



## agriculture & rural development

---

Department:  
agriculture  
& rural development  
**PROVINCE OF KWAZULU-NATAL**



# Fresh Produce Market Analysis Report for Quarter 2 (April-June 2016)

## **CONTENTS PAGE**

<b>1. INTRODUCTION</b>	<b>3</b>
<b>2. SUMMARY</b>	<b>3</b>
<b>2.1. POTATOES</b>	<b>4</b>
<b>2.2. SWEET POTATOES</b>	<b>5</b>
<b>2.3. ONIONS</b>	<b>6</b>
<b>2.4. CARROT</b>	<b>7</b>
<b>2.5. CABBAGE</b>	<b>8</b>
<b>2.6. LETTUCE</b>	<b>9</b>
<b>2.7. PUMPKINS</b>	<b>10</b>
<b>2.8. GEM SQUASH</b>	<b>11</b>
<b>2.9. BUTTERNUT SQUASH</b>	<b>12</b>
<b>2.10. TOMATOES</b>	<b>13</b>
<b>2.11. PEPPERS</b>	<b>14</b>
<b>2.12. ENGLISH CUCUMBER</b>	<b>15</b>

## **1. INTRODUCTION**

The main purpose of this publication is to present a quarterly analysis of KwaZulu-Natal (KZN) Fresh Produce Markets (FPM) volumes, prices and trends at the Pietermaritzburg and Durban Fresh Produce Markets. The bulletin will cover trend analysis relating to prices (R/ ton) and volumes (tons) of selected vegetables sold at the two markets, considered to be of importance in the region due to the area under production within KZN and/or marketed volumes. The interval covered in the current issue is quarter 2 of 2015 (April- June 2015) which will be compared with Quarter 2 of 2016 (April- June 2016).

This document focuses only on the following commodities: potatoes, sweet potatoes, onions, carrots, cabbage, lettuce, pumpkins, gem squashes, butternut squashes, tomatoes, peppers and English cucumber however the combination of selected vegetables might change over time due to relevance.

## **2. SUMMARY**

Volumes have generally increased in both the Pietermaritzburg and Durban FPMs, there were also some declines in volumes supplied notably from potatoes (PMB), onions, carrot, pumpkins and gem squashes. For the PMB FPM major quantity increases were noted in cabbage (99%) and English cucumbers (50%) and for Durban FPM major quantity increases came from cabbage (88%). The trend for prices has generally been upwards for both markets with major increases for PMB FPM in cabbages and onions (72%), potatoes (69%) and English cucumbers (55%). For the DBN FPM the main increases came from potatoes (65%) and carrot (51%).

A detailed analysis and discussion is presented herein for the various fresh produce in both Pietermaritzburg and Durban Fresh Produce Markets, comparing April-June 2015 to April-June 2016.

## 2.1. POTATOES

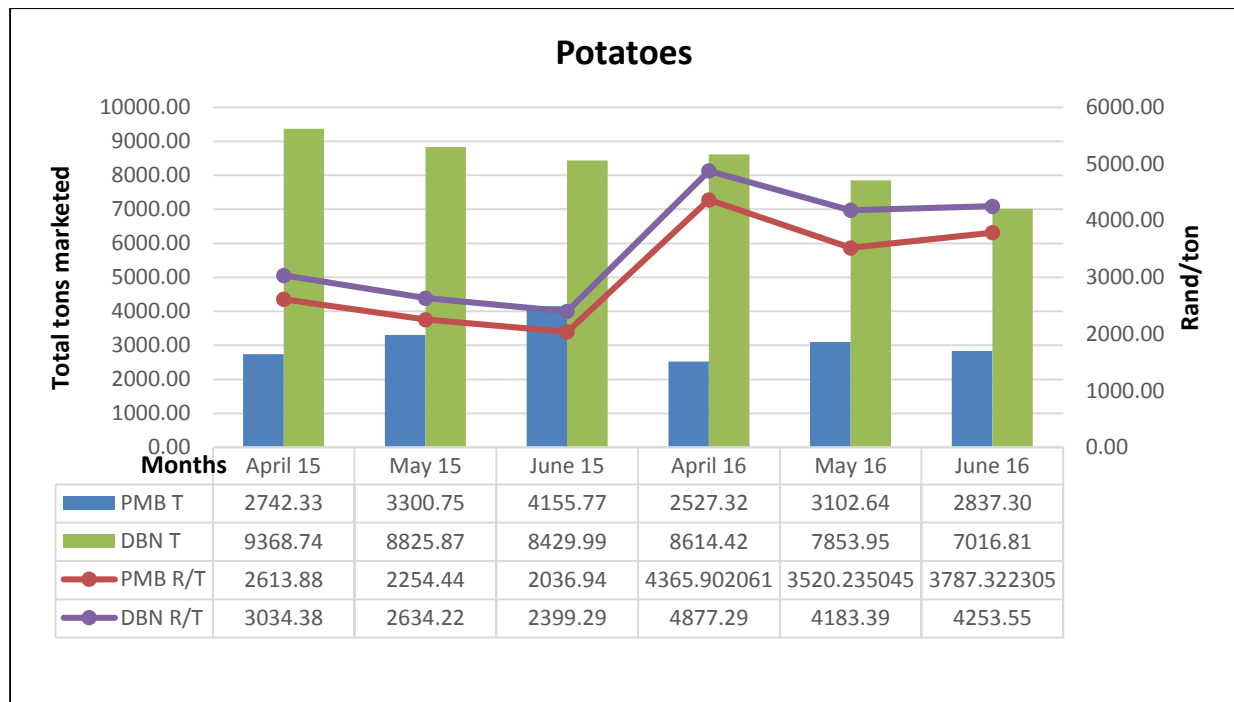


Figure 1: Trends for potatoes in PMB and DBN FPM (2015 and 2016 Q2)

- **Pietermaritzburg**

In Pietermaritzburg FPM, the supply of potatoes was highest in May 2016 at 3,102.64 tons, which was 6% lower than the volume supplied in the same month of 2015, while the average supply decreased by 17% from the second quarter of 2015 to the same period in 2016. The price of potatoes was highest in April 2016 at R4, 365.90/t, which was 67% increase compared to R2, 613.88/t at the same month in 2015. Average price of potatoes in the second quarter of 2016 showed a 69% increase from R 2301.75/t in 2015 to R3, 891.15/t in 2016 quarter two.

