# **CROPS AND MARKETS**

Fourth Quarter 2015 Volume 96 No 966

Isued by the Directorate Statistics and Economic Analysis

DEPARTMENT OF AGRICULTURE, FORESTRY AND FISHERIES



agriculture, forestry & fisheries

Department: Agriculture, Forestry and Fisheries REPUBLIC OF SOUTH AFRICA

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#### SECTION A

#### ECONOMIC INDICATORS AND TRENDS

#### 1. CROP ESTIMATES AND FORECASTS

### Preliminary estimate of areas planted and preliminary production forecast for summer field crops for the 2016 production season

The CEC released the preliminary area estimate and preliminary production forecast for summer field crops on 27 January 2016. The figures were mainly based on the results of a non-probability survey conducted by the Directorate: Statistics and Economic Analysis of the Department of Agriculture, Forestry and Fisheries and reflects the position during the third week of January 2016.

The preliminary area estimate for maize was 1,995 million ha, which is 24,8% or 657 700 ha less than the 2,653 million ha planted for the previous season, and also 21,78% or 555 650 ha less than the intentions to plant a total of 2,551 million ha released in October 2015.

The preliminary size of the commercial maize crop was 7,438 million tons, which is 25,3% or 2,517 million tons less than the 9,955 million tons of the previous season, with an expected yield of 3,73 t/ha.

The preliminary area estimate for white maize was 1,033 million ha, which represents a decrease of 28,7% or 415 400 ha from the 1,448 million ha planted the previous season. In the case of yellow maize, the area estimate was 962 500 ha, which is 20,1% or 242 300 ha less than the 1,205 million ha planted the previous season.

The preliminary production forecast of white maize was 3,267 million tons, which is 31,0% or 1,468 million tons less than the 4,735 million tons of the previous season. The expected yield for white maize was 3,16 t/ha. In the case of yellow maize, the production forecast was 4,171 million tons, which is 20,1% or 1,049 million tons less than the 5,220 million tons of the previous season. The expected yield for yellow maize was 4,33 t/ha.

The preliminary area estimate for sunflower seed was 617 000 ha, which is about 7,1% or 41 000 ha more than the 576 000 ha planted the previous season. The preliminary production forecast for sunflower seed was 622 000 tons, which is 6,2% or 41 000 tons less than the 663 000 tons of the previous season. The expected yield was 1,01 t/ha.

It was estimated that 535 000 ha have been planted to soya beans, which represents a decrease of 22,2% or 152 300 ha from the 687 300 ha planted the previous season. The production forecast was 768 560 tons, which is 28,2% or 301 440 tons less than the 1,070 million tons of the previous season. The expected yield was 1,44 t/ha.

For groundnuts, the area estimate was 24 000 ha, which is 58,6% or 34 000 ha less than the 58 000 ha planted for the previous season. The expected crop was 29 600 tons, which is 52,5% or 32 700 tons less than the 62 300 tons of the previous season. The expected yield was 1,23 t/ha.

The area estimate for sorghum decreased by 11,4%, from 62 500 ha the previous season, to 70 500 ha. The production forecast for sorghum was 119 400 tons, which is 0,9% or 1 100 tons less than the 120 500 tons of the previous season. The expected yield was 1,91 t/ha.

For dry beans, the area estimate was 25 500 ha, which is 60,2% or 38 500 ha less than the 64 000 ha planted for the previous season. The production forecast was 35 150 tons, which is 52,1% or 38 240 tons less than the 73 390 tons of the previous season. The expected yield was 1,38 t/ha.

Сгор	Area planted 2016	Production forecast 2016	Area planted 2015	Final crop 2015	Change – tons 2016 vs 2015
	ha	tons	ha	tons	%
White maize	1 032 650	3 267 000	1 448 050	4 735 000	-31,00
Yellow maize	962 500	4 171 250	1 204 800	5 220 000	-20,09
Total maize	1 995 150	7 438 250	2 652 850	9 955 000	-25,28
Sunflower seed	617 000	622 000	576 000	663 000	-6,18
Soya beans	535 000	768 560	687 300	1 070 000	-28,17
Groundnuts	24 000	29 600	58 000	62 300	-52,49
Sorghum	62 500	119 400	70 500	120 500	-0,91
Dry beans	25 500	35 150	64 000	73 390	-52,11

Preliminary estimate of areas planted and preliminary production forecast for summer field crops: 2016\*

\* Forecasts and estimates exclude the non-commercial sector.

Department of Agriculture, Forestry and Fisheries

#### Sixth production forecast for winter field crops for 2015

According to the sixth production forecast of winter crops, also released by the CEC on 27 January 2016, the expected wheat crop for 2015 was 1,501 million tons, which is 14,2% or 248 810 tons less than the 1,750 million tons of the previous season. The expected yield was 3,11 t/ha, compared to 3,67 t/ha the previous season. The area estimate for wheat was 482 150 ha, as against 476 570 ha for 2014—an increase of 1,2%.

The main contributing provinces to the expected wheat crop were the Western Cape, with a production forecast of 713 000 tons (47,5%), followed by the Northern Cape with 259 200 tons (17,3%) and the Free State with 208 000 tons (13,9%). The expected yield for the Western Cape was 2,30 t/ha, which is 20,7% lower than the 2,90 t/ha of the previous season. The expected yield for the Northern Cape was 7,20 t/ha, compared to 7,50 t/ha the previous season—a decrease of 4,0%. A yield of 2,60 t/ha was expected for the Free State, which is 26,3% lower than the 3,53 t/ha for 2014.

The production forecast for malting barley was 341 373 tons, which is 13,0% or 39 373 tons higher than the 302 000 tons of the previous season. The area planted was estimated at 93 730 ha, and the expected yield was 3,64 t/ha.

The expected canola crop was 78 050 tons, while the area estimate was 95 000 ha, with an expected yield of 1,25 t/ha.

Сгор	Area planted 2015	Sixth forecast 2015	Area planted 2014	Final crop 2014	Change in production 2015 vs 2014
	ha	tons	ha	tons	%
Wheat	482 150	1 501 190	476 570	1 750 000	-14,2
Malting barley	93 730	341 373	85 125	302 000	+13,0
Canola	78 050	97 600	95 000	121 000	-19,3

Estimated areas planted and sixth production forecast for winter cereals: 2015

Updates on these figures can be found on the following websites:

www.daff.gov.za/statistics and economic reports; and www.sagis.org.za/CEC: crop estimates

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#### 2. ECONOMIC INDICATORS OF THE SOUTH AFRICAN AGRICULTURAL SECTOR

Indicator (at current prices)	Jan. to Dec. 2014	Jan. to Dec. 2015	% change
Total gross farming income (R million)	217 786	226 727	+4,1
Intermediate expenditure (R million)	116 328	124 430	+7,0
Total farming cost (R million)	146 754	156 809	+6,9
Net farming income (R million)	75 778	73 462	-3,1
Domestic terms of trade (2010 = 1)	1,01	1,04	+3,0

#### Gross income from major products at current prices

	Jan. to Dec. 2014	Jan. to Dec. 2015	Change
Field crops:	R m	hillion	%
Maize	28 576	24 597	-13,9
Wheat	5 505	5 488	-0,3
Sugar cane	6 971	6 151	-11,8
Sunflower seed	3 837	3 150	-17,9
Tobacco	409	495	+21,0
All field crops	56 606	51 019	-9,9
Horticulture:			
Vegetables (including potatoes)	18 082	18 859	+4,3
Deciduous and other fruit	14 887	16 975	+14,0
Citrus fruit	12 531	14 200	+13,3
Viticulture	4 727	4 673	-1,1
Subtropical fruit	3 558	3 376	-5,1
All horticultural products	58 830	63 675	+8,2
Animal products:			
Poultry meat	34 121	37 155	+8,9
Cattle and calves slaughtered	24 938	28 257	+13,3
Milk	13 890	14 357	+3,4
Eggs	9 200	9 833	+6,9
Sheep slaughtered	5 784	6 149	+6,3
All animal products	102 351	112 033	+9,5

#### 3. ECONOMIC OVERVIEW

This article gives an overview of the major macroeconomic trends in the agricultural sector for the period 1 January to 31 December 2015. Aggregates are compared with the period 1 January to 31 December 2014.

#### Gross farming income

Gross farming income refers to both the part of agricultural production that is marketed and production for own consumption, valued at basic prices.

Gross income from all agricultural products for the 12 months that ended on 31 December 2015 amounted to R226 727 million, which is an increase of 4,1% from the previous year. This increase was mainly a result of the increase in gross income from animal and horticultural products.

The income from field crops decreased by 9,9% and amounted to R51 019 million, because of the decrease in income from grain sorghum by 58,9%, groundnuts by 28,6%, dry beans by 20,8%, sunflower seed by 17,9%, maize by 13,9%, soya beans by 4,7% and wheat slightly by 0,3%. The income derived from tobacco increased by 21,0%.

The income from horticultural products increased by 8,2% and amounted to R63 675 million, mainly as a result of the increase in income made from deciduous and other fruit by 14,0%, citrus fruit by 13,3% and vegetables by 4,3%. However, the income derived from subtropical fruit and viticulture decreased by 5,1% and 1,1% respectively.

The income from animal products increased by 9,5% and amounted to R112 033 million. The increase is attributed mainly to the increase in income from cattle and calves slaughtered by 13,3%, poultry meat by 8,9%, eggs by 6,9%, sheep slaughtered by 6,3% and milk by 3,4%.



#### Expenditure on intermediate production inputs

Expenditure on intermediate production inputs refers to the value of the goods and services that were purchased to be consumed as inputs during the production process.

The expenditure on intermediate goods and services increased by 7,0%, from R116 328 million in 2014 to R124 430 million in 2015. This was mainly because of an increase in expenditure on building and fencing material by 11,1%, seed and plants by 10,0%, packing material by 9,0%, farm feeds by 8,0%, farm services, and animal health and crop protection by 6,0% each, maintenance and repairs by 5,0%, fuel by 4,6% and fertilisers by 3,0%.

