



Beetroot



English Cucumber



Sweet Potato



Watermelon



Sweet melon



Lettuce .



Cauliflower



Broccoli



Mushroom



HORTICULTURE: VEGETABLES PRODUCTION FORECAST

REPORT NO 3

FORECASTED PERIOD:

01 AUG 2021 TO 31 DECEMBER 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 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 to stimulate local production of horticultural products in Namibia, as a growth at home strategy implemented by the NAB. Monitored crops are those horticultural crops whose production is closely monitored, and have the greatest potential to be converted as special controlled products in the future. Hence, they are not part of the special controlled scheme yet and during the close border period they are imported as part of mixed fruit and vegetables import permit valid for 90 days. Thus, this report discusses the production forecast per production area (table 2), availability of the expected crops per producer (table 2A), tabulation (table 3A) and graphical (figure 1 to 11) 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

Special Controlled Product	INCLUSIONS (Not allowed to be imported, only during open border period)	EXCLUSIONS (Allowed to be imported with no restriction)
Beetroot	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
English Cucumber	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).
Sweet Potato	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).
Watermelon	All types, size groups and container size of fresh, chilled, Whole or Cut Watermelon, except the "Exclusions".	All Watermelon Juices and Jam.
Sweet melon	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 and 1 B below shows the total expected tonnage, yield and hectares of crops to be harvested during the forecasted period.

Table 1A: Monthly expected production per area, per crop for the period 01 Aug 2021 - 31 Dec 2021															
Numbers in the table below represents tonnage expected to harvested for local and export market														Last updated: 19 Jul 2021	
PRODUCTION AREAS	CROPS	1-15 Aug 21		16-30 Aug 21		Sep-21		Oct-21		Nov-21		Dec-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	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.62	0.23
	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	28.2	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	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.180
NORTH CENTRAL	Beetroot	7.3	0.0	0.0	0.0	5.5	0.0	4.2	0.0	0.0	0.0	0.0	0.0	16.90	1.17
	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	109.9	0.0	28.2	0.0	38.0	0.0	25.2	0.0	0.6	0.0	0.0	0.0	201.91	11.16
	Watermelon	55.0	0.0	0.0	0.0	129.1	0.0	16.5	0.0	0.0	0.0	0.0	0.0	200.60	7.62
	Sweetmelon	0.7	0.0	0.0	0.0	27.1	0.0	1.3	0.0	0.0	0.0	0.0	0.0	29.10	2.20
	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	95.0	0.0	90.0	0.0	130.6	0.0	126.0	0.0	126.0	0.0	126.0	0.0	693.60	17.63
	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	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.00	0.50
	Watermelon	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	5.00	0.25
	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	5.0	0.0	5.0	0.0	10.0	0.0	10.0	0.0	10.0	0.0	10.0	0.0	50.00	0.00
CENTRAL	Beetroot	38.4	0.0	12.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	82.40	2.57
	English Cucumbers	24.0	0.0	25.6	0.0	72.5	0.0	84.5	0.0	84.5	0.0	79.5	0.0	350.20	6.99
	Sweet Potatoes	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
	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	5.0	0.0	5.0	0.0	5.0	0.0	5.0	0.0	5.0	0.0	5.0	0.0	30.00	0.50
	Lettuce	52.5	0.0	42.5	0.0	95.0	0.0	95.0	0.0	95.0	0.0	95.0	0.0	425.00	17.20
SOUTH AND ORANGE RIVER	Beetroot	64.0	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	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	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	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	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	204.7	0.0	155.6	0.0	136.1	0.0	134.2	0.0	126.0	0.0	126.0	0.0	861.52	23.45
	English Cucumbers	24.0	0.0	25.6	0.0	72.5	0.0	84.5	0.0	84.5	0.0	79.5	0.0	350.20	6.99
	Sweet Potatoes	321.2	0.0	248.7	0.0	175.2	0.0	172.2	0.0	0.6	0.0	0.0	0.0	891.94	27.56
	Watermelon	55.0	0.0	0.0	0.0	129.1	0.0	21.5	0.0	0.0	0.0	0.0	0.0	205.60	7.87
	Sweetmelon	5.7	0.0	5.0	0.0	32.1	0.0	6.3	0.0	5.0	0.0	5.0	0.0	59.10	2.70
	Lettuce	67.1	0.0	54.5	0.0	116.0	0.0	112.0	0.0	112.0	0.0	105.0	0.0	514.00	18.08

Source: NAB 2021

Table 1B: Monthly expected production per area, per crop for the period 01 Aug 2021 - 31 Dec 2021															
Numbers in the table below represents tonnage expected to harvested for local and export market														Last updated: 19 Jul 2021	
PRODUCTION AREAS	CROPS	1-15 Aug 21		16-31 Aug 21		Sep-21		Oct-21		Nov-21		Dec-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, shows the expected month of availability for the 6 special controlled crops, while table 2B shows the availability of Cauliflower, Broccoli and Mushroom as monitored crops, from each production zone.







