5 255	131	8 884	12 219	
Germany	21 821	554	6 073	81	
Poland		450	4 773	72	
Thailand	347	7 616	2 078	3 477	
Chile	928	408	360	721	
Australia	43	264	254	956	
France	7 294	24 895	105	3.1	

Source: SAPA 6

#### **POULTRY IMPORTS**



- Provisional safeguard duties against the EU of 13.9% that were implemented during December 2016 at 13,9% expired on 3 July 2017
- A decision on a permanent safeguard duty against the EU is awaited following efforts made by an industry, DTI and DAFF work group to secure better trade terms to support local industry jobs and reinvestment
- Avian Influenza outbreaks caused temporary trade bans with some EU countries and with this a switch to Brazilian and US imports has been reported
- A record level of total poultry imports at 65 658 tons (≈ 11,7 million bpw) and equivalent to 65% of local production was reported for March 2017
- Imports remained relatively stable year-on-year when measured against the Astral financial calendar year equalling approximately 8,2 million birds per week

#### **HIGHLY PATHOGENIC AVIAN INFLUENZA**



- South Africa reported its first case of H5N8 infection in domestic poultry in June 2017 in Mpumalanga
- From that date H5N8 has caused wide spread damage to the local poultry industry and in particular significantly affected broiler breeders and commercial laying hens
- Industry working closely with the Poultry Interest Group of the South African Veterinary Association have engaged DAFF, and more particularly the Director for Animal Health, in an effort to propose the use of vaccination as a tool to mitigate the impact of H5N8 infection on South African poultry
- A number of technical submissions have been made to DAFF, however some clear differences exist in the expectations with regards to the use of the vaccine and the consequential actions should a vaccinated flock be infected with the field strain of the virus. Industry is working with the relevant authorities to find a solution to the impasse; however time is of the essence in this matter as the industry faces a serious risk of further negative consequences as a result of this disease
- In the meantime DAFF have requested the following;
  - that efficacy studies are conducted on selected commercially available international vaccines as well as a locally available autogenous H5N8 vaccine (could take approximately three months)
  - following completion of the challenge studies, and if DAFF is satisfied with all other conditions they requested of the industry, DAFF will invite public comment on vaccination against H5N8 and that process is expected to take an additional 3 months at a minimum

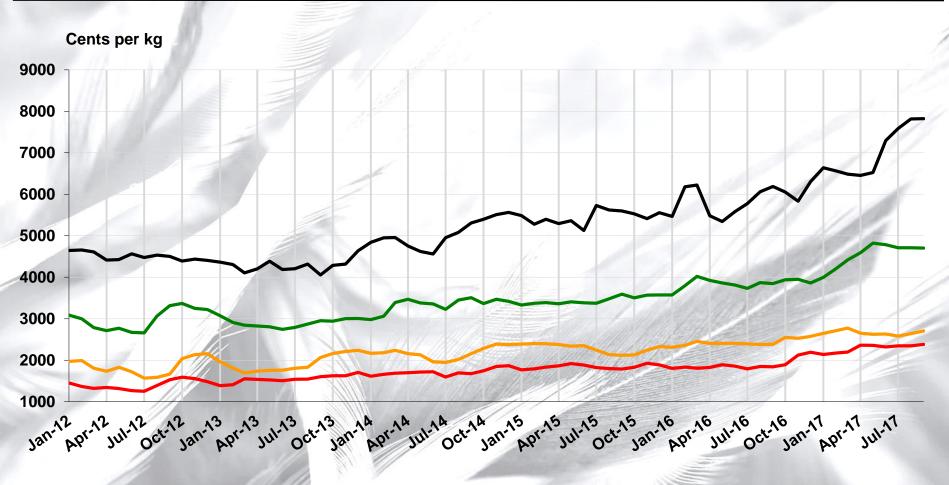
#### **INDUSTRY CONSOLIDATION**



- Intentional short term cutbacks during 1H2017 due to an imbalance in supply and demand
- RCL introduced permanent cutbacks from March 2017 which saw the company shedding approximately 1 500 jobs and reducing production by some 700 000 bpw in their Hammarsdale operation (KZN)
- Country Bird Holdings abandoned its bid to gain control of Sovereign Foods during September 2017, as it accepted an offer from Capital Works which offered a 33% premium over the R9 a share that CBH bid for the Sovereign shares
- Sovereign Foods now looks set to delist from the Johannesburg Stock Exchange under the ownership of the private equity firm Capital Works
- Daybreak Farms now wholly owned by the Public Investment Corporation following a buy out of other shareholders

#### **SOUTH AFRICAN PROTEIN PRICE COMPARISON**





	Chicken	Pork	Beef	Mutton
Feed Conversion Rate	1.6	2.2	5.5	5.0
Per Capita Consumption	39.1 kg	4.7 kg	19.5 kg	3.4 kg

Source: FNB, Red Meat Industry Forum

### **CONTACT DETAILS**



## Chris Schutte Chief Executive Officer

Tel: +27 (0) 12 667 5468 Fax: +27 (0) 86 504 2002

email: Chris.Schutte@astralfoods.com



### www.astralfoods.com

Daan Ferreira
Chief Financial Officer

Tel: +27 (0) 12 667 5468 Fax: +27 (0) 86 504 1602

email: Daan.Ferreira@astralfoods.com