Farm feeds were the main expenditure item, accounting for 28,8%, followed by maintenance and repairs (14,0%), farm services (12,4%), fuel (9,0%), animal health and crop protection, and seed and plants (6,3% each), fertilisers (5,3%), packing material (4,6%) and building and fencing material (3,8%).

#### Prices received and paid by farmers as well as terms of trade

On average, prices received by farmers for their products increased by 6,0%.

The weighted average price of field crops increased by 9,8%. This was as a result of the increase in prices of hay by 13,2%, summer grains by 12,5%, tobacco by 10,6%, sugar cane by 10,1%, winter grains by 6,7%, cotton by 5,3% and oilseeds slightly by 0,6%. The price of dry beans decreased by 12,7%.

The weighted average price of horticultural products increased by 2,1% mainly because of the increase in prices of fruit by 8,4%. The average prices of vegetables and viticulture decreased by 6,1% and 2,6% respectively.

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The weighted average price of animal products increased by 6,0% because of the increase in prices of pastoral products by 12,9%, poultry meat by 7,7% and slaughtered stock by 6,4%. There was a decrease of 1,8% in the price of milk.

The prices paid for farming requisites, including machinery and implements, material for fixed improvements as well as intermediate goods, rose by 3,5%, compared to 6,2% the previous year. Prices paid for tractors and building material increased by 8,4% each, trucks by 5,7%, fencing material by 5,2%, maintenance and repairs by 4,8%, seeds and feeds by 4,3% each, animal health and crop protection by 4,0%, packing material by 3,8% and fertilisers by 2,3%.

The increase of 6,0% in prices received by farmers and the 3,5% increase in prices paid by farmers caused the domestic terms of trade to increase by 3,0%.



#### Net farming income, cash flow and farming debt

The increase of 4,1% in gross farming income opposed to the increase of 7,0% in expenditure on intermediate production inputs resulted in a decrease of 3,1% in net farming income. Interest payments increased by 9,0%, while labour costs and rent payment increased by 4,6% each.

The cash flow of farmers for the period ended December 2015 decreased slightly by 0,7% to R76 714 million, from R77 293 million the previous year.

The total farming debt at the end of December 2015 is estimated at R133 089 million, which is 14,2% higher than the R116 576 million in the previous year.

#### Conclusion

The gross income of farmers for the year ended 31 December 2015 increased by 4,1% from that of the previous year, which was mainly a result of the increase in income from animal and horticultural products by 9,5% and 8,2% respectively. The relatively small increase of 4,1% in gross income, compared to increases of between 11,0% to 14,0% per year in the previous four years, can be ascribed mainly to dry weather conditions, which adversely affected field crop production.

Although the gross farming income increased, the net farming income decreased by 3,1% because of the increased expenditure on intermediate goods and services by 7,0% and a decrease in production of most field crops.

Compiled by Ephaphrus Mankwane

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		Octo	ber	Nove	mber	Dece	mber
Product	Weight	2014	2015	2014	2015	2014	2015
				Index (20	10 = 100)		
Field crops	22,8	147,1	197,1	151,0	203,8	157,2	207,4
Horticulture	26,9	145,0	140,3	139,0	147,7	137,0	154,7
Animal products	50,3	142,6	144,2	145,5	148,1	149,9	150,0
Combined	100,0	144,3	155,2	145,0	160,7	148,1	164,3
Field crops							
Summer grains	46,3	149,0	238,7	158,2	250,2	166,0	250,1
Winter cereals	13,1	147,6	177,1	149,4	186,3	159,7	198,0
Oilseeds	11,4	149,6	176,5	160,8	182,7	161,3	186,4
Sugar cane	16,2	136,2	144,0	136,7	144,1	138,2	144,9
Hay	10,2	147,9	151,5	129,0	146,8	137,7	161,8
Dry beans	1,2	209,6	182,9	209,6	182,9	209,6	182,9
Cotton	0,4	139,0	145,0	139,0	145,0	139,0	145,0
Tobacco	1,2	123,6	137,9	123,6	137,9	123,6	137,9
Combined	100,0	147,1	197,1	151,0	203,8	157,2	207,4
Horticulture							
Viticulture	11,0	123,2	120,0	123,2	120,0	123,2	120,0
Vegetables	37,0	138,6	125,5	118,5	145,8	112,7	162,6
Fruit	52,0	154,2	155,1	157,0	155,0	157,3	156,5
Combined	100,0	145,0	140,3	139,0	147,7	137,0	154,7
Animal husbandry							
Pastoral products	2,5	178,4	210,0	177,1	217,0	176,0	218,2
Stock slaughtered	34,2	142,0	147,5	144,6	148,8	146,5	153,1
Milk	14,2	146,2	124,3	146,2	127,8	146,2	134,3
Poultry	49,1	140,0	144,2	144,3	150,0	151,9	148,8
Combined	100,0	142,6	144,2	145,5	148,1	149,9	150,0

#### 4. INDICES OF PRODUCER PRICES OF AGRICULTURAL PRODUCTS



#### 5. CONSUMER PRICE INDICES

ltom	W/oight	October 2015	November 2015	December 2015		
Item	Weight	Index (2010 = 100)				
All items	100,00	132,5	132,4	131,7		
All items, excluding food	84,59	134,6	132,8	131,9		
Food	15,41	141,0	141,4	143,1		
Grain products	3,55	140,9	143,3	146,4		
Meat	4,56	142,4	142,5	143,2		
Fish and other seafood	0,37	137,8	135,9	134,8		
Milk, cheese and eggs	1,74	135,2	138,6	139,1		
Fats and oils	0,55	145,0	145,1	147,9		
Fruit and nuts	0,23	118,2	123,0	130,0		
Vegetables	1,61	141,9	133,3	137,1		
Sugar	0,65	153,9	151,5	152,3		
Coffee, tea and cocoa	1,21	143,8	151,0	151,7		
Other	0,94	139,2	141,0	142,2		

Source: Statistics South Africa

#### 6. PRICE INDICES OF FARMING REQUISITES (BASE YEAR: 2010 = 100)

		Machi	nery and imp	lements		Material f	or fixed impro	ovements
Period	Tractors	Trucks	Imple- ments	Irrigation equipment	Combined index	Building materials	Fencing materials	Combined index
2010	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
2011	108,1	115,5	110,3	107,4	110,8	104,6	107,9	105,8
2012	114,5	133,3	123,7	117,7	123,0	114,5	117,2	115,5
2013	126,3	141,6	131,5	126,2	132,2	121,9	123,5	122,5
January	121,4	137,5	128,3	121,4	128,1	123,5	118,8	121,8
April	125,5	142,0	129,5	122,8	131,1	122,7	126,2	123,9
2012/13	120,1	137,5	127,9	121,4	127,6	119,3	120,9	119,8
July	127,7	149,5	134,4	132,4	136,5	116,1	124,7	119,1
October	130,6	137,4	133,8	128,4	133,2	125,6	124,1	125,0
2014	139,8	151,1	139,0	138,9	142,8	128,6	131,0	129,5
January	131,8	140,1	135,4	133,4	135,4	134,5	127,3	132,0
April	141,7	144,6	137,0	134,7	140,3	130,9	134,4	132,2
2013/14	132,9	142,9	135,1	132,2	136,4	126,8	127,6	127,1
July	144,0	156,8	142,5	144,6	147,3	120,4	131,4	124,3
October	142,2	163,0	141,1	143,0	148,0	128,7	131,0	129,5
2015	151,7	159,8	143,7	146,5	151,1	139,5	137,8	138,6
January	147,0	151,6	140,6	142,1	145,9	140,6	132,9	137,9
April	147,7	157,3	143,3	143,5	148,7	147,0	145,9	146,7
2014/15	145,2	157,2	141,9	143,3	147,5	134,2	135,3	132,6
July	150,2	157,3	143,3	151,3	150,4	129,9	137,4	138,5
October	161,9	173,0	147,6	149,2	159,4	140,4	134,9	138,9

			Interme	diate goods a	nd services			
Period	Fertilisers	Fuel	Feeds	Animal health and crop protection	Packing material	Maintenance and repairs	Combined index	All farming requisites combined
2010	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
2011	108,9	104,9	111,9	110,2	111,2	113,6	110,9	110,6
2012	115,6	121,8	129,0	123,8	128,0	125,3	126,3	125,4
2013	121,5	129,5	138,0	131,0	136,7	132,7	134,9	134,0
January	119,0	128,3	140,1	126,4	133,5	127,9	131,8	130,9
April	122,1	128,8	134,1	129,7	132,0	121,9	135,5	134,4
2012/13	118,8	126,9	144,0	127,6	132,1	128,6	131,3	130,3
July	122,5	130,6	132,8	133,3	141,6	138,2	138,3	137,2
October	122,5	130,5	138,0	134,4	139,6	132,8	134,0	133,5
2014	124,6	141,5	146,4	139,0	144,9	139,0	142,9	142,3
January	123,9	139,9	140,3	134,5	141,6	134,6	139,1	138,3
April	123,9	147,6	148,6	137,3	139,8	138,6	143,9	142,9
2013/14	123,2	137,1	141,4	134,9	140,7	136,0	138,8	138,0
July	123,5	142,6	153,3	140,2	150,3	141,9	146,3	145,3
October	127,0	136,1	143,5	143,9	148,1	140,8	142,5	142,6
2015	127,5	136,1	152,7	144,6	150,4	145,7	147,2	147,2
January	127,5	135,7	147,4	141,4	147,5	142,2	144,2	144,1
April	126,8	134,1	152,2	143,3	146,3	145,4	146,1	146,5
2014/15	126,2	137,1	149,1	142,2	148,0	142,6	144,8	144,6
July	127,8	132,4	156,4	144,1	155,0	145,8	148,5	147,9
October	127,8	142,4	154,9	149,6	153,0	146,5	149,8	150,4



#### **SECTION B**

#### FRESH PRODUCE MARKETS OVERVIEW

## FRESH MARKET STATISTICS AND GRAPHIC PRESENTATION OF SEASONAL FLUCTUATIONS IN QUANTITIES AND PRICES OF FRUIT AND VEGETABLES SOLD ON THE MAJOR FRESH PRODUCE MARKETS

The purpose of this overview is to show the short-term price and volume trends (seasonal fluctuations) of various types of fruit and vegetables sold on the major fresh produce markets and to make comparisons between markets.