TABLE: 2A																																							
KEYS : BEETROOT  ENGLISH CUCUMBER  SWEET POTATO  WATERMELON  SWEETMELON  LETTUCE 																																							
PERIOD: 01 Aug 2021 TO 31 Dec 2021																																							
	MARKET			1-15 Aug-21					16-31 Aug-21					Sep-21					Oct-21					Nov-21					Dec-21										
NAME OF PRODUCER	I	n	f	o	r	m	a	r	E	x	p	o	r	t	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	
ZAMBEZI																																							
1	Bertha Maswahu	√	√																																				
2	Bernard Mwananyambe	√	√																																				
3	Davud Muluti	√	√																																				
4	Tererai Musakwa Ndele	√	√																																				
5	Clement Mulyokela	√	√																																				
6	Tendai Mbeha	√	√																																				
7	Mutelo Rector	√	√																																				
KAVANGO AREA																																							
1	Andrew Kashera	√	√																																				
2	Eunike Andrease	√	√																																				
3	August Proto	√	√																																				
4	Juakina Andrease	√	√																																				

Table 2A continues.....













































NORTH CENTRAL AREA																																					
1	Ismael Kapuka	✓	✓																																		
2	Paulus Amutenya	✓	✓																																		
3	Erastus Mumbala	✓	✓																																		
4	Shetuuka Shetuuka	✓	✓																																		
5	Moses Shambwila	✓	✓																																		
6	Paulus Kapia	✓	✓																																		
7	Thomas Negonga Tangeni	✓	✓																																		
8	Alalick Onesimus	✓	✓																																		
9	Sacky Shilyamuntu	✓	✓																																		
10	Yaha Nakaande	✓	✓																																		
11	Jahan Steyn	✓	✓																																		
12	Albertus Vilijoen	✓	✓																																		
13	Petrus Matheus	✓	✓																																		
14	Emilia Naunyango	✓	✓																																		
15	Junias Mwafekelange	✓	✓																																		
16	Veikko Imalwa	✓	✓																																		
17	Paulus Titus	✓	✓																																		
18	Protasius Moongela	✓	✓																																		
19	Paulus Kapuka	✓	✓																																		
20	Erick Shikongo	✓	✓																																		
21	Shapaka Katangala	✓	✓																																		
22	Patricius Ndidalelwa	✓	✓																																		
23	Tarcisius Shingundu	✓	✓																																		
24	Petrus Shilunga	✓	✓																																		
25	Epafras Nghilengwa	✓	✓																																		
26	Elifas Nuuyoma	✓	✓																																		




























































Table 2A continues....

[illegible][illegible]

Table 2A continues.....

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	Janean Botes	√	√																																				
13	Dirk Wobling	√	√																																				
14	Katrina Kandji Black	√	√																																				
15	Henk Peters	√	√																																				
16		√	√																																				
17		√	√																																				
SOUTH AND ORANGE RIVER AREAS																																							
1	Hermany van Dyk	√	√																																				
2	Hentie van Dyk	√	√																																				
3	Chris Husamaine	√	√																																				
4	Charl van Rensburg	√	√																																				
5	Johan Roux	√	√																																				
6	Theresia Kisting	√	√																																				
7	Pieter de Lange	√	√																																				
8	Louis Louw	√	√																																				
9	Rudie Kotze	√	√																																				
10	Jones Nghishimwe	√	√																																				
Kindly note: Producers not listed herein, it is either they will not be harvesting any of the produce covered by report three or they did not provide the required data to NAB.																																							

