



Butternuts



Cabbage



Gem Squash



Onions



Potatoes



Pumpkins



Garlic



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## HORTICULTURE: VEGETABLE PRODUCTION FORECAST

### REPORT NO. 1

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**FORECASTED PERIOD:**

**01 SEPTEMBER 2022 TO 31 JANUARY 2023**

**Agronomy and Horticulture Market Development Division**

**Horticulture Market Development Subdivision**

Enquiries: Paulina Mubiana

Cell: +264813003320

Email: [Paulina.Mubiana@nab.com.na](mailto:Paulina.Mubiana@nab.com.na)

# 1. INTRODUCTION

**Report no. 1**, covers the local production forecast for **the six (6) special controlled crops** i.e. **Butternuts, Cabbage, Gem Squash, Onions, Potatoes and Pumpkins**. This report also cover **garlic** as a **monitored crop**. The production of the special controlled products is monitored by NAB and involves close border period whenever sufficient local production is expected, and it 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. 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. 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:** Show the inclusions and exclusions of the special controlled products.

Special Controlled Product	INCLUSIONS (Not allowed to be imported, only during open border period). Only imported through the special import permit during open border period.	EXCLUSIONS (Allowed to be imported with no restriction). Imported through mixed fruits and vegetable import permit.
1. Butternuts	All types, size groups and container sizes of fresh, chilled, Whole or Cut Butternut, except the "Exclusions".	Zebra Butternut and Baby Butternut. All frozen, dried, cooked and preserved Butternuts (Whole or Cut).
2. Cabbage	All types, size groups and container sizes of fresh, chilled, Whole or Cut Green Cabbage, except the "Exclusions".	Chinese Cabbage, Baby Green Cabbage, Baby Red Cabbage, Mixed Baby Red & Green Cabbage, Large red cabbage, Savoy Cabbage. All frozen, dried, cooked and preserved Cabbage (Whole or Cut).
3. Gem Squash	All types, size groups and container size of fresh, chilled, