



Beetroot



English Cucumber



Sweet Potato



Watermelon



Sweet melon



Lettuce .



Cauliflower



Broccoli



Mushroom



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## HORTICULTURE: VEGETABLES PRODUCTION FORECAST

### REPORT NO 3

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**FORECASTED PERIOD:**

**01 JULY 2021 TO 30 NOVEMBER 2021**

**Agronomy and Horticulture Market Development  
Division**

**Horticulture Market Development Subdivision**

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## 1. INTRODUCTION

Report no. 3, covers the local production forecast for the **five (5) special controlled products** i.e., **Beetroot, English Cucumber, Sweet Potato, Watermelon and Sweet melon and Lettuce** as well as 3 monitored crops i.e., **Cauliflower, Broccoli and Mushroom**. The production of the special controlled products is monitored by NAB and involves close border period whenever sufficient local production is expected, and this scheme is implemented in line with the market share promotion scheme. The production forecast covers a period of five (5) months and it is updated on a monthly basis, while field verifications are carried out on a quarterly basis. The special controlled products in this report are divided into the following categories: Inclusion and Exclusions: Inclusion involves all the specific sub- product types of special controlled products and can only be imported through the Special Import Permit during open border periods (see table 1). Exclusion involves sub-product type of special controlled products that does not form part of the special controlled product scheme and can be imported using the mixed fruits and vegetable import permit issued quarterly and valid for 90 days. The objective of the special controlled product scheme is to stimulate local production of horticultural products in Namibia, as a growth at home strategy implemented by the NAB. Whereas, the monitored horticultural crops do not involve close border period during times of sufficient local production/supply, unlike the special controlled products. However, monitored for possible addition to the special controlled product (SCP) scheme in future. Thus, this report discusses the production forecast per production area (table 2), availability of the expected crops per producer (table 3), tabulation (table 4) and graphical (figure 1 to 6) analysis for the expected production versus local demand for this reporting period

**Table 1 below show the inclusions and exclusions of the special controlled products**

<b>Special Controlled Product</b>	<b>INCLUSIONS (Not allowed to be imported, only during open border period).</b>	<b>EXCLUSIONS (Allowed to be imported with no restriction) Imported through Mixed fruit and Vegetable permit.</b>
<b>Beetroot</b>	All types, size groups and container size of fresh, chilled, Whole or Cut red fleshed Beetroot, except the "Exclusions".	Yellow, white and golden fleshed Beetroot. All frozen, dried, cooked and preserved beetroot (Whole or Cut). Including Juice/Jam
<b>English Cucumber</b>	All types, size groups and container size of fresh, chilled, Whole or Cut English Cucumber, except the "Exclusions".	Preserved English Cucumber, other types of cucumbers. All frozen, dried, cooked and preserved English Cucumber (Whole or Cut).
<b>Sweet Potato</b>	All types, size groups and container sizes of fresh, chilled, Whole or Cut Sweet Potato, except the "Exclusions".	Yellow/Cream fleshed Sweet potato (Zambian type), Purple Sweet Potato. All frozen, dried, cooked, and preserved Sweet Potato (Whole or Cut).
<b>Watermelon</b>	All types, size groups and container size of fresh, chilled, Whole or Cut Watermelon, except the "Exclusions".	All Watermelon Juices and Jam.
<b>Sweet melon</b>	All types, size groups and container size of fresh, chilled, Whole or Cut Sweet Melon, except the "Exclusions".	All Sweet melon Juices and Jam.

Source: NAB, 2021

**Whole:** any fresh fruit or vegetable that have not been altered from its original form.

**Cut:** any fresh fruit or vegetable that has been physically altered from its original form, but remains in a fresh state.

**Dried:** any Fresh fruit or vegetable that have been dried or dehydrated, either whole or in pieces/cuts.

**Frozen:** any fresh fruits or vegetables that have had their temperature reduced and maintained to below their freezing point.

**Chilled:** any fresh fruit or vegetable with the temperature reduced to around 0C without the products being frozen.

**Cooked:** Refers to fruit and vegetables that are cooked by steaming or boiling in water, either whole or in pieces/cuts.

**Preserved:** Refers to fresh fruit and vegetables soaked in brine or vinegar, or other liquids, either whole or in pieces/cuts.