Source: NAB 2021

TABLE: 2B																																					
KEYS : CAULIFLOWER  BROCOLLI  MUSHROOM 																																					
PERIOD: 01 Aug 2021 TO 31 Dec 2021																																					
NAME OF PRODUCER	MARKET			1-15 Aug-21					16-30 Aug-21					Sep-21					Oct-21					Nov-21					Dec-21								
	I	F	E	Cauliflower	Broccoli	Mushroom				Cauliflower	Broccoli	Mushroom				Cauliflower	Broccoli	Mushroom				Cauliflower	Broccoli	Mushroom				Cauliflower	Broccoli	Mushroom							
CENTRAL AREA																																					
1 Jan Conradie	√	√																																			
2 Johanness Meyer	√	√																																			
3 Johannes Michiel van Helsdingen	√	√																																			
4 Dina Strauss	√	√																																			
SOUTH AND ORANGE RIVER AREAS																																					
1 Johan Roux	√	√																																			
2 Charl van Rensburg	√	√																																			
3 Jimmy O Kennedy	√	√																																			
4 G.F van Rensburg	√	√																																			

Source: NAB 2021

4. EXPECTED PRODUCTION AND DEMAND ANNALYSIS

4.1 TABULATION ANALYSIS OF DOMESTIC DEMAND

According to table 3A, Beetroots, Sweet potatoes and Lettuce production volume will be sufficient to satisfy the local demand during the special permit period of 01 - 31 August 2021. While table 3B below shows low production volume of Broccoli, Cauliflower and Mushroom throughout the forecasted period.

Table 3A: 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 Jul 2021								
Crops	Expected Surplus or Shortage	1-15 Aug 21	16-31 Aug 21	Oct-21	Oct-21	Nov-21	Dec-21	Total
Beetroot	Expected Tonnage for domestic market	205	156	136	134	126	126	727
	Average Domestic Demand (2018/19)	92	92	92	92	92	92	460
	Surplus / shortage (Tonnage)	113	64	44	42	34	34	267
English Cucumber	Expected Tonnage for domestic market	24	26	73	85	85	80	345
	Average Domestic Demand (2018/19)	89	89	89	89	89	89	445
	Surplus / shortage (Tonnage)	-65	-63	-17	-5	-5	-10	-100
Sweet Potato	Expected Tonnage for domestic market	321	249	175	172	1	0	669
	Average Domestic Demand (2018/19)	196	196	196	196	196	196	980
	Surplus / shortage (Tonnage)	125	53	-21	-24	-195	-196	-311
Watermelon	Expected Tonnage for domestic market	55	0	129	22	0	0	206
	Average Domestic Demand (2018/19)	154	154	154	154	154	154	770
	Surplus / shortage (Tonnage)	-99	-154	-25	-133	-154	-154	-564
Sweet melon	Expected Tonnage for domestic market	6	5	32	6	5	5	54
	Average Domestic Demand (2018/19)	78	78	78	78	78	78	390
	Surplus / shortage (Tonnage)	-72	-73	-46	-72	-73	-73	-336
Lettuce	Expected Tonnage for domestic market	67	55	116	112	112	105	512
	Average Domestic Demand (2018/19)	39	39	39	39	39	39	195
	Surplus / shortage (Tonnage)	28	16	77	73	73	66	317