- **Durban**

In the Durban FPM, supply of potatoes was highest in April 2016 at 8,614.42 tons, which was 8% lower than the volume supplied in the same month of 2015, while average supply of potatoes showed a decline of 12% from 2015 second quarter (8,874.87t) to 2016 second quarter (7,828.40t). The price of potatoes was highest in April 2016 worth the value of R4, 877.29/t, which was 61% higher compared to the value of potatoes in the same month of 2015. The average price of potatoes increased by 65% from R2, 689.30 in the second quarter of 2015 to R4, 438.08/t in the second quarter of 2016.

## 2.2. SWEET POTATOES

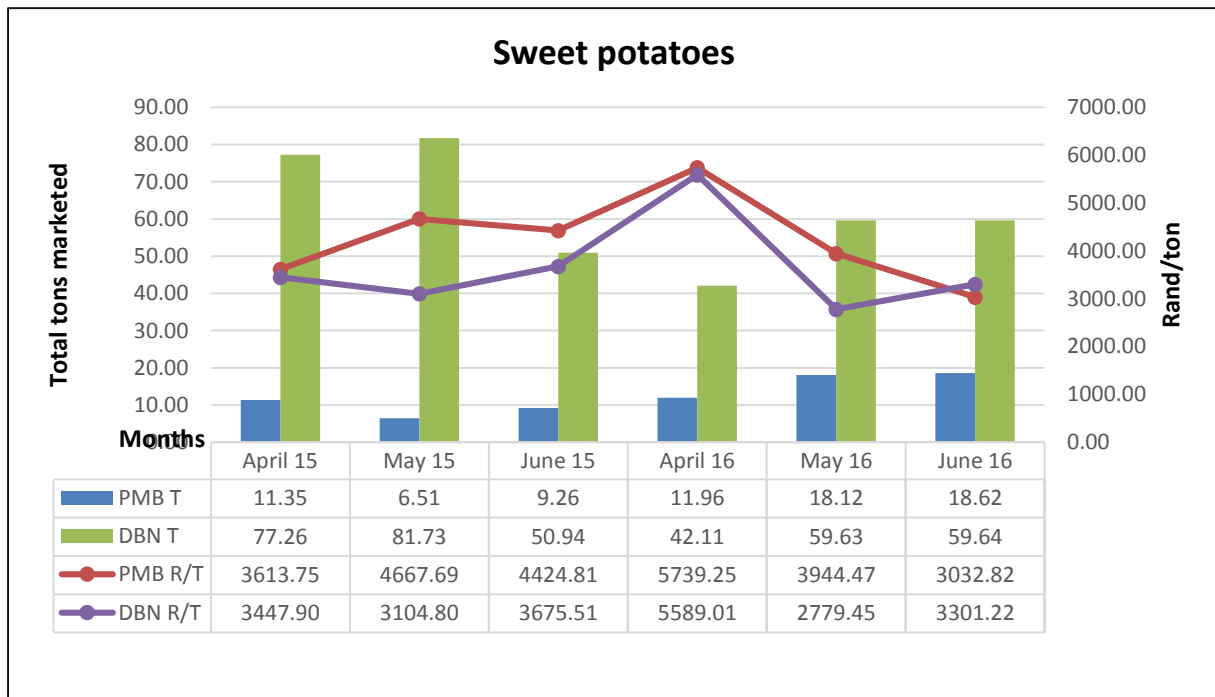


Figure 2: Trends for sweet potatoes in PMB and DBN FPM (2015 and 2016 Q2)

- **Pietermaritzburg**

In Pietermaritzburg FPM, the supply of sweet potatoes was highest in June 2016 at 18.62t, which was 50% higher than the volume supplied in the same month of 2015. The average supply of sweet potatoes in the second quarter of 2016 (16.23t) increased by 44% compared to the same time in 2015. Potato prices were highest in April 2016 valued at R5, 739/t, which was 37% higher compared to the value of sweet potatoes in the same month of 2015, while the average price of sweet potatoes in the second quarter of 2016 (R4, 238/t) remained stable compared to average price for the second quarter of 2015 (R4, 234/t).

- **Durban**

In Durban FPM, the supply of sweet potatoes was highest in June 2016 at 59.64t, which was 15% higher than the volume supplied in the same month of 2015. The average supply of sweet potatoes in the second quarter of 2016 (53.8t) increased by 23% from 70 tons average for the second quarter of 2015. Potato price was highest in April 2016 worth the value of R5, 589.01/t, which was 38% higher compared to the value of sweet potatoes in the same month of 2015, while the average price increased by 12% from R3, 409/t in 2015 to R3, 890/t in 2016.

## 2.3. ONIONS

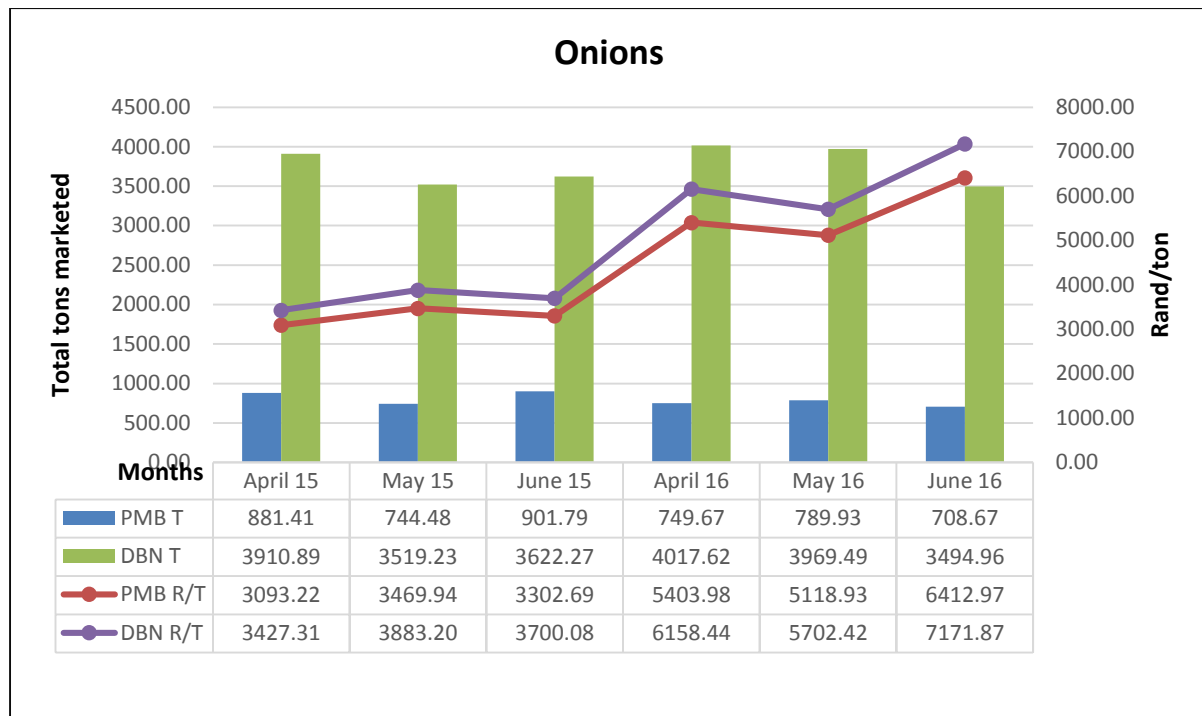


Figure 3: Trends for onions in PMB and DBN FPM (2015 and 2016 Q2)