Market prices are determined by the interaction between supply and demand, which is influenced by various factors. Supply factors include climate, seasonal production, perishability of products, and producers' reaction to prices realised in preceding periods, etc. Demand factors include consumer preferences, substitution between products, and per capita income. Therefore, the seasonal pattern of quantities sold and prices realised may differ considerably among the various markets.

The graphs in this overview depict the trends for fruit and vegetables sold on the Johannesburg Fresh Produce Market and give an indication of the variations in monthly volumes sold and prices received, based on the average for the five-year period 2011 to 2015.

Detailed information regarding the specific varieties of fruit and vegetables sold on the markets is available on request from:

Ms Mahlatse Makaleng

Directorate: Statistics and Economic Analysis

Tel.: 012 319 8050

Fax: 012 319 8031

E-mail: MahlatseMa@daff.gov.za.

#### Interesting vegetable: Beetroot

Scientific name: Beta vulgaris L.

<u>Common names</u>: Beet, beetroot, Swiss chard, rhubarb chard, spinach beet, silver beet, sugar beet, mangel-wurzel, mangold.

<u>History:</u> Around 800 BC, the beet was mentioned in an Assyrian text as growing in the Hanging Gardens of Babylon and was also offered to the sun god Apollo in the temple of Delphi by the Greeks. The beet evolved from the wild Sea-beet, which is perhaps why *Beta vulgaris* was originally prized for its leaves, and not for its root. Romans described early black and white varieties of beet. Roman texts discuss more uses for the beet's root than its leaves. In general, beets were consumed for their medicinal properties, mainly as a laxative or to relieve fever.

New varieties of beetroot were developed in Germany and Italy, particularly the red variety, most common today. The beetroot continued to spread throughout Eastern Europe and Scandinavia. By the end of the Middle Ages, the beetroot had become an important staple in the Eastern European diet. The sixteenth century saw the creation of borsch and Scandinavian beetroot and herring salads.

By the nineteenth century, beetroot was widely consumed across Europe. English recipes suggested pickling beetroot. Southern European and Mediterranean recipes praised both the root and the greens, often eaten with olive oil based dressings.

<u>Historical uses:</u> From the middle ages, beetroot was used as a treatment for a variety of conditions, from indigestion to blood-related illnesses.

<u>Description:</u> Beta vulgaris is indigenous to Southern Europe, extensively cultivated for food and foodstuffs, especially for the production of sugar, and presents many varieties.

It is originated from the Sea beet, which grows wild on the coasts of Europe, North Africa and Asia, as far as India, and is found in many parts of England. It is a tall, succulent plant, about 0,6 metre high, with large, fleshy, glossy leaves, angular stems and numerous leafy spikes of green flowers, much like those of the Stinking goosefoot.

The lower leaves, when boiled, are quite similar in taste to spinach, and the leaf-stalks and midribs of a cultivated form, the spinach beet, are sometimes stewed, which is called Swiss chard. This white-rooted beet is also cultivated for its leaves, which are put in soups or used as spinach, and in France are often mixed with sorrel to lessen its acidity. It is also largely used as a decorative plant for its large handsome

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leaves, which are blood red or variegated in colour. Its root, though containing almost as much sugar as the red Garden beet, neither looks so appetising nor tastes as well.



<u>Growing:</u> Beetroot will grow in any well-drained garden soil but require fertile conditions, best ensured by digging in at least a bucketful of well-rotted garden compost or organic matter and raking in a handful of other general purpose fertiliser per square metre before sowing. Early sowings benefit from protection with horticultural fleece or cloches.

When the seedlings are about 2,5 cm high, thin out to leave one seedling per 10 cm station.

Water every 10 to 14 days during dry spells. If the plants are not growing strongly, apply 30 g high nitrogen fertiliser per square metre, such as ammonium sulphate, and water.

<u>Harvesting:</u> Pull up alternate plants once they have reached golf ball size to use as a tasty treat in the kitchen, leaving the others to reach maturity. Harvest these when they are the size of a cricket ball.

<u>Food uses:</u> The usually deep purple roots of beetroot are eaten boiled, roasted or raw, either alone or combined with any salad vegetable. A large proportion of the commercial production is processed into boiled and sterilised beets or into pickles. Beet soup, such as borscht, is a popular dish in Eastern Europe, b. In Indian cuisine, chopped, cooked and spiced beet is a common side dish. Yellow-coloured beetroots are grown on a very small scale for home consumption.

The green, leafy portion of the beet is also edible. It is most commonly served boiled or steamed, in which case it has a taste and texture similar to spinach. Selected bulbs that are unmarked. Avoid those with overly limp leaves or wrinkled skins, both of which are signs of dehydration.

Beetroot can be boiled or steamed, peeled and then eaten warm with or without butter as a delicacy; cooked, pickled and then eaten cold as a condiment; or peeled, shredded raw and then eaten as a salad. Pickled beets are a traditional food in many countries.

<u>Other uses:</u> Betanin, obtained from the roots, is used industrially as red food colorant to improve the colour and flavour of tomato paste, sauces, desserts, jams and jellies, ice cream, sweets, breakfast cereals, etc.

<u>Nutritional value</u>: Beetroot is of exceptional nutritional value; especially the greens, which are rich in calcium, iron and vitamins A and C. Beetroots are an excellent source of folic acid and a very good source of fibre, manganese and potassium. The greens should not be overlooked; they can be cooked and enjoyed in the same way as spinach.

#### Health benefits:

#### 1 Lowers your blood pressure levels

Beetroot is a great source of nitrates, which when consumed, is converted to nitrites and a gas called nitric oxides. Both these components help to widen the arteries and lower blood pressure.

#### 2 Reduces "bad" cholesterol and prevents plaque formation

Beetroot is known to contain large amounts of soluble fibres, flavonoids and betacyanin. Betacyanin is the compound that gives beetroot its purplish-red colour and is also a powerful antioxidant. It helps to reduce the oxidation of LDL cholesterol and does not allow it to deposit on the walls of arteries. This protects the heart from potential heart attacks and strokes, reducing the need for medication

#### 3 Good for pregnant women and unborn children

Another amazing quality of the root is that it has an abundant supply of folic acid. Folic acid is important for pregnant mothers and unborn babies because it is an essential component for the proper formation of the unborn child's spinal cord and can protect the child from conditions such as spina bifida (a congenital disorder where the child's spinal cord does not form completely and in most cases looks like it has been divided into two at the base).

#### 4 Beats osteoporosis

Beetroot is packed with mineral silica, an important component for the body to use calcium efficiently. Since our bones and teeth consist calcium, a glass of beetroot juice a day could help keep conditions such as osteoporosis and brittle bone disease at bay.

#### 5 Keeps diabetes in check

People suffering from diabetes can fulfil their sweet craving by adding some beetroot in their diet. It aids in maintaining your blood sugar levels low while satiating your sugar craving because it is a medium glycaemic index vegetable (which means it releases sugars very slowly into the blood).

#### 6 Treats anaemia

It is a common myth that, because beetroot is reddish in colour, it replaces lost blood and is therefore good to treat anaemia. While this may sound a bit outrageous to many, there is a partial truth hidden in the myth. Beetroot contains a lot of iron. Iron helps in the formation of haemagglutinin, which is a part of the blood that helps transport oxygen and nutrients to various parts of the body. It is the iron content and not the colour that helps treat anaemia.

#### 7 Protects from cancer

The betacyanin content in beetroot has another very important function. In a study done at the Howard University, Washington DC, it was found that betacyanin helped slow down tumour growth by 12.5% in patients with breast and prostate cancer.

#### 8 Beats constipation

Because of its high soluble fibre content, beetroot acts as a great laxative. It helps regulating bowel movement by softening stools. It also cleanses the colon and flushes out the harmful toxins from the stomach.

#### **References**

http://kristinalupp.com/2011/07/18/a-brief-history-of-the-beetroot/ https://en.wikipedia.org/wiki/Beetroot https://www.botanical.com/botanical/mgmh/b/beetro28.html http://www.kew.org/science-conservation/plants-fungi/beta-vulgaris-beet http://www.thehealthsite.com/diseases-conditions/amazing-health-benefits-of-beetroot/

https://www.rhs.org.uk/advice/grow-your-own/vegetables/beetroot

Code	Market	Rands	Tons	Rands/ton
TSW	Tshwane (Pretoria)	493 041 369	119 071	4 141
JHB	Johannesburg	1 177 049 074	272 431	4 321
BFN	Bloemfontein	61 705 007	15 659	3 941
KIM	Kimberley	11 062 986	2 849	3 883
СТ	Cape Town	249 895 355	58 858	4 246
PE	Port Elizabeth	50 148 559	14 952	3 354
EL	East London	58 765 024	16 415	3 580
DBN	Durban	216 481 227	54 967	3 938
PMB	Pietermaritzburg	48 926 866	13 703	3 571
WLK	Welkom	39 775 065	9 678	4 110
KDP	Klerksdorp	60 357 833	16 287	3 706
VER	Vereeniging	29 387 435	8 822	3 331
SPR	Springs	57 462 285	17 937	3 204
UIT	Uitenhage	4 788 896	2 074	2 309
WBK	Witbank	12 662 310	3 718	3 406
NLS	Nelspruit	5 219 277	1 316	3 966
MPL	Mpumalanga	29 794 574	8 250	3 611
KEI	Kei (Mthatha)	2 598 557	898	2 894
GEO	George	5 741 157	2 072	2 771

Mass, value and average price of vegetables sold on the 19 major fresh produce markets: October to December 2015

## Mass, value and average price of fruit sold on the 19 major fresh produce markets: October to December 2015

Code	Market	Rands	Tons	Rands/ton
TSW	Tshwane (Pretoria)	311 293 233	52 718	5 905
JHB	Johannesburg	587 080 435	78 118	7 515
BFM	Bloemfontein	43 069 683	6 832	6 304
KIM	Kimberley	5 122 090	1 025	4 997
СТ	Cape Town	151 455 881	23 643	6 406
PE	Port Elizabeth	22 209 142	3 542	6 270
EL	East London	35 027 183	5 903	5 934
DBN	Durban	147 394 782	23 233	6 344
PMB	Pietermaritzburg	38 035 679	6 820	5 577
WLK	Welkom	13 191 479	2 385	5 531
KDP	Klerksdorp	24 652 874	4 473	5 511
VER	Vereeniging	8 267 763	1 480	5 586
SPR	Springs	32 122 294	7 481	4 294
UIT	Uitenhage	386 645	121	3 195
WBK	Witbank	3 562 436	792	4 498
NLS	Nelspruit	_	_	-
MPL	Mpumalanga	_	_	-
KEI	Kei (Mthatha)	78 545	37	2 123
GEO	George	246 208	60	4 103

2015	Aug.	Sep.	Oct.	Nov.	Dec.	2015
Market			Tons			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total	3 219 5 652 429 101 388 30 293 2 013 628 262 555 131 802 2 57 - 9 3 14 574	3 544 5 904 472 79 402 36 320 1 793 633 290 552 174 868 - 60 - - 6 3 15 136	$\begin{array}{c} 3 \ 986 \\ 6 \ 342 \\ 583 \\ 83 \\ 494 \\ 27 \\ 343 \\ 2 \ 141 \\ 575 \\ 308 \\ 620 \\ 151 \\ 775 \\ 1 \\ 577 \\ - \\ 7 \\ 2 \\ 16 \ 495 \end{array}$	$\begin{array}{c} 3 \ 323 \\ 5 \ 249 \\ 530 \\ 88 \\ 420 \\ 36 \\ 304 \\ 1 \ 574 \\ 554 \\ 294 \\ 554 \\ 137 \\ 700 \\ - \\ 36 \\ - \\ - \\ 3 \\ 313 \ 802 \end{array}$	$\begin{array}{c} 2\ 278\\ 4\ 137\\ 399\\ 53\\ 304\\ 27\\ 324\\ 1\ 344\\ 450\\ 227\\ 398\\ 92\\ 400\\ -\\ 26\\ -\\ -\\ 26\\ -\\ 3\\ 10\ 462 \end{array}$	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total
Market			R/ton			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average	5564 6122 5837 5483 4853 7859 5554 5891 4803 5319 4361 6134 5563 4612 6226 - 3258 6032 5742	5 930 6 423 6 376 6 160 5 234 9 045 5 905 6 004 4 841 5 813 4 492 6 623 5 800 4 444 6 068 6 002 6 032 6 035	$\begin{array}{c} 6 & 191 \\ 6 & 914 \\ 6 & 765 \\ 5 & 693 \\ 5 & 946 \\ 9 & 377 \\ 6 & 445 \\ 6 & 364 \\ 5 & 674 \\ 6 & 082 \\ 5 & 061 \\ 6 & 969 \\ 6 & 113 \\ 3 & 129 \\ 6 & 388 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	$\begin{array}{c} 6 \ 613 \\ 6 \ 995 \\ 6 \ 679 \\ 6 \ 206 \\ 6 \ 483 \\ 9 \ 511 \\ 7 \ 279 \\ 6 \ 643 \\ 5 \ 830 \\ 6 \ 213 \\ 4 \ 843 \\ 7 \ 251 \\ 6 \ 559 \\ - \\ 6 \ 548 \\ - \\ 4 \ 456 \\ 5 \ 556 \\ 6 \ 672 \end{array}$	6 907 7 197 7 003 6 810 6 826 9 871 7 003 6 821 5 725 6 329 5 050 7 839 6 913 2 800 7 756  - 5 556 6 898	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average

1. Apples



2015	A	Can	Ort	Nov.	Dee	2015
2015	Aug.	Sep.	Oct.	INOV.	Dec.	2015
Market			Tons			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total	816 1 135 125 6 123 12 105 431 154 60 187 48 208 - 1 - 1 - 3 412	$\begin{array}{c} 653\\ 1\ 031\\ 113\\ 12\\ 120\\ 14\\ 70\\ 319\\ 143\\ 28\\ 127\\ 38\\ 156\\ -\\ 9\\ -\\ -\\ 9\\ -\\ -\\ 2\\ 2\\ 835\end{array}$	518 894 104 6 111 - 62 246 100 13 142 32 148 1 - - 1 2 378	242 615 73 18 92 1 31 137 47 20 46 14 134 - 19 - - - 1 489	149 391 51 6 61 - 37 105 32 8 70 2 70 - 6 - - 6 - - 994	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total
Market			R/ton			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO	$\begin{array}{c} 6 & 955 \\ 7 & 763 \\ 6 & 962 \\ 6 & 741 \\ 5 & 878 \\ 9 & 503 \\ 5 & 521 \\ 6 & 603 \\ 6 & 218 \\ 5 & 912 \\ 4 & 766 \\ 6 & 425 \\ 5 & 785 \\ - \\ 8 & 586 \\ - \\ - \\ 6 & 890 \\ - \\ - \\ 6 & 890 \\ - \\ - \\ - \\ 5 & - \\ - \\ - \\ - \\ 5 & - \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ -$	7 587 8 785 7 709 7 876 9 119 9 327 7 839 7 228 7 007 8 225 5 574 7 992 7 572 6 302 	9 188 9 411 8 855 9 151 9 361 10 774 8 862 8 981 7 718 7 319 6 061 8 889 8 293 6 718 	9 477 9 875 7 199 10 253 9 908 10 170 9 724 8 638 8 037 9 189 7 680 9 167 7 571 	9 700 9 206 8 020 8 947 9 849 	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO
Average	6 855	7 959	8 915	9 190	9 132	Average

2. Pears



2015	Aug.	Sep.	Oct.	Nov.	Dec.	2015
Market			Tons			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total	$\begin{array}{c} 2 \ 700 \\ 5 \ 587 \\ 600 \\ 36 \\ 585 \\ 113 \\ 407 \\ 1 \ 737 \\ 678 \\ 321 \\ 357 \\ 224 \\ 409 \\ 8 \\ 94 \\ - \\ - \\ 71 \\ 6 \\ 13 \ 933 \end{array}$	$\begin{array}{c} 2\ 165\\ 4\ 473\\ 361\\ 62\\ 800\\ 148\\ 294\\ 1\ 581\\ 491\\ 169\\ 363\\ 134\\ 57\\ 3\\ 64\\ -\\ -\\ 49\\ 0\\ 11\ 214\\ \end{array}$	$     \begin{array}{r}       1 \ 806 \\       3 \ 873 \\       158 \\       26 \\       481 \\       91 \\       139 \\       1243 \\       159 \\       44 \\       61 \\       30 \\       47 \\       2 \\       29 \\       - \\       27 \\       11 \\       8 227     \end{array} $	$\begin{array}{c} 702 \\ 1\ 635 \\ 14 \\ 1 \\ 321 \\ 41 \\ 8 \\ 533 \\ 57 \\ 17 \\ 12 \\ - \\ 10 \\ 19 \\ 3 \\ - \\ 1 \\ 1 \\ 3\ 375 \end{array}$	329 633  240 12 5 206 78 2  1 7 3  1 7 3  1 5 1516	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total
Market			R/ton			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average	$\begin{array}{c} 2 \ 428 \\ 2 \ 718 \\ 2 \ 043 \\ 2 \ 599 \\ 2 \ 330 \\ 1 \ 223 \\ 2 \ 038 \\ 2 \ 749 \\ 2 \ 508 \\ 2 \ 749 \\ 2 \ 508 \\ 2 \ 199 \\ 2 \ 514 \\ 2 \ 198 \\ 2 \ 059 \\ 1 \ 258 \\ 1 \ 925 \\ - \\ 1 \ 417 \\ 1 \ 106 \\ 2 \ 519 \end{array}$	2 229 2 604 2 196 2 492 2 109 1 332 2 126 2 381 2 567 2 092 1 946 1 694 1 541 1 640 1 726 	2 777 3 258 1 656 1 734 2 553 1 454 1 735 3 118 2 020 1 068 2 397 1 692 2 877 1 478 1 760 	4 352 4 697 4 000 2 310 3 390 1 607 1 827 3 383 2 772 1 860 5 486 2 981 1 185 4 340 	2 676 6 142 	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average

#### 3. Oranges



2015	Aug.	Sep.	Oct.	Nov.	Dec.	2015
Market			Tons			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total	174 625 13 1 144 11 10 104 16 1 5 0 2 1 1 5 0 2 1 1 - - - - 1 108	230 714 16 1 182 19 8 103 18 0 7 1 4 4 - 1 - - - 1 304	220 850 20 0 214 56 10 152 22 1 9 2 10 - 0 2 - 1 56 10 152 22 10 - 10 2 10 - 10 152 22 10 - 10 152 22 10 10 152 22 10 10 152 22 10 10 152 22 10 10 152 22 10 10 152 22 10 10 152 22 10 10 152 22 10 10 152 22 10 10 152 22 10 10 152 22 10 10 152 22 10 10 152 22 10 10 10 10 152 22 10 10 10 10 10 10 10 10 10 10	254 705 11 2 215 17 8 122 31 0 6 8 7 1 0 6 8 7 1 0 - - 1 1 388	241 701 25 0 272 28 21 108 26 0 6 1 1 6 1 - - - 8 1 444	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total
Market			R/ton			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average	5 271 6 663 4 958 4 907 3 838 1 826 3 672 6 399 4 475 4 274 6 417 8 871 5 066 1 271 3 601 - - - 5 914	7 761 7 620 5 545 2 510 5 914 2 965 4 712 7 548 5 958 4 143 5 961 3 052 4 554 	6 648 6 825 7 258 9 552 5 533 4 501 6 419 7 645 5 840 5 019 7 727 6 378 6 419 6 171 2 911 6 6 171 2 911 6 6 606	7 249 6 775 5 285 4 345 5 889 2 430 8 823 6 612 3 944 1 667 7 213 7 010 3 613 1 800 3 333 - - - 2 983 6 571	8 009 7 155 4 744 6 182 6 979 2 390 4 502 7 624 5 148 2 564 7 559 6 855 5 515 2 147 - - - 4 458 7 071	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average

4. Lemons



2015	Aug.	Sep.	Oct.	Nov.	Dec.	2015
Market			Tons			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total	665 1 222 41 7 584 6 13 16 12 10 48 15 24 - - - - 2 663	599 1 289 34 6 673 3 8 22 11 5 33 1 19 - - - - - 2 703	549 967 36 3 687 12 19 32 9 9 9 9 25 4 10 - - - - 1 2 363	491 831 50 3 671 36 16 32 13 13 13 35 18 31 - - - - - 0 2 240	334 640 44 2 366 24 16 24 9 11 38 15 17 - - - - - 1 1 541	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total
Market			R/ton			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average	7 646 7 562 7 698 9 735 8 144 5 374 9 181 9 054 7 419 5 433 8 753 5 422 9 526 	9 331 9 083 8 377 9 541 8 077 9 866 9 922 8 927 8 157 5 050 8 135 8 505 7 101 8 356 - - - - 8 845	$\begin{array}{c} 8 \ 142 \\ 11 \ 768 \\ 7 \ 048 \\ 5 \ 545 \\ 9 \ 466 \\ 10 \ 322 \\ 9 \ 762 \\ 9 \ 156 \\ 8 \ 128 \\ 7 \ 591 \\ 9 \ 108 \\ 6 \ 400 \\ 7 \ 068 \\ - \\ - \\ - \\ - \\ 6 \ 855 \\ 10 \ 027 \end{array}$	6 376 9 652 6 183 7 222 11 025 7 426 9 778 6 798 6 798 6 159 6 725 7 961 5 902 3 648 	$\begin{array}{c} 8 \ 024 \\ 11 \ 572 \\ 6 \ 827 \\ 6 \ 511 \\ 9 \ 564 \\ 6 \ 796 \\ 8 \ 478 \\ 8 \ 568 \\ 6 \ 083 \\ 5 \ 519 \\ 5 \ 666 \\ 4 \ 816 \\ 5 \ 887 \\ - \\ 4 \ 077 \\ - \\ - \\ 6 \ 538 \\ 9 \ 679 \end{array}$	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average

5. Avocados



2015	Aug.	Sep.	Oct.	Nov.	Dec.	2015
Market			Tons			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total	4 503 5 886 836 127 2 176 752 1 012 2 596 883 252 479 139 636 - 79 - - 20 356	6 007 7 514 1 129 138 2 797 889 1 167 3 059 1 015 433 645 193 750 - 189 - - 189 - - 25 925	5 719 8 463 1 016 152 2 820 897 1 275 3 325 1 103 377 650 256 935 - 200 - 200 - 27 188	5 785 7 386 927 136 2 718 949 1 334 2 894 1 284 319 527 289 932 	4 685 6 233 914 117 2 444 914 946 2 587 1 037 197 420 217 707 	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total
Market			R/ton			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average	4 978 4 806 4 825 5 390 5 707 6 142 5 375 5 089 5 144 5 006 4 704 4 957 4 738  4 692   5 072	3 727 3 844 3 974 4 741 4 949 5 439 4 461 4 156 4 336 3 934 3 781 4 333 3 781 	4 277 4 014 4 594 4 806 5 369 5 796 4 849 4 691 4 332 4 223 4 142 4 279 3 724 - 3 785 - - 4 426	4 482 4 740 5 575 5 626 5 762 6 082 4 852 4 757 4 244 4 765 5 227 4 576 4 079 - - 4 096 - - - 4 837	5 511  5 521  6 478  6 070  6 957  7 332  6 543  5 514  5 325  5 699  5 970  4 905  4 869  -  4 469  -  5 815	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average

6. Bananas



2015	Aug.	Sep.	Oct.	Nov.	Dec.	2015
Market	, tug.	оор.	Tons	1404.	D00.	Market
warket			Tons			warket
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total	271 412 8 - 108 - 4 27 17 3 4 - 9 - 9 - - - - - 863	288 445 13 - 136 - 4 47 14 4 5 - 11 - 11 - - 967	343 532 9 - 123 - 4 4 44 16 10 9 - 6 - 6 - - - - 1 096	332 418 7 - 92 0 5 37 21 14 5 - 4 - 4 - - 935	251 466 - - 45 - 1 5 9 5 2 - 5 0 - 5 0 - - - - 789	TSW JHB BFN CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total
Market			R/ton			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average	8 552 8 688 7 575 5 246 7 116 7 790 5 942 9 227 9 708 6 408 - - - - - 8 099	9 080 9 093 7 397 5 459 6 386 4 419 6 705 9 884 8 264 7 186 - - - - 8 259	9 643 9 275 8 322 	6 982 9 646 9 077 7 423 2 917 7 623 6 164 6 166 5 823 9 784 - 9 315 - - - - - - - - - - - - - - - - - - -	8 055 8 008 	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average
Average	0 0 9 9	0 209	9125	0 192	0 033	Average

#### 7. Papayas



2015	Aug.	Sep.	Oct.	Nov.	Dec.	2015
Market			Tons			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total	375 681 39 14 245 18 46 189 29 15 18 4 0 1 1 - - - - - 1 674	417 879 44 16 258 22 65 214 26 14 26 14 21 4 4 1 - - - - 1 985	442 1 000 45 12 182 18 96 185 25 14 22 3 - 2 - - 2 2046	444 1 105 80 15 280 23 115 298 37 14 24 3 1 1 - - - 2 440	$\begin{array}{c} 396 \\ 1\ 217 \\ 67 \\ 13 \\ 366 \\ 29 \\ 129 \\ 209 \\ 44 \\ 17 \\ 28 \\ 5 \\ 3 \\ 1 \\ - \\ - \\ - \\ - \\ 2\ 524 \end{array}$	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total
Market			R/ton			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average	$\begin{array}{c} 4 \ 832 \\ 5 \ 001 \\ 5 \ 663 \\ 5 \ 888 \\ 5 \ 517 \\ 2 \ 795 \\ 3 \ 139 \\ 4 \ 527 \\ 5 \ 191 \\ 5 \ 626 \\ 5 \ 703 \\ 5 \ 669 \\ 4 \ 931 \\ 6 \ 512 \\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	5 261 5 754 5 830 6 557 6 062 2 338 2 896 4 993 7 154 6 199 5 958 5 827 2 423 7 379 - - - - - 5 502	7 105 8 044 7 388 8 525 7 896 2 352 3 098 7 140 9 531 8 037 8 488 8 812  6 671   7 477	7 798 8 027 4 943 7 359 8 529 2 396 3 165 5 689 7 654 8 900 7 402 7 559 7 296 7 409 	9 732 9 426 5 846 8 846 9 889 2 984 3 723 8 953 8 682 9 241 8 885 8 898 6 388 7 500 - - - - 9 020	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average

#### 8. Pineapples



2015	Aug.	Sep.	Oct.	Nov.	Dec.	2015
Market			Tons			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total	$\begin{array}{c} 18\ 486\\ 39\ 568\\ 2\ 776\\ 348\\ 9\ 198\\ 2\ 998\\ 3\ 166\\ 9\ 134\\ 3\ 693\\ 1\ 663\\ 3\ 170\\ 1\ 113\\ 3\ 261\\ 365\\ 779\\ 242\\ 2\ 276\\ 346\\ 487\\ 103\ 069\\ \end{array}$	$\begin{array}{c} 17 \ 624 \\ 40 \ 869 \\ 2 \ 560 \\ 293 \\ 9 \ 855 \\ 2 \ 940 \\ 2 \ 925 \\ 8 \ 735 \\ 3 \ 224 \\ 1 \ 985 \\ 2 \ 870 \\ 1 \ 093 \\ 3 \ 134 \\ 388 \\ 812 \\ 165 \\ 2 \ 358 \\ 265 \\ 688 \\ 102 \ 783 \end{array}$	$\begin{array}{c} 19\ 539\\ 45\ 960\\ 2\ 938\\ 479\\ 9\ 533\\ 3\ 261\\ 2\ 957\\ 10\ 253\\ 3\ 469\\ 2\ 003\\ 3\ 525\\ 1\ 413\\ 3\ 533\\ 461\\ 941\\ 210\\ 2\ 842\\ 313\\ 578\\ 114\ 208\\ \end{array}$	$\begin{array}{c} 17 \ 023 \\ 36 \ 148 \\ 2 \ 921 \\ 342 \\ 9 \ 741 \\ 2 \ 868 \\ 3 \ 128 \\ 8 \ 383 \\ 2 \ 682 \\ 1 \ 675 \\ 3 \ 008 \\ 1 \ 188 \\ 3 \ 197 \\ 495 \\ 923 \\ 350 \\ 1 \ 941 \\ 224 \\ 726 \\ 96 \ 963 \end{array}$	$\begin{array}{c} 16\ 220\\ 34\ 285\\ 2\ 380\\ 272\\ 7\ 534\\ 2\ 414\\ 3\ 269\\ 8\ 191\\ 2\ 111\\ 1\ 764\\ 2\ 655\\ 916\\ 2\ 747\\ 331\\ 670\\ 548\\ 2\ 022\\ 216\\ 588\\ 89\ 133 \end{array}$	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total
Market			R/ton			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average	$\begin{array}{c} 2 \ 332 \\ 2 \ 258 \\ 2 \ 389 \\ 2 \ 744 \\ 2 \ 730 \\ 2 \ 665 \\ 2 \ 929 \\ 2 \ 137 \\ 1 \ 898 \\ 2 \ 322 \\ 2 \ 136 \\ 2 \ 549 \\ 2 \ 372 \\ 2 \ 449 \\ 2 \ 812 \\ 2 \ 977 \\ 2 \ 621 \\ 2 \ 494 \\ 2 \ 754 \\ 2 \ 349 \end{array}$	3 027 2 795 2 951 3 084 2 709 2 752 2 938 2 679 2 344 2 747 2 856 3 187 2 816 2 359 3 146 3 651 3 354 2 615 2 621 2 829	2 727 2 624 2 977 2 898 2 777 2 655 2 863 2 695 2 639 2 877 2 691 2 548 2 236 2 718 3 258 3 015 2 468 2 837 2 694	3 452 3 385 3 402 3 481 2 356 2 366 2 634 3 399 3 200 3 573 3 361 3 409 3 414 1 949 3 484 3 832 3 833 2 778 2 260 3 234	$\begin{array}{c} 4\ 578\\ 4\ 340\\ 4\ 235\\ 4\ 225\\ 3\ 522\\ 3\ 594\\ 3\ 798\\ 4\ 256\\ 3\ 857\\ 4\ 534\\ 4\ 271\\ 4\ 710\\ 4\ 538\\ 2\ 349\\ 4\ 766\\ 5\ 220\\ 4\ 992\\ 3\ 455\\ 3\ 020\\ 4\ 269\end{array}$	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average

#### 9. Potatoes



#### 10. Sweet potatoes

2015	Aug.	Sep.	Oct.	Nov.	Dec.	2015
Market			Tons			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total	$705 \\ 1 124 \\ 28 \\ 19 \\ 344 \\ 71 \\ 10 \\ 27 \\ 9 \\ 5 \\ 31 \\ 45 \\ 86 \\ 27 \\ 19 \\ - \\ 0 \\ 1 \\ 2 551 \\ $	476 944 23 8 431 56 11 32 6 8 15 10 60 27 15 - - 15 - 15 - 14 2 136	372 879 15 2 442 69 11 25 3 1 9 4 12 29 3 - - 11 1 887	249 905 12 1 272 57 7 26 4 0 5 - - 15 22 2 2 - - - - 15 22 2 - - - - - - - - 15 7 22 2 - - - - - - - - - - - - - - - -	278 882 15 - 247 46 11 30 2 0 10 - 2 27 - - - - - 1 550	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total
Market			R/ton			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average	3 326 4 839 4 248 3 328 3 380 2 313 7 327 6 300 3 672 4 480 2 553 1 973 2 308 2 885 2 724 	$\begin{array}{c} 4 \ 090 \\ 4 \ 937 \\ 4 \ 057 \\ 4 \ 256 \\ 3 \ 245 \\ 3 \ 098 \\ 7 \ 617 \\ 6 \ 797 \\ 6 \ 087 \\ 3 \ 444 \\ 3 \ 547 \\ 2 \ 553 \\ 1 \ 860 \\ 3 \ 516 \\ 2 \ 075 \\ \hline \\ 6 \ 005 \\ 4 \ 246 \end{array}$	$\begin{array}{c} 4\ 320\\ 5\ 398\\ 5\ 584\\ 2\ 471\\ 3\ 646\\ 2\ 343\\ 8\ 364\\ 6\ 968\\ 8\ 493\\ 3\ 696\\ 3\ 679\\ 1\ 648\\ 3\ 114\\ 3\ 257\\ 5\ 018\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	5 760 5 594 7 241 6 296 4 612 3 150 9 462 8 574 8 347 6 885 5 628 	6 416 4 530 5 296 - 4 122 3 598 9 699 6 331 9 819 7 600 4 244 - 5 522 3 730 - - - - 4 849	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average



2015	Aug.	Sep.	Oct.	Nov.	Dec.	2015
Market			Tons			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total	5722 $16833$ $458$ $99$ $2490$ $563$ $764$ $3954$ $808$ $289$ $488$ $370$ $713$ $46$ $129$ $72$ $405$ $15$ $17$ $34235$	5716 $15767$ $464$ $86$ $2464$ $903$ $790$ $4464$ $811$ $295$ $461$ $545$ $722$ $75$ $87$ $124$ $405$ $46$ $4$ $34229$	$\begin{array}{c} 5 \ 912 \\ 14 \ 884 \\ 486 \\ 88 \\ 2 \ 577 \\ 780 \\ 668 \\ 4 \ 179 \\ 800 \\ 278 \\ 474 \\ 485 \\ 640 \\ 35 \\ 113 \\ 170 \\ 362 \\ 20 \\ 12 \\ 32 \ 963 \end{array}$	$\begin{array}{c} 4\ 846\\ 12\ 764\\ 458\\ 91\\ 2\ 347\\ 797\\ 718\\ 3\ 579\\ 776\\ 283\\ 360\\ 282\\ 732\\ 58\\ 125\\ 13\\ 504\\ 25\\ 20\\ 28\ 778\\ \end{array}$		TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total
Market			R/ton			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average	$\begin{array}{c} 1 & 969 \\ 2 & 053 \\ 2 & 605 \\ 3 & 093 \\ 3 & 030 \\ 3 & 055 \\ 2 & 868 \\ 2 & 392 \\ 2 & 354 \\ 2 & 475 \\ 2 & 024 \\ 1 & 997 \\ 1 & 713 \\ 2 & 683 \\ 1 & 930 \\ 1 & 707 \\ 2 & 091 \\ 3 & 431 \\ 3 & 204 \\ 2 & 198 \end{array}$	1 977  2 027  2 358  3 134  2 914  2 913  2 727  2 441  2 250  2 538  2 083  1 702  1 670  2 666  2 286  1 454  2 019  2 538  1 898  2 182	$\begin{array}{c} 2 \ 039 \\ 2 \ 190 \\ 2 \ 478 \\ 2 \ 929 \\ 3 \ 013 \\ 2 \ 766 \\ 2 \ 729 \\ 2 \ 600 \\ 2 \ 203 \\ 2 \ 480 \\ 2 \ 233 \\ 2 \ 156 \\ 1 \ 543 \\ 2 \ 322 \\ 2 \ 248 \\ 1 \ 404 \\ 2 \ 146 \\ 2 \ 723 \\ 3 \ 468 \\ 2 \ 297 \end{array}$	$\begin{array}{c} 2 \ 520 \\ 2 \ 567 \\ 2 \ 777 \\ 2 \ 914 \\ 3 \ 086 \\ 2 \ 949 \\ 3 \ 074 \\ 2 \ 922 \\ 2 \ 663 \\ 2 \ 829 \\ 2 \ 601 \\ 2 \ 085 \\ 2 \ 079 \\ 2 \ 549 \\ 2 \ 259 \\ 2 \ 110 \\ 2 \ 612 \\ 3 \ 239 \\ 3 \ 010 \\ 2 \ 662 \end{array}$	3 034 3 031 2 897 2 667 2 825 3 472 3 620 3 520 3 209 3 025 2 976 2 314 2 434 2 681 2 966 2 724 2 754 3 982 2 607 3 079	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average

11. Onions



2015	Aug.	Sep.	Oct.	Nov.	Dec.	2015
Market			Tons			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total	3787 10507 598 214 2541 256 1552 255 343 513 379 552 2 127 - 3 4 21849	3 859 10 574 613 162 2 273 192 185 1 652 241 332 477 346 521 1 130 - - 2 2 21 560	4 187 12 979 677 213 2 433 239 187 1 625 271 371 542 342 541 1 89 - - 2 2 24 699	2 803 9 040 655 142 2 310 281 202 1 238 184 439 486 253 421 0 43 - - 1 1 18 498	3 541 10 379 498 190 2 587 307 231 1874 331 361 489 334 437 8 56 - - 3 6 21 632	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total
Market			R/ton			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average	6 200 5 915 6 178 4 293 4 854 7 786 6 542 6 369 6 507 7 103 6 019 5 153 5 432 8 867 5 336 2 2 030 1 308 5 888	7 156 6 914 7 425 6 430 7 498 9 124 7 943 6 837 7 330 8 248 7 382 6 050 5 550 5 673 5 738 - 5 539 - 7 034	6 776 6 271 6 649 5 862 8 458 9 075 8 239 6 878 7 050 7 452 6 999 5 635 4 627 7 710 5 437  5 954  6 655	8 731 8 904 7 344 9 994 8 985 8 787 7 389 9 224 9 448 7 739 8 323 8 038 7 527 6 775 7 387  7 803  8 760	8 437 7 966 8 786 7 806 7 594 8 381 7 496 7 311 7 882 9 809 8 560 6 976 5 655 8 606 7 043 	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average

#### 12. Tomatoes



2015	Aug.	Sep.	Oct.	Nov.	Dec.	2015
Market			Tons			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total	$\begin{array}{c} 2 \ 307 \\ 4 \ 729 \\ 268 \\ 68 \\ 797 \\ 263 \\ 488 \\ 1 \ 630 \\ 170 \\ 144 \\ 234 \\ 213 \\ 275 \\ 14 \\ 7 \\ - \\ 6 \\ 26 \\ 11 \ 639 \end{array}$	$\begin{array}{c} 2\ 504\\ 4\ 799\\ 262\\ 60\\ 783\\ 285\\ 557\\ 1\ 654\\ 174\\ 120\\ 234\\ 191\\ 326\\ 14\\ 11\\ -\\ -\\ 11\\ 41\\ 12\ 026 \end{array}$	$\begin{array}{c} 2 \ 302 \\ 4 \ 902 \\ 264 \\ 57 \\ 763 \\ 324 \\ 556 \\ 1 \ 613 \\ 183 \\ 124 \\ 271 \\ 216 \\ 300 \\ 12 \\ 10 \\ - \\ 5 \\ 29 \\ 11 \ 931 \end{array}$	$     \begin{array}{r}       1 994 \\       4 284 \\       265 \\       62 \\       786 \\       310 \\       520 \\       1 285 \\       133 \\       131 \\       251 \\       233 \\       318 \\       13 \\       10 \\       - \\       13 \\       10 \\       10 \\       10 618 \\     \end{array} $	$\begin{array}{c} 2\ 573\\ 5\ 048\\ 322\\ 50\\ 712\\ 353\\ 656\\ 1\ 593\\ 109\\ 175\\ 252\\ 218\\ 484\\ 19\\ 9\\ -\\ -\\ 5\\ 22\\ 12\ 600\\ \end{array}$	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total
Market			R/ton			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average	2 215 2 154 1 871 2 288 2 333 3 049 3 028 2 497 2 261 2 226 2 335 1 928 1 346 3 624 2 647 	2 507 2 360 2 236 2 244 2 501 3 264 3 158 2 651 2 431 2 574 2 430 1 897 1 348 4 034 2 539 	2 776 2 898 2 457 3 043 2 462 3 352 3 451 2 907 2 675 3 075 2 585 2 016 1 656 2 795 2 724 	3 054 3 087 2 360 2 443 2 363 3 362 3 598 3 304 3 350 3 016 2 773 2 440 2 028 3 128 3 009 	4 182 4 036 3 035 2 497 2 437 3 426 4 503 4 495 4 130 4 058 3 401 2 724 2 365 1 288 3 870 - 4 164 3 796 3 906	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average