## 2. PRODUCTION TONNAGE EXPECTED PER AREA

Tables 1 A below shows the total expected tonnage, yield and hectares of special controlled products to be harvested during the reporting period. Furthermore, table 1B illustrate the production tonnage expected per area for the three monitored crops; Mushroom, Broccoli and Cauliflower.

Table 1A: Monthly expected production per area, per crop for the period 01 Jul 2021 - 30 Nov 2021															
Numbers in the table below represents tonnage expected to harvested for local and export market														Last updated: 19 Jun 2021	
PRODUCTION AREAS	CROPS	1-15 Jul 21		16-31 Jul 21		Aug-21		Sep-21		Oct-21		Nov-21		Total (for the 5 months period)	
		Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Yield	Ha to be harvested
ZAMBEZI	Beetroot	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	English Cucumbers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Sweet Potatoes	41.6	0.0	27.3	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74.07	4.91
	Watermelon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Sweetmelon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Lettuce	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
KAVANGO	Beetroot	0.0	0.0	2.8	0.0	2.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	5.51	0.27
	English Cucumbers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Sweet Potatoes	2.8	0.0	44.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.96	0.29
	Watermelon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Sweetmelon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Lettuce	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.000
NORTH CENTRAL	Beetroot	7.9	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.85	0.75
	English Cucumbers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Sweet Potatoes	80.7	0.0	44.5	0.0	58.9	0.0	25.7	0.0	18.4	0.0	30.6	0.0	258.76	14.16
	Watermelon	0.0	0.0	40.9	0.0	8.1	0.0	95.5	0.0	0.0	0.0	0.0	0.0	144.50	5.70
	Sweetmelon	0.0	0.0	0.0	0.0	0.7	0.0	8.8	0.0	0.0	0.0	0.0	0.0	9.50	0.73
	Lettuce	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00

Table 1A. continues....

KARSTLAND	Beetroot	35.0	0.0	45.0	0.0	95.0	0.0	65.0	0.0	65.0	0.0	65.0	0.0	370.00	13.50
	English Cucumbers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Sweet Potatoes	20.4	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.40	2.02
	Watermelon	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	40.00	1.00
	Sweetmelon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Lettuce	7.4	0.0	10.0	0.0	10.0	0.0	10.0	0.0	10.0	0.0	10.0	0.0	57.40	1.45
CENTRAL	Beetroot	46.4	0.0	12.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	130.40	3.77
	English Cucumbers	91.0	0.0	115.1	0.0	154.5	0.0	137.5	0.0	152.5	0.0	137.5	0.0	788.10	18.69
	Sweet Potatoes	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.00	0.50
	Watermelon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Sweetmelon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Lettuce	55.0	0.0	45.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	450.00	18.00
SOUTH AND ORANGE RIVER	Beetroot	15.0	0.0	49.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.00	1.85
	English Cucumbers	64.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Sweet Potatoes	157.0	0.0	165.0	0.0	132.0	0.0	147.0	0.0	0.0	0.0	0.0	0.0	601.00	10.70
	Watermelon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	1.50
	Sweetmelon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Lettuce	7.0	0.0	7.0	0.0	11.0	0.0	7.0	0.0	7.0	0.0	0.0	0.0	39.00	0.70
Total expected production per crop per month	Beetroot	104.3	0.0	108.8	0.0	101.0	0.0	69.7	0.0	65.0	0.0	65.0	0.0	581.76	20.14
	English Cucumbers	155.0	0.0	115.1	0.0	154.5	0.0	137.5	0.0	152.5	0.0	137.5	0.0	788.10	18.69
	Sweet Potatoes	317.4	0.0	281.3	0.0	216.1	0.0	172.7	0.0	18.4	0.0	30.6	0.0	994.19	32.58
	Watermelon	0.0	0.0	40.9	0.0	8.1	0.0	135.5	0.0	0.0	0.0	0.0	0.0	184.50	8.20
	Sweetmelon	0.0	0.0	0.0	0.0	0.7	0.0	8.8	0.0	0.0	0.0	0.0	0.0	9.50	0.73
	Lettuce	69.4	0.0	62.0	0.0	121.0	0.0	117.0	0.0	117.0	0.0	110.0	0.0	546.40	20.15