- **Pietermaritzburg**

In Pietermaritzburg FPM, the supply of onions was highest in May 2016 at 789.93 tons which was 6% higher than the volume supplied in the same month of 2015, while the average supply of onions showed a decline of 11% from 842.56t in the second quarter of 2015 to 749.42t in the second quarter of 2016. The price of onions was highest in April 2016 worth the value of R6,412.97/t, which is 94% higher compared to the value of onions in the same month of 2015, while average price of onions increased by 72% from R3, 288.67/t in the second quarter of 2015 to R5, 642.29/t in the second quarter of 2016.

- **Durban**

In Durban FPM, the supply of onions was highest in April 2016 at 4, 017.62t, which was 14% higher than the volume supplied in the same month of 2015, while the average supply of onions in also increased by 4% from 3, 684.13t in the second quarter of 2015 to 3, 827.36t in the second quarter of 2016. Onion prices were highest in June 2016 worth the value of R7, 171.87/t, which was 94% higher compared to the value of onions in the same month of 2015, while the average price of onions increased by 73% from R3, 670.20/t in the second quarter of 2015 to R6, 344.24/t the second in the of 2016.

## 2.4. CARROTS

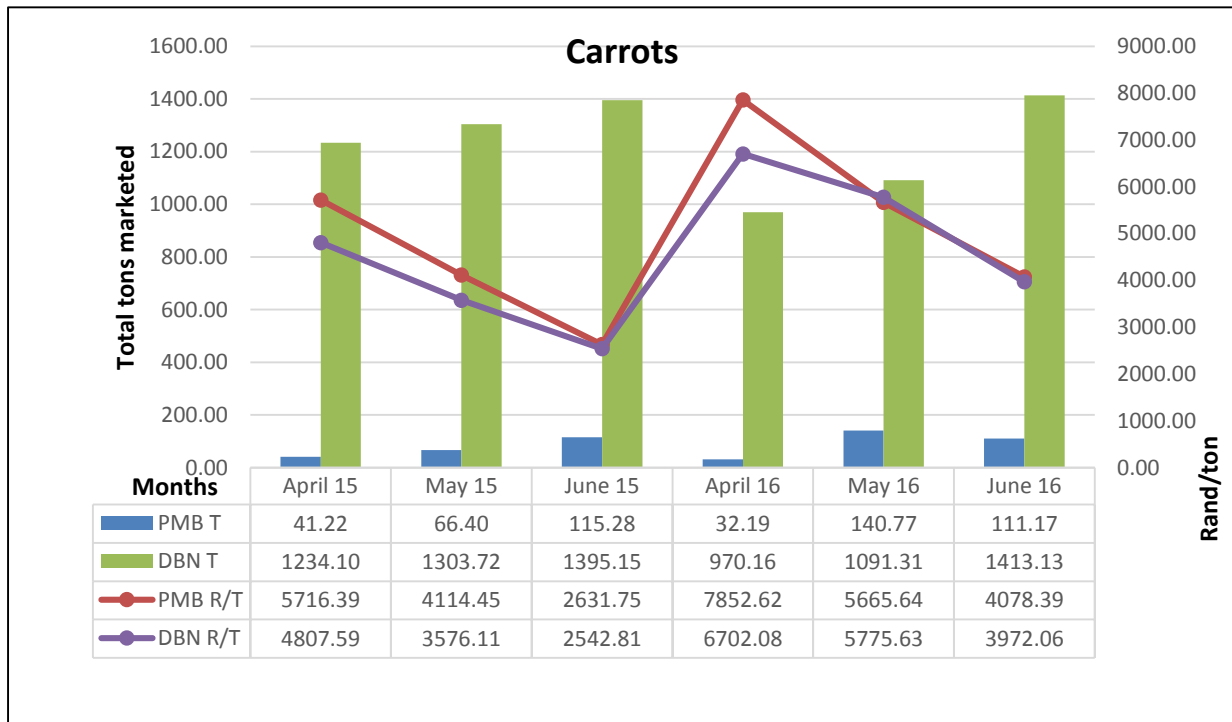


Figure 4: Trends for carrots in PMB and DBN FPM (2015 and 2016 Q2)

### ● Pietermaritzburg

In Pietermaritzburg FPM, the supply of carrots was highest in May 2016 at 140.77t, which was more than double the amount supplied in the same month of 2015. The average supply of carrots showed an increase of 27% from 74.3t in the second quarter of 2015 to 94.71t in the second quarter of 2016. Carrot prices were the highest in April 2016 worth the value of R7, 852.62/t, which was 91% higher compared to the value of carrots in the same month of 2015. While, the average price of carrots in the second quarter of 2016 increased by 41% from (R4, 154.20/t) in the second quarter of 2015 to R5, 865.55/t.

### ● Durban

In Durban FPM, the supply of carrots was highest in June 2016 at 1,413.13t, which was 1% higher than the volume supplied in the same month of 2015. The average supply of carrots decreased by 12% from 1, 310.99t in the second quarter of 2015 to 1, 158.20t in the second quarter of 2016. Carrot prices were the highest in April 2016 worth the value of R6, 702.08/t, which was 39% higher compared to the value of carrots in the same month of 2015, while the average price increased by 51% from R3, 642.17/t in the second quarter of 2015 to 5, 483.26/t in the second quarter of 2016.

## 2.5. CABBAGE

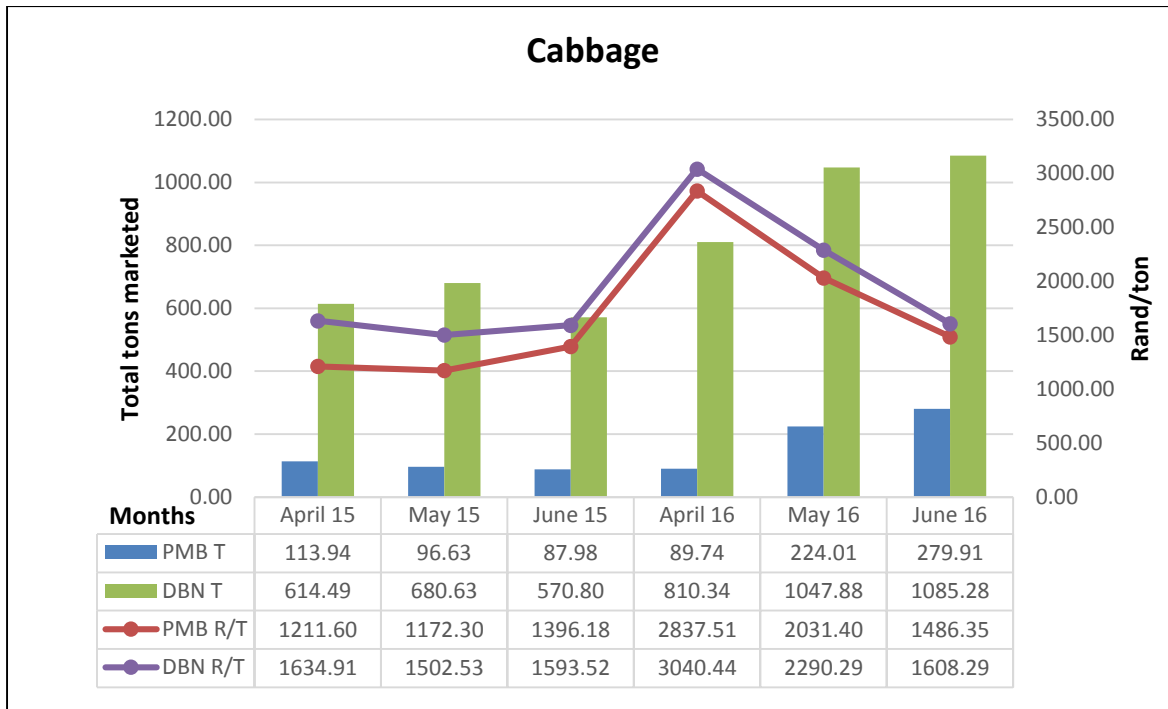


Figure 5: Trends for cabbage in PMB and DBN FPM (2015 and 2016 Q2)

- **Pietermaritzburg**

In Pietermaritzburg FPM, the supply of cabbage was highest in June 2016 at 279.91t, which was more than two times higher than the volume supplied in the same month of 2015. Average supply of cabbage in the second quarter of 2016 increased by 99% from 98.37t in 2015 to 197.89t. Cabbage prices were the highest in April 2016 at R2, 837.51/t, which was more than double (134%) the price recorded in the same month of 2015. The average price of carrots in the second quarter of 2016 increased by 72% from R1, 230.03/t in 2015 to R2, 118.42/t.

- **Durban**

In the Durban FPM, supply of cabbage was highest in June 2016 at 1, 085.28t, which was 90% higher than the volume supplied in the same month of 2015. The average supply of cabbage increased by 88% from 521.97t in the second quarter of 2015 to 981.17t in 2016 second quarter. Cabbage price was the highest in April 2016 at R3, 040 /t, which was 46% higher compared to the value of carrots in the same month of 2015. The average price of carrots in the second quarter of 2016 (R2, 313/t) increased by 32% compared to the second quarter of 2015 (R1, 576.98/t).



## 2.6. LETTUCE

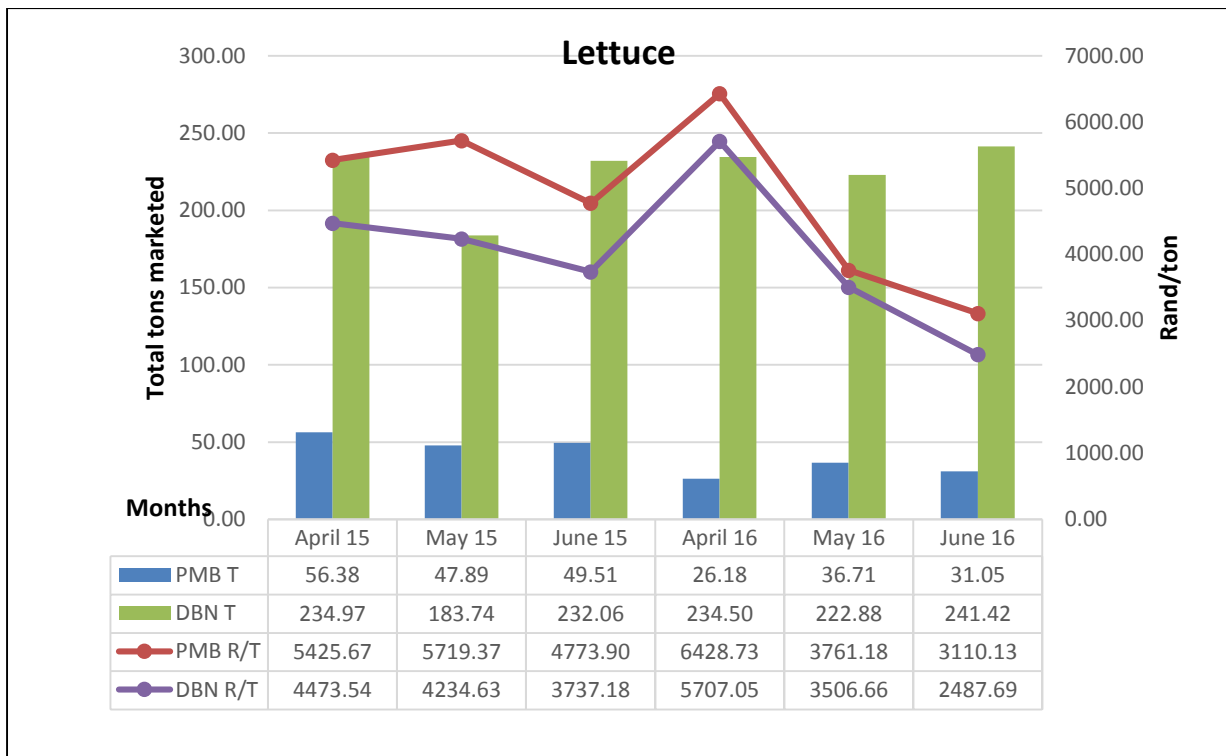


Figure 6: Trends for lettuce in PMB and DBN FPM (2015 and 2016 Q2)

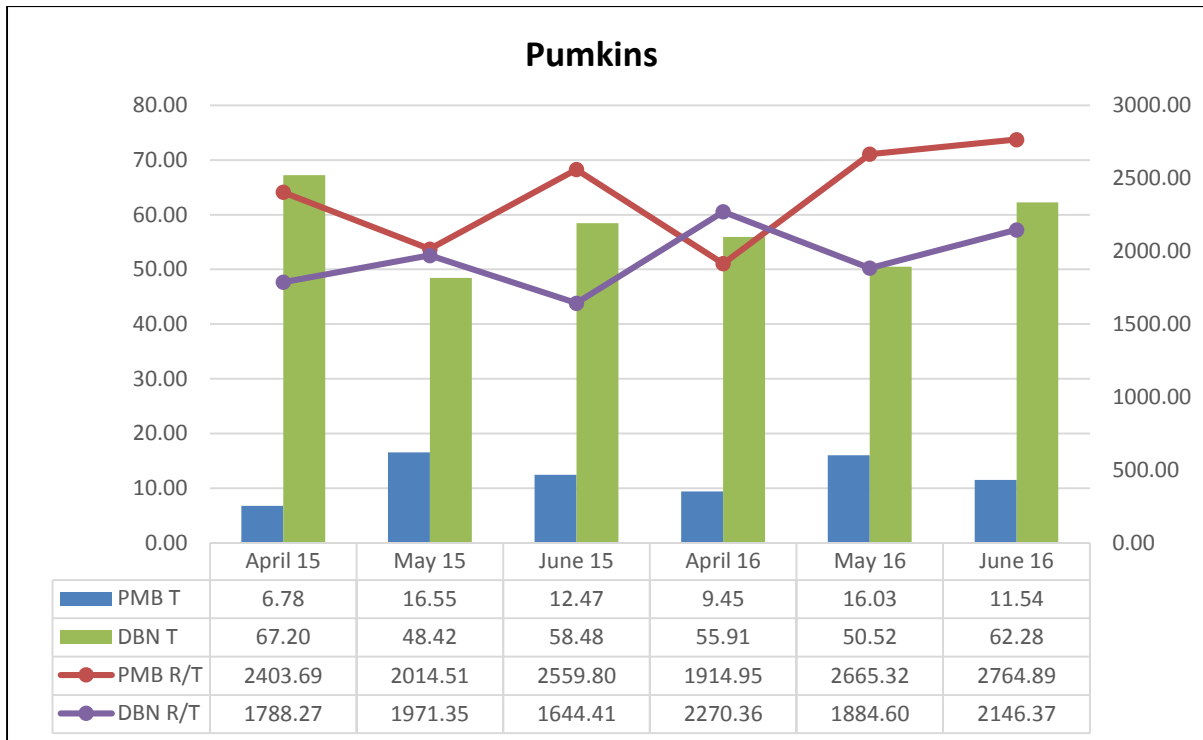
### ● Pietermaritzburg

In Pietermaritzburg FPM, the supply of lettuce was highest in May 2016 at 36.71t, which was 23% lower than the volume supplied in the same month of 2015. The average supply of lettuce in the second quarter of 2016 was 31.32t showing a 39% increase from 51.26t in the same time of 2015. Lettuce price was the highest in April 2016 at R6, 429/t, which was 16% higher compared to the value of lettuce in the same month of 2015. The average price of lettuce in the second quarter of 2016 was R5, 306.32/t showing an increase of 16% from R4, 433 /t in 2015.

### ● Durban

In the Durban FPM, lettuce supply was highest in April 2016 at 234.50t, which was 0.2% lower than the volume supplied in the same month of 2015, while the average supply was 232.94t, an increase of 39% from 216.92t of 2015. Lettuce prices were the highest in April 2016 valued at R6, 428.73/t, which was 7% higher compared to the value of lettuce in the same month of 2015, while the average price of lettuce in the second quarter of 2016 was R4, 433.35/t indicating a 17% increase for the average price of 2015 second quarter.

## 2.7. PUMPKINS



**Figure 7: Trends for pumpkins in PMB and DBN FPM (2015 and 2016 Q2)**

- **Pietermaritzburg**

The supply of pumpkins was highest in May 2016 at 16.03t, which was 3% lower than the volume supplied in the same month of 2015, while the average supply in the second quarter of 2016 was 12.3t showing a slight increase of 3% from the average supply of 2015 which was 11.9t. The price of pumpkins was highest in May 2016 worth the value of R2, 665.32/t, which was 24% higher compared to the value of pumpkins in the same month of 2015. Average price of pumpkins in the second quarter of 2016 was R2, 448.39/t indicating a 5% increase from R2, 326/t which the average price for the same time in 2015.

- **Durban**

The supply of pumpkins was highest in June 2016 at 62.28t, which was 6% higher than the volume supplied in the same month of 2015. The average supply of pumpkins in the second quarter of 2016 decreased by 3% from 58t in 2015 to 56t in 2016. Pumpkin prices were the highest in April 2016 at R2, 270.36 /t, which was 21% higher compared to the value of pumpkins in the same month of 2015 while, the average price of pumpkins in the second quarter of 2016 was R2, 100.4/t, this was an increase of 14% from the 2015 average price of R1, 576.98/t.

## 2.8. GEM SQUASHES

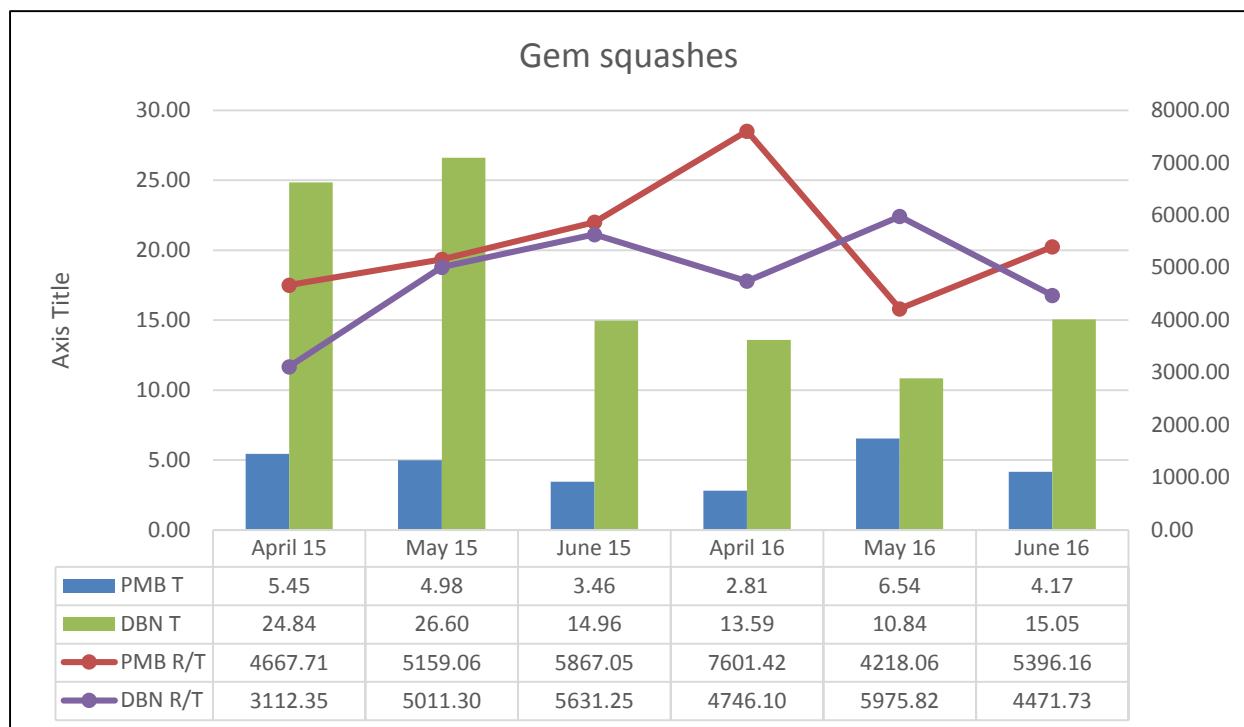


Figure 8: Trends for gem squashes in PMB and DBN FPM (2015 and 2016 Q2)

- **Pietermaritzburg**

In Pietermaritzburg FPM, supply of gem squashes was highest in May 2016 at 6.54t, which was 24% higher than the volume supplied in the same month of 2015, while the average supply was 6% lower than the second quarter of 2015 at 4.5t in 2016 compared to 4.6t average in 2015. The price of germ squashes was highest in April 2016 at R7, 601/t, which was 39% higher compared to the value of germ squashes in the same month of 2015. The average price of germ squashes in the second quarter of 2016 was R5, 738.55/t which shows an increase of about 20% compared to the 2015 second quarter average price of R4, 585/t.

- **Durban**

The supply of germ squashes was highest in June 2016 at 15.05t, which was slightly lower (0.6%) than the volume supplied in the same month of 2015. The average supply of germ squashes in the second quarter of 2016 (13.16t) decreased by 41% compared to the second quarter of 2015 (22.1t). The price of germ squashes was highest in June 2016 was R5, 975.82/t, which was 16% higher compared to the value of germ squashes in the same month of 2015. The average price of germ squashes in the second quarter of 2016 increased by 10% from R4, 585.0/t in 2015 to R5, 064.6/t in 2016.

## 2.9. BUTTERNUT SQUASHES

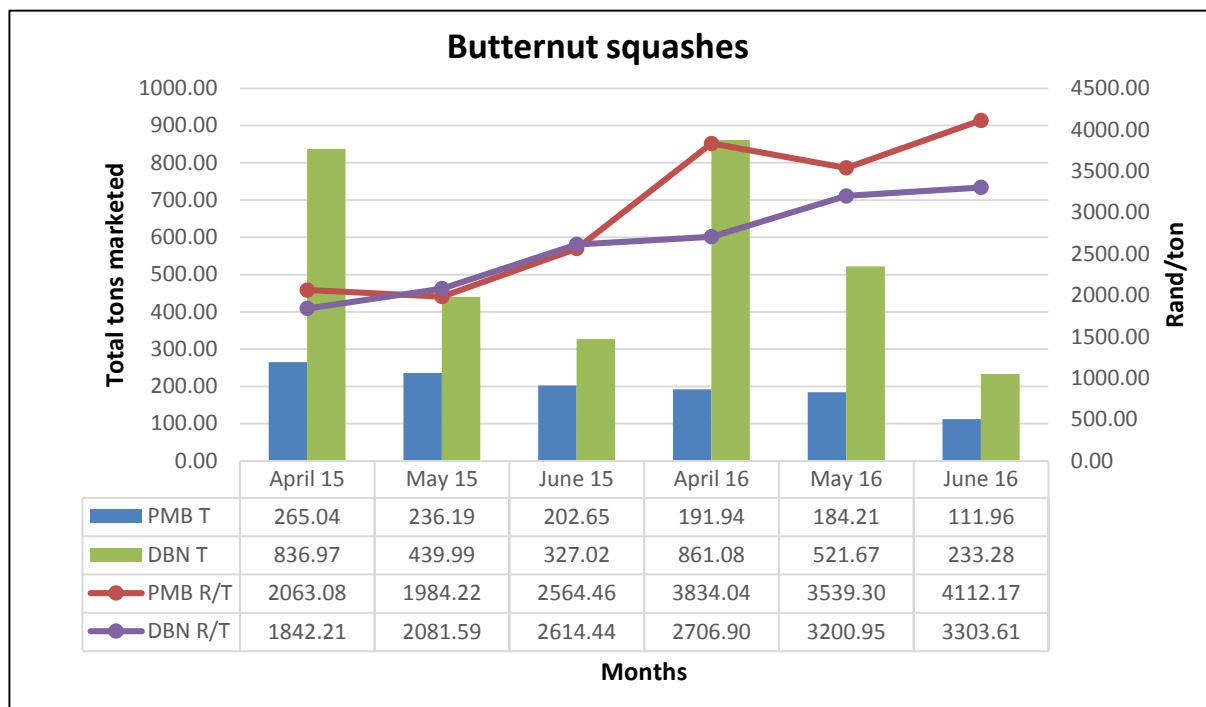


Figure 9: Trends for butternut squashes in DBN and PMB FPM (2015 and 2016 Q2)

### • Pietermaritzburg

The supply of butternut squashes was highest in April 2016 at 191.94t, which was 28% lower than the volume supplied in the same month of 2015. The average supply of butternut squashes in the second quarter of 2016 was 162.70t which is an increase of 31% from 234.62t in the same time of 2015. The price of butternut squashes was highest in June 2016 worth the value of R4, 112.17/t, which was 38% higher compared to the value of butternut squashes in the same month of 2015. The average price of butternut squashes in the second quarter of 2016 was R3, 828.50/t indicating a 42% increase from the same time in 2015 when the average price was R2, 203.92/t.

### • Durban

In Durban FPM, the supply of butter squashes was highest in May 2016 at 861.08 tons, which was 3% higher than the volume supplied in the same month of 2015, while the average supply in the second quarter of 2016 showed a slight increase of 0.7% from 534.7 tons in 2015 to 538.7t in 2016. The price of germ squashes was highest in June 2016 at R3, 303.61/t, which was about 21% higher compared to the value of butternut squashes in the same month of 2015. The average price of butternut squashes in the second quarter of 2016 was R3, 070.49/t, this was an increase of 29% from the average of R2, 179.41/t in 2015.

## 2.10. TOMATOES

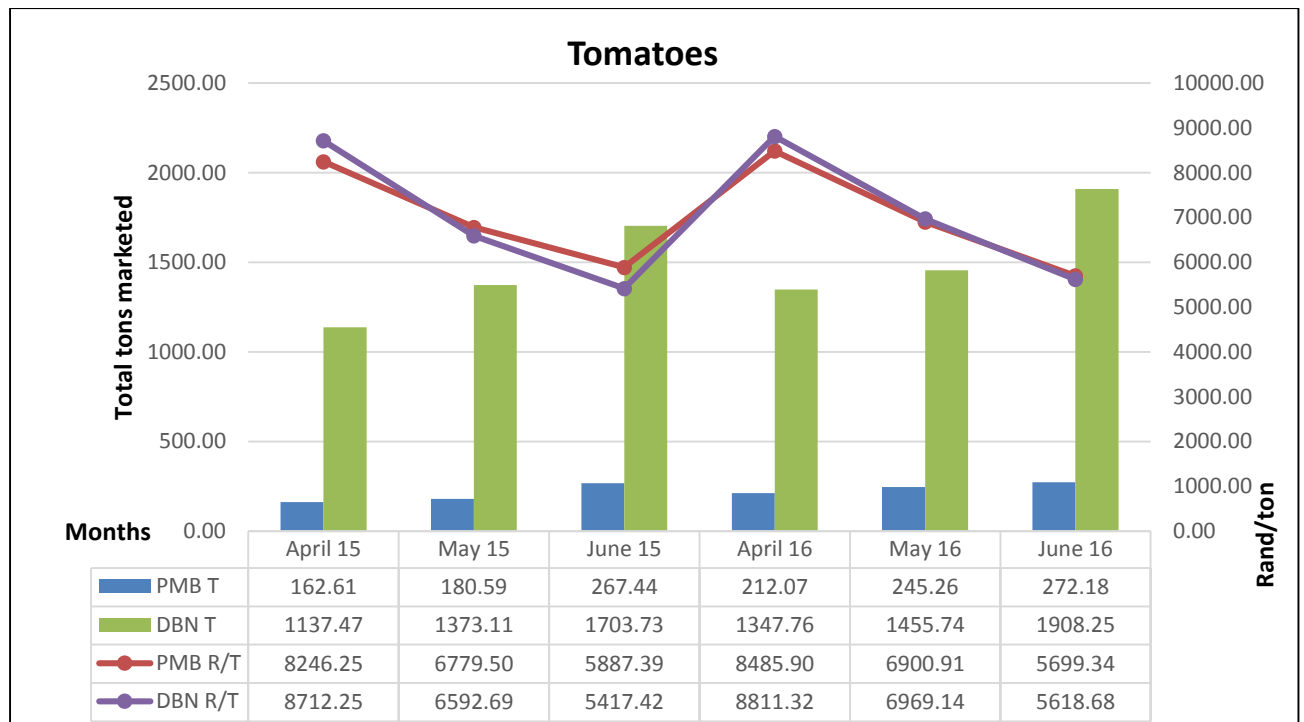


Figure 10: Trends for tomatoes in DBN and PMB FPM (2015 and 2016 Q2)

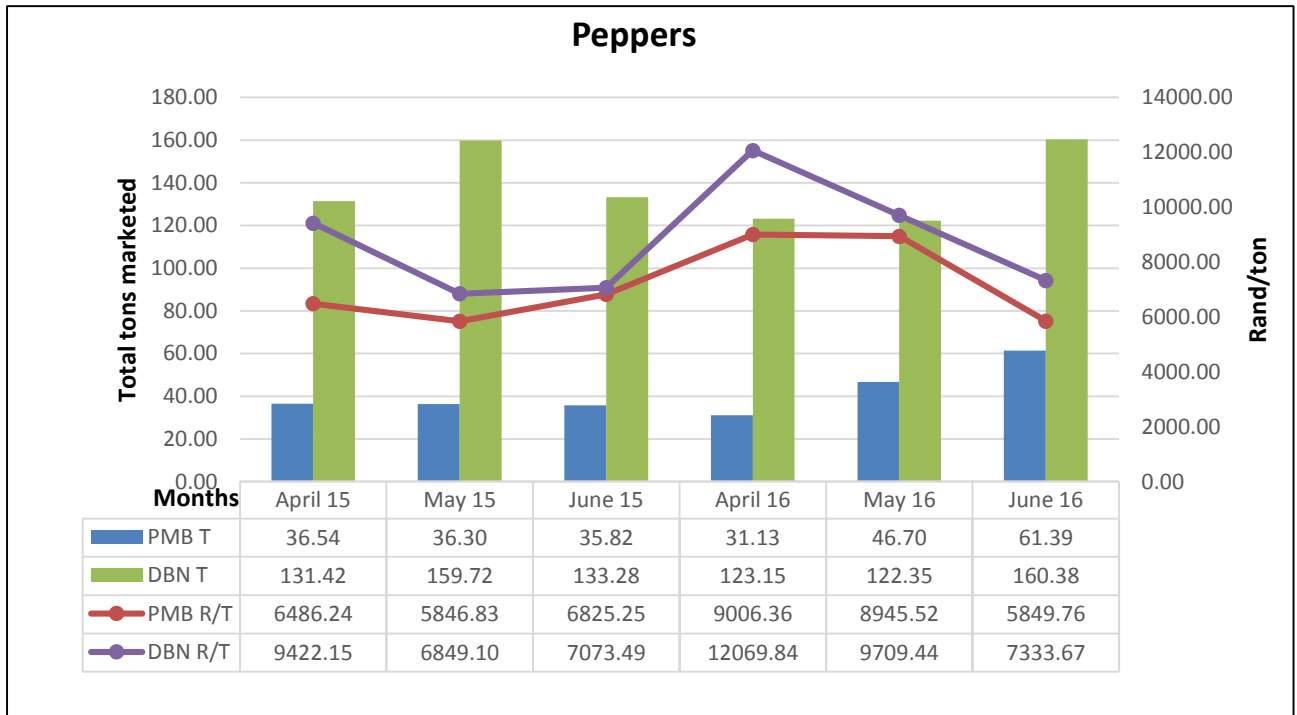
- **Pietermaritzburg**

In Pietermaritzburg FPM, supply of tomatoes was highest In June 2016 at 272.18t, which about 2% higher than the volume supplied in the same month of 2015. The average supply of tomatoes in the second quarter of 2016 was 243.17t, this was an increase of 16% compared to the second quarter of 2015 average which was 203.55t. Tomato prices were the highest in April 2016 worth the value of R8, 485.90/t, which was about 3% higher compared to the value of tomatoes in the same month of 2015. The average price of tomatoes in the second quarter of 2016 (R7028.71/t) showed a slight increase (0.8%) from an average of (R6971.05/t) in the second quarter of 2015.

- **Durban**

In Durban FPM, the supply of tomatoes was highest in June 2016 at 1, 908.25t, which was 10.7% higher than the volume supplied in the same month of 2015. The average supply of tomatoes in the second quarter of 2016 (1,570.58t) increased by 11% compared to the second quarter of 2015 average which was 1, 404.77t. Tomato prices were the highest in April 2016 worth the value of R8, 811.32/t, which was 1% higher compared to the value of tomatoes in the same month of 2015, while the average price of tomatoes in the second quarter of 2016 (R7, 133.041/t) increased by 3% compared to the second quarter average of 2015 at R6, 907.45/t.

## 2.11. PEPPERS



**Figure 11: Trends for Pepper in DBN and PMB FPM (2015 and 2016 Q2)**

- **Pietermaritzburg**

The supply of peppers was highest in June 2016 at 61.39t, which was 41.7% higher than the volume supplied in the same month of 2015 while the average supply of the second quarter of 2016 was 46.41t, an increase by 22% from the average of 36.22t recorded in the same time in 2015. The price of peppers was highest in April 2016 at R9, 006.36/t, which was 28% higher compared to the value of peppers in the same month of 2015. The average price of peppers in the second quarter of 2016 showed an increase of about 20% from R6, 389/t in 2015 to R7, 933.88/t in 2016.

- **Durban**

The supply of peppers was highest in June 2016 at 160.38t, which was 16.9% higher than the volume supplied in the same month of 2015. The average supply of peppers in the second quarter of 2016 (135.29t) compared to the second quarter of 2015 (141.47t) decreased by 4.4%. The price of peppers was highest in April 2016 at R12, 069.84/t, which was 21.9% higher compared to the value of pepper in the same month of 2015. The average price of peppers increased by 20% in the second quarter of 2016 to R9, 704.32/t from R7781.58/t in the second quarter of 2015.

## 2.12. ENGLISH CUCUMBER

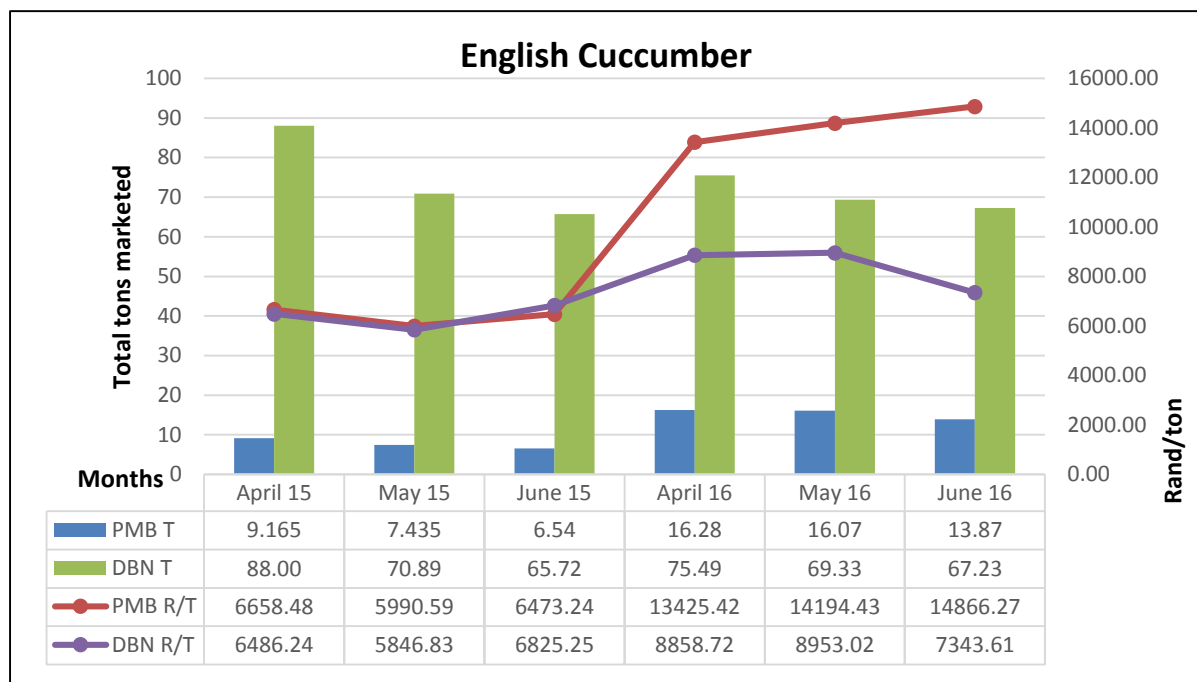


Figure 12 Trends for English cucumber in DBN and PMB FPM (2015 and 2016 Q2)

- **Pietermaritzburg**

The supply of English cucumbers was the highest in April 2016 at 16.28t, which was 43.7% higher than the volume supplied in the same month of 2015. The average supply of English cucumbers in the second quarter of 2016 increased by 50% from 7.71t average in 2015 to 15.14t in the second quarter of 2016. The price of English cucumbers was highest in June 2016 at R14, 866.27/t, which was 55% higher compared to the value of English cucumbers in the same month of 2015. The average price of English cucumbers increased by 55% in the second quarter of 2016 from 6, 374.10/t in 2015 to R14, 162.04/t in 2016.

- **Durban**

The supply of English cucumbers was highest in April 2016 at 75.49t, which was 14% lower than the volume supplied in the same month of 2015 while the average supply of english cucumbers in the second quarter of 2016 decreased by 6% from 74.9 tons in 2015 to 70.7 tons in 2016. The price of English cucumbers was highest in May 2016 worth the value of R8, 953.02/t, which was 35% higher compared to the value of English cucumbers in the same month of 2015. The average price of English cucumbers in the second quarter of 2016 was R8, 385.12/t showing a 24% increase from the 2015 average price of R6, 386.11/t.

**DISCLAIMER:**

This document and its contents have been compiled by the Department of Agriculture and Rural Development, KwaZulu Natal. The views expressed in this document are those of the Department of Agriculture with regard to vegetable market information in the province, unless otherwise stated. Anyone who uses this information does so at own risk. The Department of Agriculture or the author(s) therefore accept no liability for losses incurred resulting from the use of this information.

Agricultural Economics, Marketing and Value Adding Directorate.  
Marketing Sub-Directorate