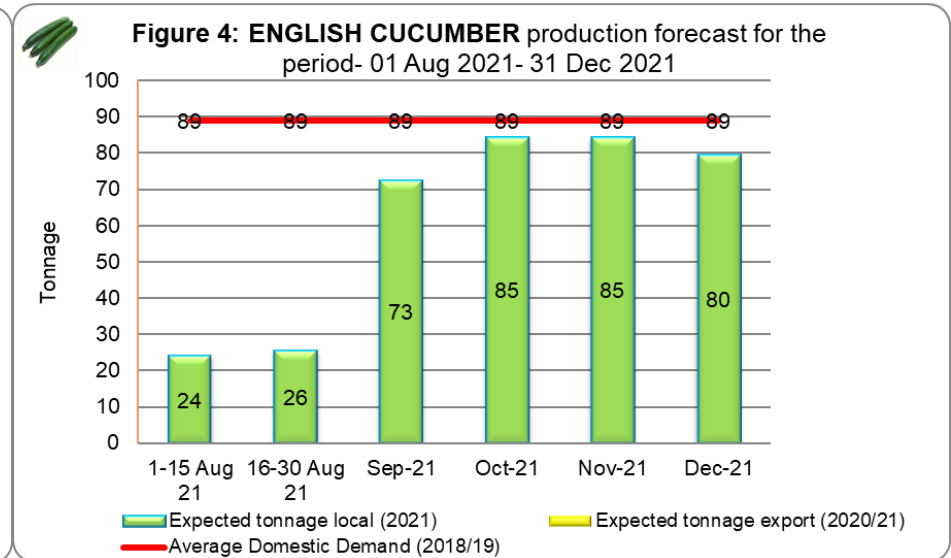
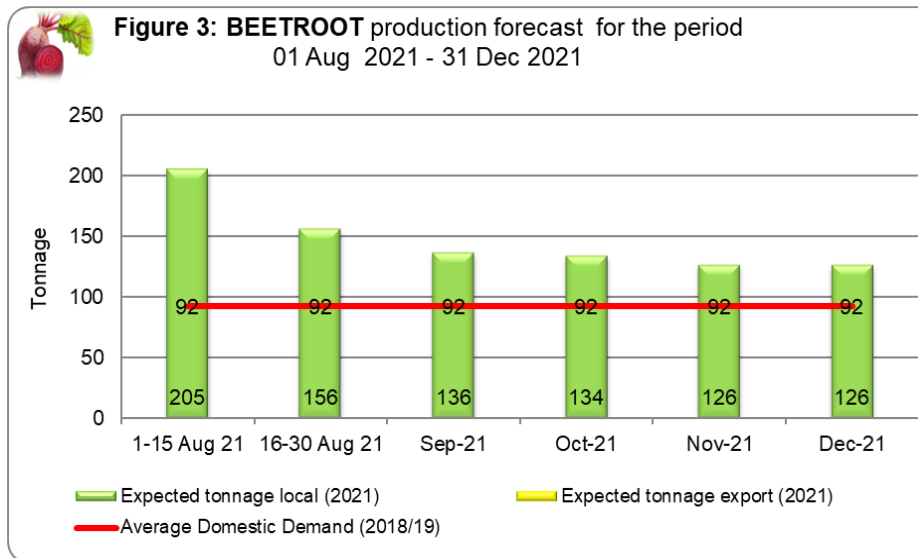
Source: NAB 2021

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 Jul 2021								
Crops	Expected Surplus or Shortage	1-15 Aug 21	16-31 Aug 21	Sep-21	Oct-21	Nov-21	Dec-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

Similarly, to table 3 A, Figure 3, 5 and 8 shows that there will be sufficient local supply for Beetroots, Sweet potatoes and lettuce for the forecasted period as illustrated in the figures below. Whereas, English cucumber, watermelon and sweet melon will be insufficient to supply the local demand.



Graphical analysis continues.....



Figure 5: SWEET POTATO production forecast for the period
01 Aug 2021 - 31 Dec 2021

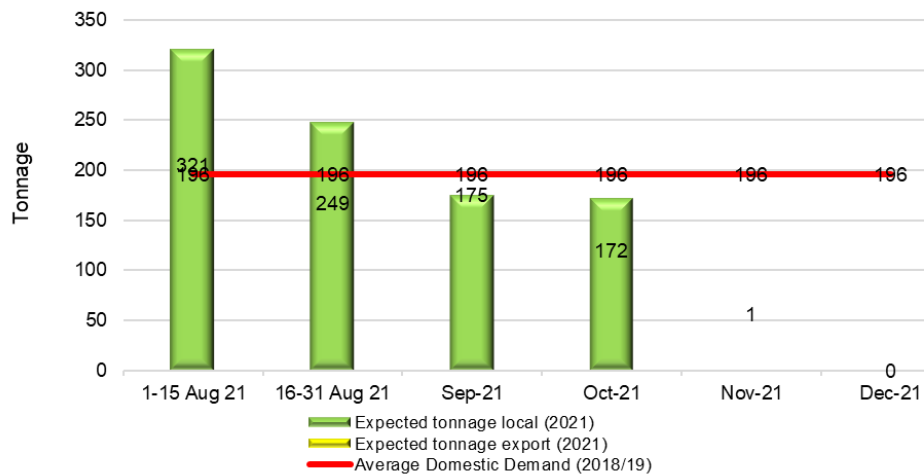


Figure 6: WATERMELON production forecast for the period
01 Aug 2021 - 31 Dec 2021