Source: NAB 2021

Table 1B: Monthly expected production per area, per crop for the period 01 Jul 2021 - 30 Nov 2021															
Numbers in the table below represents tonnage expected to harvested for local and export market														Last updated: 19 Jun 2021	
PRODUCTION AREAS	CROPS	1-15 Jul 21		16-31 Jul 21		Aug-21		Sep-21		Oct-21		Nov-21		Total (for the 5 months period)	
		Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Yield	Ha to be harvested
KARSTLAND	Cauliflower	1.5	0.0	0.5	0.0	2.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	7.00	0.70
	Broccoli	2.0	0.0	1.0	0.0	2.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	8.00	0.70
	Mushroom	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
CENTRAL	Cauliflower	1.9	0.0	1.9	0.0	4.2	0.0	8.0	0.0	0.0	0.0	0.0	0.0	12.20	1.50
	Broccoli	3.1	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.20	0.50
	Mushroom	4.0	0.0	4.0	0.0	8.0	0.0	8.0	0.0	8.0	0.0	8.0	0.0	32.00	0.00
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
SOUTH AND ORANGE RIVER	Cauliflower	2.6	0.0	10.1	0.0	20.2	0.0	20.2	0.0	20.2	0.0	20.2	0.0	93.50	5.65
	Broccoli	19.3	0.0	19.3	0.0	20.5	0.0	20.5	0.0	20.5	0.0	20.5	0.0	120.50	5.65
	Mushroom	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	3.00
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
Total expected production per crop per month	Cauliflower	6.0	0.0	12.5	0.0	26.4	0.0	29.2	0.0	21.2	0.0	21.2	0.0	112.70	7.87
	Broccoli	24.4	0.0	20.3	0.0	25.6	0.0	21.5	0.0	21.5	0.0	21.5	0.0	134.70	6.85
	Mushroom	4.0	0.0	4.0	0.0	8.0	0.0	8.0	0.0	8.0	0.0	8.0	0.0	32.00	3.00
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00

Source: NAB 2021

### 3. EXPECTEDCTED AVAILABILITY PER PRODUCER

Table 2A below illustrates the availability of the expected six (6) special controlled crops per area, per producer during the reporting period. Whereas, the table 2B shows the availability of the three (3) monitored crops per production zone area per producer.







TABLE: 2A																																	
KEYS : BEETROOT  ENGLISH CUCUMBER  SWEET POTATO  WATERMELON  SWEETMELON  LETTUCE 																																	
PERIOD: 01 Jul 2021 TO 30 Nov 2021																																	
	MARKET			1-15 Jul-21					16-31 Jul-21					Aug-21					Sep-21					Oct-21					Nov-21				
NAME OF PRODUCER	I	n	F	Beetroot	English Cucumber	Sweet Potato	Watermelon	Sweet melon	Lettuce	Beetroot	English Cucumber	Sweet Potato	Watermelon	Sweet melon	Lettuce	Beetroot	English Cucumber	Sweet Potato	Watermelon	Sweet melon	Lettuce	Beetroot	English Cucumber	Sweet Potato	Watermelon	Sweet melon	Lettuce	Beetroot	English Cucumber	Sweet Potato	Watermelon	Sweet melon	Lettuce
	formation	formation	formation																														
ZAMBEZI																																	
1 Bertha Maswahu	√	√																															
2 Bernard Mwananyambe	√	√																															
3 Davud Muluti	√	√																															
4 Tererai Musakwa Ndele	√	√																															
5 Clement Mulyokela	√	√																															
6 Tendai Mbeha	√	√																															
7 Mutelo Rector	√	√																															

Table 2A continues.....
































KAVANGO AREA																																			
1	Mukwangu Jonathana	√	√																																
2	Eunike Andrease	√	√																																
3	Virginia Mukoya	√	√																																
4	Juakina Andrease	√	√																																
5	Filipus Imene	√	√																																
6	Boysen Mutelo	√	√																																
7	Andrew Kashera	√	√																																
8	Theresia Ambrosius	√	√																																
NORTH CENTRAL AREA																																			
1	Paulus Amutenya	√	√																																
2	Erastus Mumbala	√	√																																
3	Shetuuka Shetuuka	√	√																																
4	Elise Awino	√	√																																
5	Emilie Marais	√	√																																
6	Moses Shambwila	√	√																																
7	Michael Shiningavamwe	√	√																																
8	Paulus Kapia	√	√																																
9	Thomas Tangeni	√	√																																
10	Immanuel Nafele	√	√																																
11	Abner Shikongo	√	√																																
12	Abner Negonga	√	√																																
13	Alalick Onesimus	√	√																																
14	Loini Uukongo	√	√																																
15	Freedom Kanyeke	√	√																																
16	Susana Sheehama	√	√																																
17	Sacky Shilyomuntu	√	√																																
18	Eugene Eugene	√	√																																
19	Asser Moses	√	√																																
20	Albertus Viljoen	√	√																																

Table 2A continues....



KARSTLAND AREA																																					
1	Uaraa Maombokere	√	√																																		
2	Alpheus Angula	√	√																																		
3	Jan Cronje	√	√																																		
4	Hannes Arrangies	√	√																																		
5	Loui Smit	√	√																																		
10	Peter T Erasmus	√	√																																		
11	Phelep Pendukeni	√	√																																		
13	Pendafule Hellao	√	√																																		
14	JM van der Merwe	√	√																																		
15	Fanuel Uugwanga	√	√																																		
CENTRAL AREA																																					
1	Stiaan Cloete	√	√																																		
2	Anton Koekmoer	√	√																																		
3	Johaness Meyer	√	√																																		
4	Grunnar Waldschmidt	√	√																																		
5	Georgy Ellis	√	√																																		
6	Jaco van Westhuizen	√	√																																		
7	Jacques Cotzee	√	√																																		
8	Danie Marais	√	√																																		
9	Lonie Hart	√	√																																		
10	Jaco Thomas	√	√																																		
11	Fritz Krosnik	√	√																																		
12	Grow Getters	√	√																																		
13	Dirk Wobling	√	√																																		
14	Katrina Kandji Black	√	√																																		
15	Henk Peters	√	√																																		
16	Alfeus Gariseb	√	√																																		
17	Erenfriede Mbaha	√	√																																		

Source: NAB 2021

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Source: NAB 2021

## 4. EXPECTED PRODUCTION AND DEMAND ANNALYSIS

### 4.1 TABULATION ANALYSIS OF DOMESTIC DEMAND

According to table 3A, sufficient local supply will be expected for Beetroot, English Cucumber, Sweet potatoes and Lettuce, while sweet melon and watermelon production volume shows to be lower than domestic demand during the forecasted period. **Table 3B** revealed that the three monitored crops; Broccoli, Cauliflower and Mushroom will be insufficient to meet local demand.

<b>Table 3A: Analysis of the total expected tonnage for domestic market versus domestic demand.</b>								
Numbers in this table represents tonnage expected to harvested for local and export market <span style="float: right;">Last updated: 19 Jun 2021</span>								
Crops	Expected <b>Surplus</b> or <b>Shortage</b>	1-15 Jul 21	16-31 Jul 21	Aug-21	Sep-21	Oct-21	Nov-21	Total
<b>Beetroot</b>	Expected Tonnage for domestic market	108	109	101	70	65	65	<b>409</b>
	Average Domestic Demand (2018/19)	92	92	92	92	92	92	<b>460</b>
	<b>Surplus / shortage</b> (Tonnage)	<b>16</b>	<b>17</b>	<b>9</b>	<b>-22</b>	<b>-27</b>	<b>-27</b>	<b>-51</b>
<b>English Cucumber</b>	Expected Tonnage for domestic market	155	115	155	138	153	138	<b>737</b>
	Average Domestic Demand (2018/19)	89	89	89	89	89	89	<b>445</b>
	<b>Surplus / shortage</b> (Tonnage)	<b>66</b>	<b>26</b>	<b>66</b>	<b>49</b>	<b>64</b>	<b>49</b>	<b>292</b>
<b>Sweet Potato</b>	Expected Tonnage for domestic market	317	281	216	173	18	31	<b>755</b>
	Average Domestic Demand (2018/19)	196	196	196	196	196	196	<b>980</b>
	<b>Surplus / shortage</b> (Tonnage)	<b>121</b>	<b>85</b>	<b>20</b>	<b>-23</b>	<b>-178</b>	<b>-165</b>	<b>-225</b>
<b>Watermelon</b>	Expected Tonnage for domestic market	0	41	8	136	0	0	<b>144</b>
	Average Domestic Demand (2018/19)	154	154	154	154	154	154	<b>770</b>
	<b>Surplus / shortage</b> (Tonnage)	<b>-154</b>	<b>-113</b>	<b>-146</b>	<b>-19</b>	<b>-154</b>	<b>-154</b>	<b>-626</b>
<b>Sweet melon</b>	Expected Tonnage for domestic market	0	0	1	9	0	0	<b>10</b>
	Average Domestic Demand (2018/19)	78	78	78	78	78	78	<b>390</b>
	<b>Surplus / shortage</b> (Tonnage)	<b>-78</b>	<b>-78</b>	<b>-77</b>	<b>-69</b>	<b>-78</b>	<b>-78</b>	<b>-381</b>
<b>Lettuce</b>	Expected Tonnage for domestic market	69	62	121	117	117	110	<b>534</b>
	Average Domestic Demand (2018/19)	39	39	39	39	39	39	<b>195</b>
	<b>Surplus / shortage</b> (Tonnage)	<b>30</b>	<b>23</b>	<b>82</b>	<b>78</b>	<b>78</b>	<b>71</b>	<b>339</b>

Source: NAB 2021

Table 3B: Analysis of the total expected tonnage for domestic market versus domestic demand.								
Numbers in this table represents tonnage expected to harvested for local and export market								
Last updated: 19 Jun 2021								
Crops	Expected Surplus or Shortage	1-15 Jul 21	16-31 Jul 21	Aug-21	Sep-21	Oct-21	Nov-21	Total
Cauliflower	Expected Tonnage for domestic market	6	13	26	29	21	21	104
	Average Domestic Demand (2018/19)	45	45	45	45	45	45	225
	Surplus / shortage (Tonnage)	-39	-33	-19	-16	-24	-24	-121
Broccoli	Expected Tonnage for domestic market	24	20	26	22	22	22	114
	Average Domestic Demand (2018/19)	36	36	36	36	36	36	180
	Surplus / shortage (Tonnage)	-12	-16	-10	-15	-15	-15	-66
Mushroom	Expected Tonnage for domestic market	4	4	8	8	8	8	36
	Average Domestic Demand (2018/19)	77	77	77	77	77	77	385
	Surplus / shortage (Tonnage)	-73	-73	-69	-69	-69	-69	-349

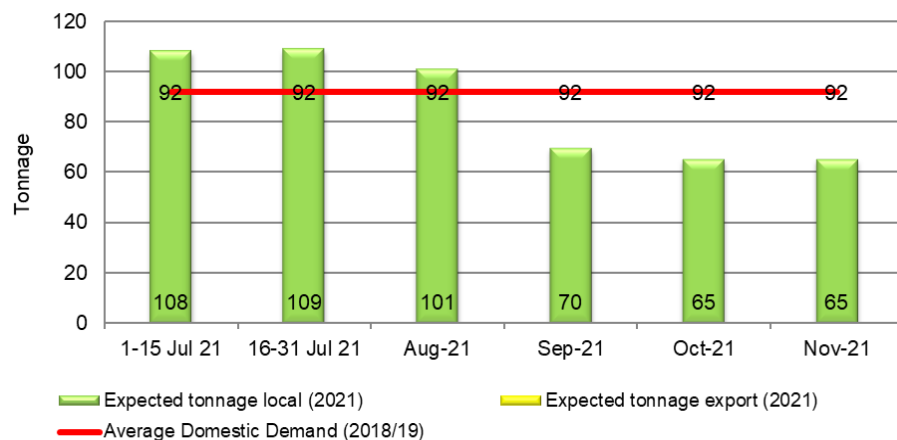
Source: NAB 2021

## 5 GRAPHICAL ANALYSIS

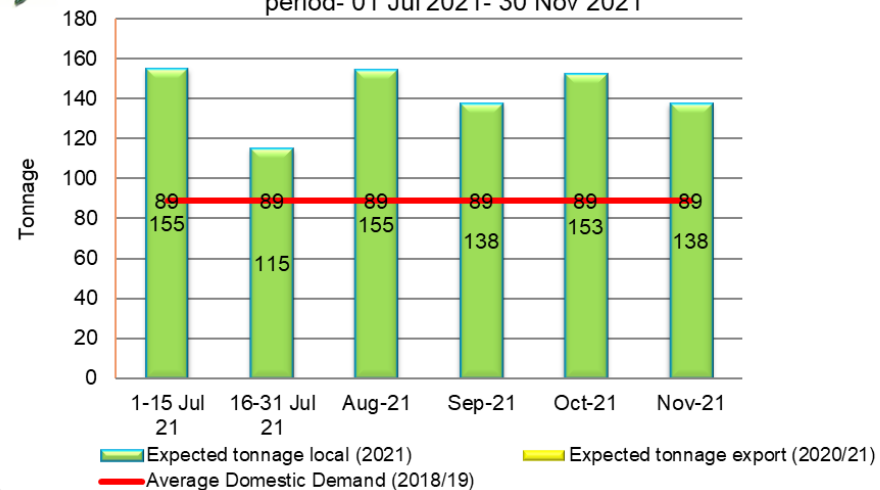
Figure 3,4 and 5 similarly shows that there will be sufficient local supply for Beetroots, English Cucumber and Sweet potatoes for the forecasted period as illustrated in the figures below.



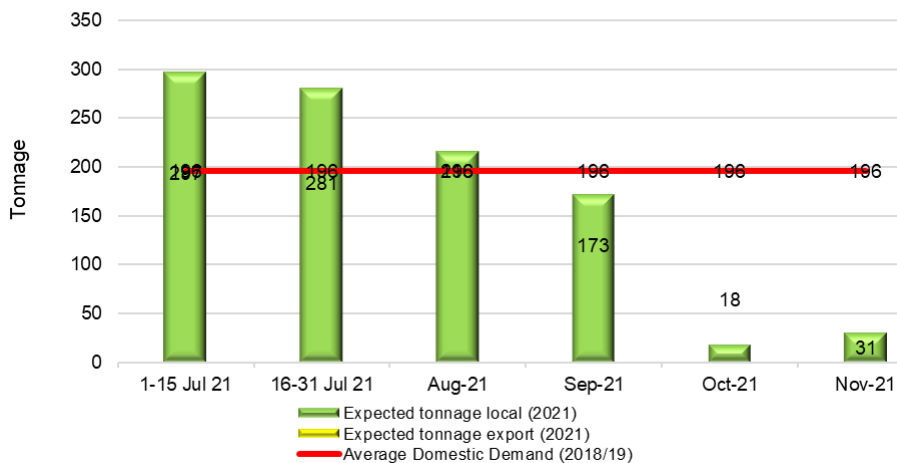
**Figure 3: BEETROOT** production forecast for the period  
01 Jul 2021 - 30 Nov 2021



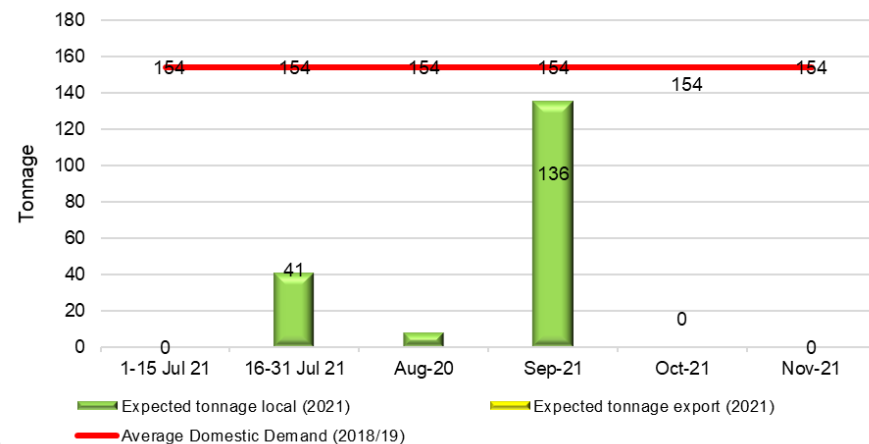
**Figure 4: ENGLISH CUCUMBER** production forecast for the period- 01 Jul 2021- 30 Nov 2021



**Figure 5: SWEET POTATO** production forecast for the period  
01 Jul 2021 - 30 Nov 2021

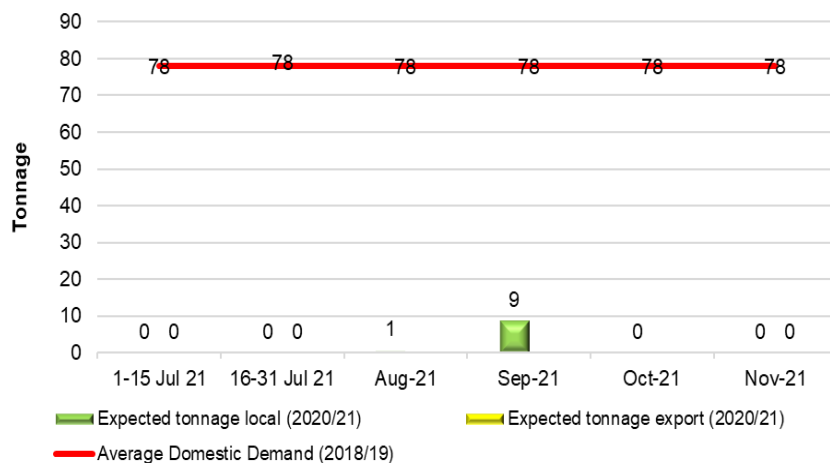


**Figure 6: WATERMELON** production forecast for the period  
01 Jul 2021 - 30 Nov 2021

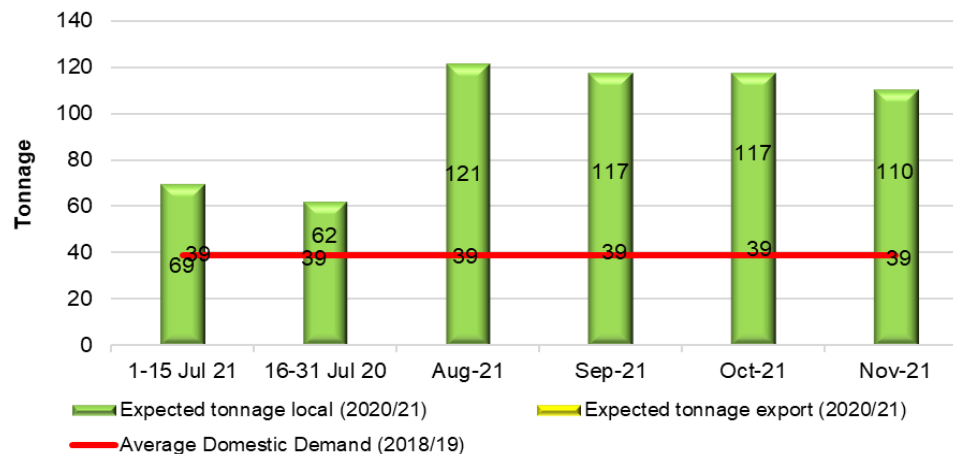




**Figure 7: SWEET MELON** production forecast for the period  
01 Jul 2021- 30 Nov 2021



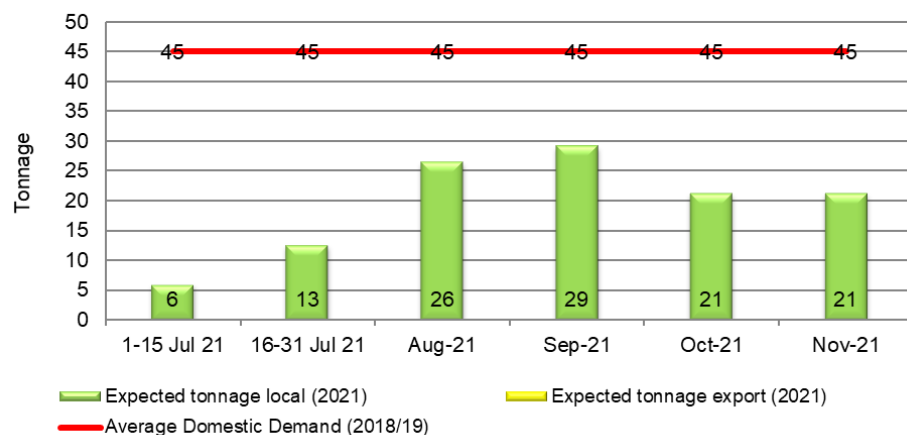
**Figure 8: LETTUCE** production forecast for the period  
01 Jul 2021 - 30 Nov 2021



*Graphical analysis continues....*



**Figure 9: CAULIFLOWER** production forecast for the period  
01 Jul 2021 - 30 Nov 2021



**Figure 10: BROCOLLI** production forecast for the period  
01 Jul 2021- 30 Nov 2021