#### 13. Carrots



2015	Aug.	Sep.	Oct.	Nov.	Dec.	2015
Market			Tons			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total	$\begin{array}{c} 2 \ 252 \\ 3 \ 386 \\ 493 \\ 136 \\ 521 \\ 152 \\ 342 \\ 730 \\ 192 \\ 277 \\ 467 \\ 174 \\ 637 \\ 77 \\ 77 \\ 77 \\ - \\ 53 \\ 0 \\ 9 \ 966 \end{array}$	2 289 3 668 731 117 589 256 338 1 002 208 360 453 198 615 78 80 - - 33 3 11 018	$ \begin{array}{c} 1 & 905 \\ 3 & 193 \\ 482 \\ 99 \\ 551 \\ 230 \\ 347 \\ 768 \\ 218 \\ 234 \\ 447 \\ 154 \\ 556 \\ 79 \\ 91 \\ - \\ 8 \\ 1 \\ 9 & 363 \\ \end{array} $	$\begin{array}{c} 1 \ 421 \\ 2 \ 289 \\ 450 \\ 160 \\ 538 \\ 184 \\ 359 \\ 596 \\ 166 \\ 182 \\ 354 \\ 317 \\ 368 \\ 57 \\ 80 \\ - \\ - \\ 14 \\ - \\ 7 \ 535 \end{array}$	$ \begin{array}{c} 1 418 \\ 2 034 \\ 317 \\ 80 \\ 448 \\ 96 \\ 327 \\ 435 \\ 84 \\ 97 \\ 319 \\ 164 \\ 300 \\ 42 \\ 49 \\ - \\ 10 \\ - \\ 6 220 \\ \end{array} $	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total
Market			R/ton			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average	1 146 1 486 1 278 1 609 1 643 1 700 1 531 1 346 1 223 1 297 1 352 2 140 1 026 1 517 1 868 - - 1 384 1 000 1 371	1 071 1 355 1 240 1 565 1 649 1 081 1 566 1 024 1 181 1 124 1 176 1 684 1 013 1 772 1 653 - 1 112 1 402 1 250	1 707 2 432 1 256 1 588 1 722 1 074 1 514 1 059 1 160 1 817 1 520 2 016 1 771 1 713 2 205 - 1 380 1 108 1 849	2 740 3 638 2 507 2 109 1 625 1 375 1 562 1 706 1 879 2 767 2 824 1 363 2 339 1 531 2 145 - 1 601 - 2 625	3 393 4 510 3 142 1 797 1 582 2 051 1 777 3 166 2 560 3 111 3 496 2 317 2 603 1 731 2 619 - 2 008 - 3 376	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average

14. Cabbage



#### 15. Cauliflower

2015	Aug.	Sep.	Oct.	Nov.	Dec.	2015
Market			Tons			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total	86 251 4 0 134 22 29 82 30 1 4 1 9 17 0 - - 670	136 402 5 0 273 18 27 94 21 1 2 0 10 10 16 0 - - - 1005	116 371 6 - 325 26 9 89 17 1 2 0 4 16 0 - - - 982	60 210 3 1 135 29 7 43 9 0 1 - 2 8 - - - - 508	156 359 4  185 15 9 98 16 1 4  4 9  - - - 860	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total
Market			R/ton			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average	8 453 8 416 7 946 7 967 7 576 3 066 2 398 4 085 3 611 9 896 4 626 6 506 2 454 2 284 4 005 - - - 6 813	5 912 7 678 6 979 4 200 4 130 3 618 2 884 4 266 3 703 7 242 6 651 4 913 1 702 2 609 1 731 - - - 5 723	9 781 9 855 11 918 3 208 2 790 7 690 6 275 5 602 9 268 7 727 4 231 2 021 1 732 1 000 - - - 8 555	11 366 11 341 10 330 4 667 6 485 2 225 8 006 9 765 8 907 6 938 9 146 6 259 2 611 - - - 11 123	8 540 8 431 9 531 - 4 459 3 078 8 825 6 191 7 326 10 468 7 035 - 5 880 3 716 - - - - 7 167	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average



Aug. 330 721 33 1 264	Sep. 413 855 41	Oct. Tons 550 1 076	Nov. 424	Dec. 1 010	2015 Market
721 33 1 264	855	550	424	1 010	
15 12 225 43 6 26 1 93 1 3 - - - - 1 774	3 367 12 6 241 38 6 33 2 105 1 - - - - 2 123	48 - 458 16 12 297 47 6 55 7 145 1 1 - - 2719	839 - - - - - - - - - 2 117	1 618 - - 442 20 13 326 58 5 69 5 72 1 0 - - 3 639	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total
		R/ton			Market
6 216 7 292 6 153 5 644 4 571 5 755 5 730 4 747 6 087 7 502 4 940 5 658 2 528 4 362 3 489	5 067 5 556 4 790 2 846 2 671 5 269 8 911 2 576 3 103 4 688 3 861 5 606 1 866 5 111 - - -	5 001 5 070 5 264 2 044 5 171 5 436 3 076 3 514 9 148 2 785 3 431 1 378 4 786 2 232 - -	8 760 8 777 3 357 5 023 8 686 4 373 7 238 5 959 4 315 9 263 2 950 4 953 2 749	6 586 7 281 	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO
	7 292 6 153 5 644 4 571 5 755 5 730 4 747 6 087 7 502 4 940 5 658 2 528 4 362 3 489	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

#### 16. Lettuce



#### 17. Green beans

2015	Aug.	Sep.	Oct.	Nov.	Dec.	2015
Market			Tons			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total	243 603 19 1 132 - 5 34 9 5 13 6 9 - 0 - 0 - - 1 079	252 812 27 1 142 - 1 20 11 7 16 3 9 - 2 - 2 - 1 3 9 - 1 20 11 7 16 3 9 - 2 - 1 10 20 11 11 20 11 11 20 11 11 20 11 11 20 11 11 20 11 11 20 11 11 20 11 11 20 11 11 20 11 11 20 11 11 20 11 11 20 11 11 20 11 11 20 11 11 20 11 11 7 16 3 9 - 2 - 1 1 10 10 11 11 7 16 3 9 - 1 2 1 11 11 7 16 3 9 - 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	269 516 16 - 131 - 2 22 8 8 8 17 8 8 17 8 8 - 0 - - - 1005	216 625 21 - 127 - 3 21 6 7 15 2 3 1 4 - - - 1 051	284 413 16 - 131 - 6 13 6 0 20 17 9 5 2 - - - - 922	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total
Market			R/ton			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average	9 832 8 233 6 546 4 942 8 944 4 672 7 258 9 740 6 708 8 081 7 810 6 676 6 914 	9 901 6 273 7 110 6 781 8 317 - 7 915 9 927 9 238 7 526 6 394 6 542 6 706 - 3 343 - - - 3 343 - - - 7 528	8 342 9 048 10 874 	11 829 7 507 8 111 11 390 7 076 10 648 11 991 6 693 9 123 9 332 10 490 8 105 5 232 	11 709 10 924 10 560 	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average



18.	<b>Pumpkins</b>
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2015	Aug.	Sep.	Oct.	Nov.	Dec.	2015
Market			Tons			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total	$\begin{array}{c} 652 \\ 2 \ 180 \\ 329 \\ 97 \\ 577 \\ 273 \\ 89 \\ 24 \\ 9 \\ 239 \\ 357 \\ 125 \\ 105 \\ 104 \\ 26 \\ - \\ 0 \\ 35 \\ 5 \ 221 \end{array}$	767 $2 244$ $338$ $80$ $465$ $241$ $60$ $39$ $10$ $237$ $379$ $98$ $102$ $113$ $23$ $-$ $-$ $40$ $5 236$	$ \begin{array}{c} 1 \ 100\\ 2 \ 384\\ 340\\ 80\\ 396\\ 240\\ 79\\ 68\\ 22\\ 220\\ 419\\ 146\\ 133\\ 89\\ 59\\ -\\ -\\ 21\\ 5 \ 796\\ \end{array} $	779 2 049 280 99 367 105 38 20 14 180 287 142 83 54 40 - - 7 4 544	$\begin{array}{c} 443\\ 1230\\ 148\\ 87\\ 312\\ 171\\ 34\\ 2\\ 6\\ 114\\ 234\\ 47\\ 42\\ 65\\ 6\\ -\\ -\\ -\\ 0\\ 2941\end{array}$	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total
Market			R/ton			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average	2 556 2 238 2 145 1 915 1 642 2 009 1 857 2 361 3 062 2 160 2 223 2 172 2 466 1 373 2 305 	2 192 2 010 2 351 2 290 2 175 2 084 2 804 1 996 4 407 2 281 2 400 2 707 2 064 1 536 2 964 	$ \begin{array}{c} 1 558 \\ 1 665 \\ 2 313 \\ 2 123 \\ 2 504 \\ 2 436 \\ 2 648 \\ 1 860 \\ 2 232 \\ 2 480 \\ 2 232 \\ 2 480 \\ 2 223 \\ 1 656 \\ 1 587 \\ 1 697 \\ 1 820 \\ \hline                                   $	2 068 2 022 3 210 2 396 2 996 3 644 3 764 3 306 2 299 3 036 2 715 2 140 1 704 1 892 2 166 	4 011 3 884 4 897 3 377 3 412 4 159 3 226 3 919 3 353 4 700 4 068 4 412 2 368 2 533 2 162 - - 2 000 3 896	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average