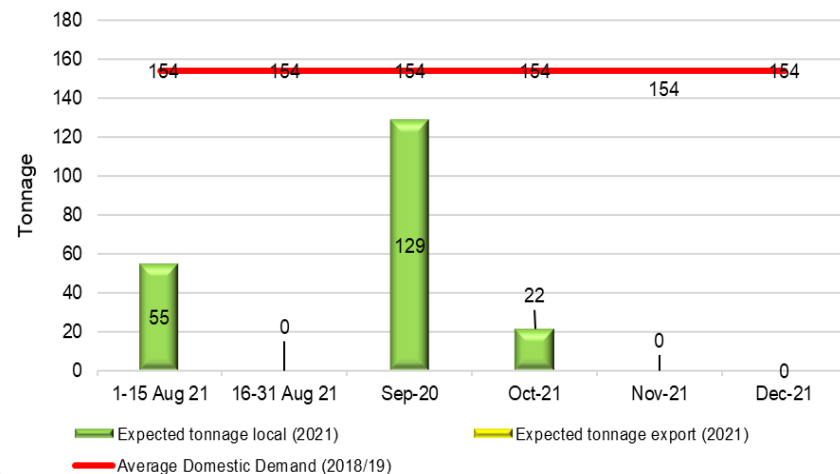


Figure 7: SWEET MELON production forecast for the period
01 Aug 2021- 31 Dec 2021

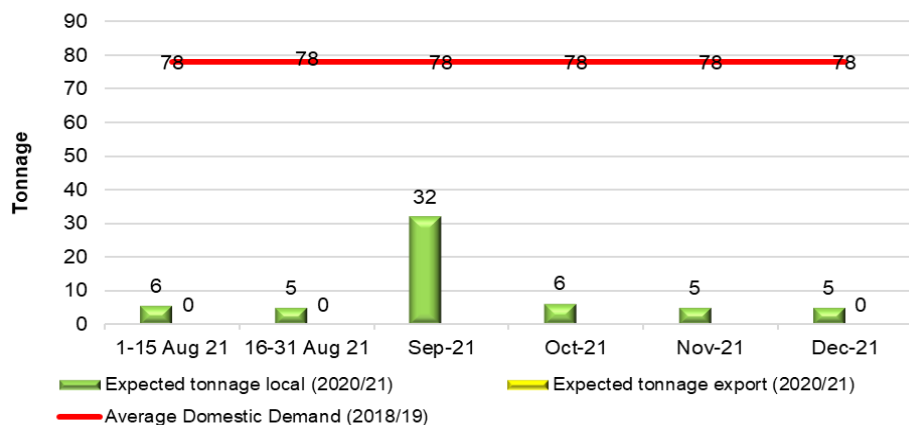
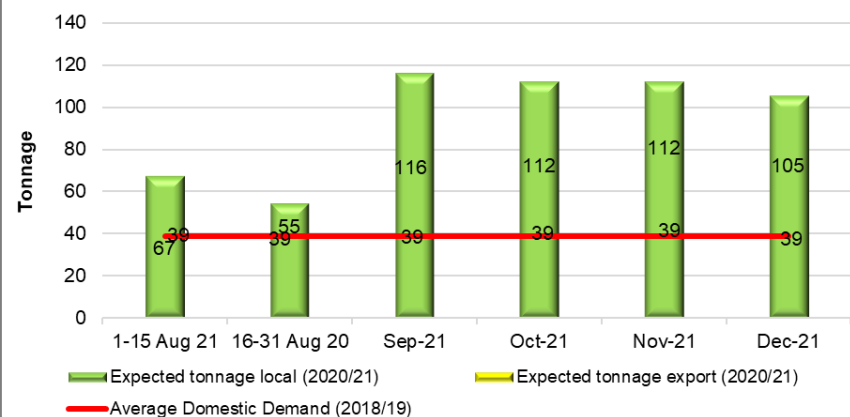


Figure 8: LETTUCE production forecast for the period
01 Aug 2021 - 31 Dec 2021



Graphical analysis continues....



Figure 9: CAULIFLOWER production forecast for the period
01 Aug 2021 - 31 Dec 2021

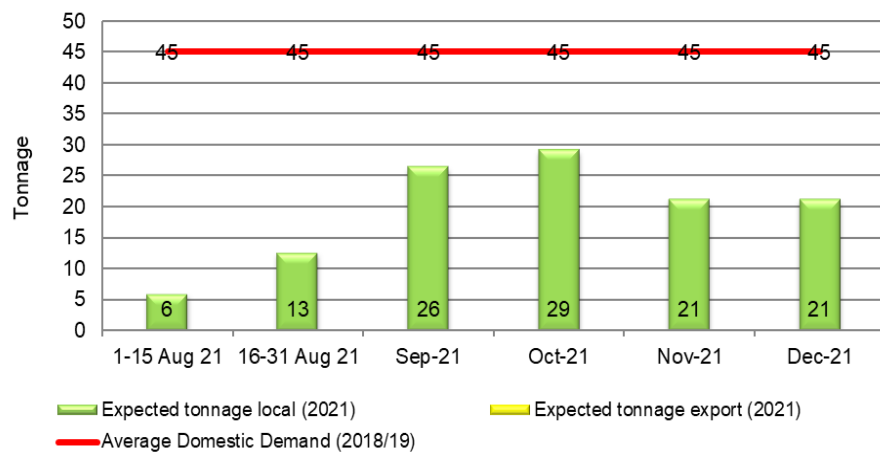


Figure 10: BROCOLLI production forecast for the period
01 Aug 2021- 31 Dec 2021

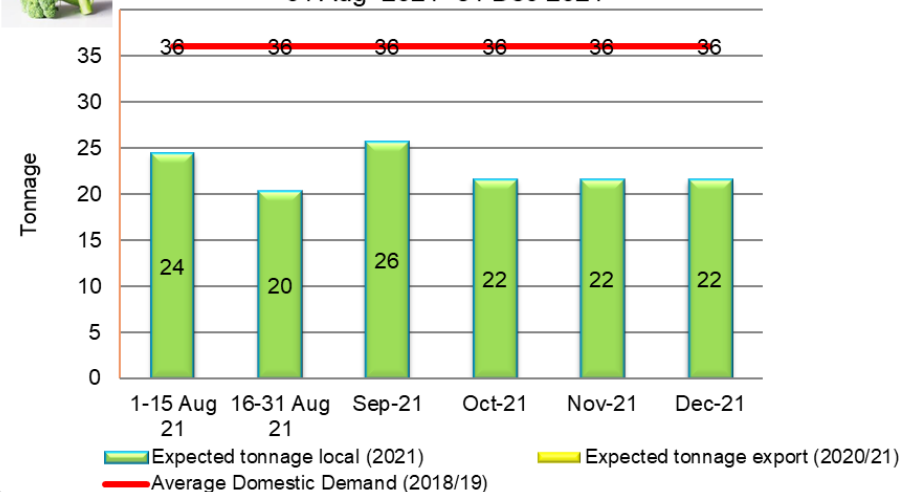
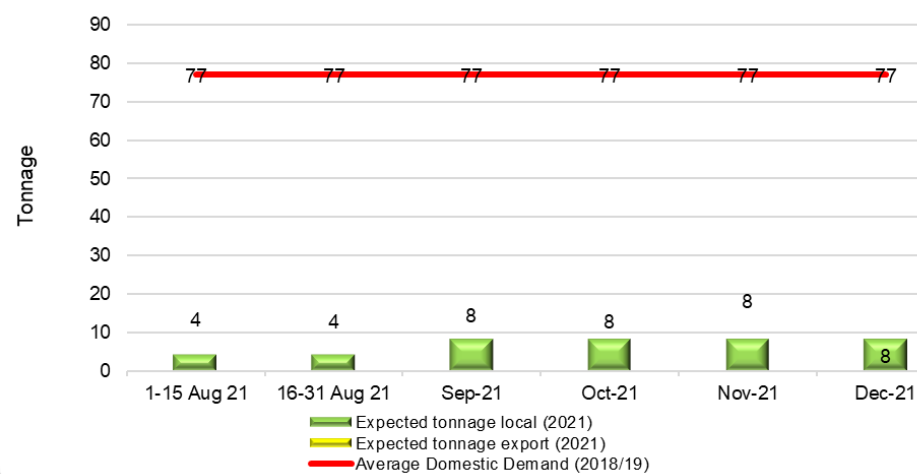


Figure 11: MUSHROOM production forecast for the period
01 Aug 2021 - 31 Dec 2021



Source: NAB 2021

6. CONCLUSION and RECOMENDATIONS

The report concludes that there will be sufficient local supply of Sweet Potatoes (all sizes) and Beetroots (all the size) **(refer to table 3 and figure 4 and 5)**. Therefore, import restriction will be implemented for Sweet Potatoes and Beetroots for the special import permit period 1-30 Aug 2021. Lettuce and English cucumber will be opened on pro-rata basis. Further import restriction will be implemented during the reporting period; however, this will be based on updated production data from the producers. Therefore, producers are encouraged to immediately notify NAB in case of deviations from their cropping program or in the event of crop failure due to factors beyond their control. On the other hand, traders are encouraged to contact the local producers **(refer to Table 2A)** to arrange for their local purchases.

Furthermore, Broccoli, Cauliflower and Mushroom are currently part of monitored crops. In order for these crops to be added as a special controlled crop in future, producers are encouraged to take advantage of this opportunity and increase local production volume to meet the domestic demand.

[illegible]