#### 19. Gem squashes

2015	Aug.	Sep.	Oct.	Nov.	Dec.	2015
Market			Tons			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total	163 621 0  161 3 8 6 1 - 2 16 19 - - - - - - - - 1000	240 898 4 1 122 5 7 15 3 3 7 91 17 - - - - 1413	471 1 154 9 1 389 11 4 19 2 4 10 43 42 1 - - - 2 160	239 855 9 1 328 20 5 20 4 6 5 82 39 2 - - - - - 1 615	134 497 8 0 333 18 3 10 13 3 6 21 14 7 0 - - - 1067	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total
Market			R/ton			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average	5 984 8 416 9 600 	3 754 4 727 5 235 5 803 5 653 5 251 8 051 5 735 9 650 5 331 4 170 3 777 3 773 - - - - - 4 610	2 055 2 300 3 238 5 489 2 677 4 042 7 553 4 046 8 525 3 190 2 478 2 145 1 890 8 943  - - 2 352	2 346 2 992 3 242 2 257 2 417 3 371 5 273 4 959 6 305 2 242 1 876 2 381 1 079 5 473 - - - 2 743	4 484 6 099 4 031 1 455 2 291 3 624 4 064 6 922 3 844 4 095 3 602 3 780 2 922 3 052 3 543 - - - 4 496	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average



#### 20. Hubbard squashes

2015	Aug.	Sep.	Oct.	Nov.	Dec.	2015
Market			Tons			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total	102 390 - 0 9 - - - 0 4 20 15 - 6 - 6 - - 546	313 895 - - 0 - 1 - 2 15 29 11 - - - - - - - - - - - 1 266	$\begin{array}{c} 638 \\ 1 \ 462 \\ - \\ 2 \\ 34 \\ 1 \\ - \\ 2 \\ 1 \\ 32 \\ 63 \\ 68 \\ 142 \\ 0 \\ 33 \\ - \\ - \\ - \\ 2 \ 478 \end{array}$	644 1 488 15 7 33 2 2 0 - 28 124 97 205 4 8 - - - 205 4 8 - - - 205	913 1 783 71 15 56 1 0 - - 105 168 153 261 7 23 - - - 3 556	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total
Market			R/ton			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average	4 335 4 282 3 000 2 082 - - - 2 834 5 809 3 599 2 959 - 3 670 - - - - 4 198	3 080 3 010 - 2 083 - 4 063 - 4 078 3 574 3 245 3 055 - - - - - - - - - - - - -	1 706 1 975 2 760 2 139 3 544 - 3 348 4 613 1 911 3 111 2 131 1 995 3 285 1 827 - - - 1 943	$ \begin{array}{c} 1 408 \\ 1 579 \\ 3 171 \\ 3 065 \\ 1 880 \\ 2 903 \\ 2 697 \\ 1 263 \\                                    $	2 048 2 274 3 230 2 725 1 184 3 030 1 778 	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average



#### 21. Butternut squashes

2015	Aug.	Sep.	Oct.	Nov.	Dec.	2015
Market			Tons			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total	$\begin{array}{c} 2 \ 198 \\ 4 \ 025 \\ 59 \\ 2 \\ 722 \\ 132 \\ 197 \\ 215 \\ 155 \\ 39 \\ 27 \\ 207 \\ 61 \\ 4 \\ 111 \\ - \\ 36 \\ 0 \\ 8 \\ 8 \ 098 \end{array}$	$\begin{array}{c} 2 \ 019 \\ 4 \ 525 \\ 63 \\ 5 \\ 904 \\ 71 \\ 186 \\ 184 \\ 118 \\ 36 \\ 31 \\ 418 \\ 84 \\ 4 \\ 12 \\ - \\ 14 \\ - \\ 0 \\ 8 \ 674 \end{array}$	$\begin{array}{c} 2 \ 428 \\ 5 \ 190 \\ 56 \\ 5 \\ 709 \\ 59 \\ 149 \\ 366 \\ 129 \\ 36 \\ 47 \\ 393 \\ 19 \\ 1 \\ 0 \\ - \\ - \\ 6 \\ 9 \ 593 \end{array}$	$\begin{array}{c} 2\ 670\\ 4\ 665\\ 51\\ 2\\ 612\\ 98\\ 197\\ 295\\ 102\\ 25\\ 85\\ 203\\ 149\\ 3\\ 50\\ -\\ -\\ -\\ 1\\ 9\ 208\\ \end{array}$	1 765 3 928 120 1 797 170 306 406 181 39 44 127 212 8 14 - - 8 118	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total
Market			R/ton			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average	2 903 2 969 3 624 2 366 3 399 3 266 3 843 3 731 3 292 2 645 3 350 3 560 2 281 2 722 2 474  2 860 1 823 3 278 3 055	$\begin{array}{c} 3 \ 137 \\ 3 \ 036 \\ 3 \ 646 \\ 2 \ 585 \\ 3 \ 200 \\ 3 \ 170 \\ 4 \ 434 \\ 3 \ 452 \\ 3 \ 440 \\ 2 \ 954 \\ 2 \ 684 \\ 3 \ 056 \\ 2 \ 024 \\ 2 \ 602 \\ 2 \ 509 \\ \hline 2 \ 314 \\ \hline 1 \ 363 \\ 3 \ 114 \end{array}$	3 444 3 272 4 182 3 025 3 725 5 619 5 175 3 313 4 782 2 896 2 732 3 328 2 689 6 160 2 000 	2 094 2 748 3 944 3 240 3 866 3 900 4 196 2 987 3 972 3 365 1 816 2 754 2 047 5 199 1 992 	4 110 4 358 5 362 4 000 4 065 4 549 5 309 4 916 5 046 4 635 2 505 3 334 2 452 4 707 2 602 - - 4 296	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average



2015	Aug.	Sep.	Oct.	Nov.	Dec.	2015
Market			Tons			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total	1 013 2 011 34 4 516 21 80 138 29 32 48 26 34 0 3 48 26 34 0 3 4 8 26 34 0 3 3 - - - 3 989	1 095 2 253 37 3 598 19 78 102 26 26 26 53 33 35 0 8 - - - 4 366	$ \begin{array}{c} 1 \ 042 \\ 3 \ 452 \\ 26 \\ 4 \\ 648 \\ 12 \\ 48 \\ 123 \\ 26 \\ 22 \\ 57 \\ 23 \\ 66 \\ 0 \\ 4 \\ - \\ - \\ 5 \ 553 \\ \end{array} $	914 2 053 31 1 587 33 75 108 31 24 47 23 69 0 5 - - 4 001	$\begin{array}{r} 976 \\ 2  456 \\ 75 \\ 3 \\ 718 \\ 44 \\ 127 \\ 202 \\ 46 \\ 33 \\ 53 \\ 12 \\ 56 \\ 2 \\ 5 \\ - \\ - \\ 2 \\ 5 \\ - \\ - \\ 2 \\ 4  810 \end{array}$	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total
Market			R/ton			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average	6 834 8 088 8 918 7 282 7 533 7 791 8 079 7 193 8 160 5 074 6 212 5 320 6 194 8 477 8 239 	8 831 9 214 9 080 6 075 8 678 6 699 8 729 9 736 9 185 6 664 8 131 6 255 8 202 6 667 5 227 - - - - 10 008	9 994 9 684 12 817 10 633 12 523 9 263 13 518 11 946 11 945 6 685 8 041 5 958 7 723 4 569 9 524 - - - 10 113	7 883 10 253 11 823 9 938 10 226 8 761 10 364 10 062 8 784 7 682 6 374 4 290 7 087 10 868 9 132 - - - 9 542	11 964 11 153 8 236 8 466 11 317 8 921 11 443 10 586 11 917 6 729 7 593 5 460 9 511 10 028 10 603 - - 11 402 11 161	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average

#### 22. Peppers



#### 23. English cucumbers

2015	Aug.	Sep.	Oct.	Nov.	Dec.	2015
Market			Tons			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total	400 960 18 - 397 - 5 72 39 12 13 - 6 - - - - - - 1 922	336 929 23 - 369 - 5 51 40 11 15 - 9 1 - - - - 1 789	355 1 085 18 2 358 - 4 125 27 10 9 2 12 2 12 2 12 2 1 - - - 2 010	268 911 15 1 308 - 5 71 23 10 10 3 11 3 2 - - 1 1 642	283 1 153 17 - 460 - 4 112 32 11 18 8 12 4 1 - - 2 115	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Total
Market			R/ton			Market
TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average	9 899 11 923 11 238 8 333 9 990  10 768 10 058 6 899 8 906 7 915  9 344  9 344  9 583 10 867	12 162 11 702 9 863 9 190 - 11 943 11 960 7 119 9 263 9 653 - 9 397 2 559 - - - - - - - - - - - - -	7 059 5 728 10 731 8 596 6 346 12 232 6 033 9 400 6 932 9 497 7 258 6 789 4 553 5 837 - - - 10 000 6 239	9 630 7 622 11 259 11 805 7 895 10 089 8 189 10 565 7 471 9 903 9 751 4 929 3 606 9 239 - - - 7 920 8 104	$ \begin{array}{c} 11 \ 195 \\ 9 \ 223 \\ 12 \ 484 \\ 11 \ 940 \\ 9 \ 488 \\                                  $	TSW JHB BFN KIM CT PE EL DBN PMB WLK KDP VER SPR UIT WBK NLS MPL KEI GEO Average



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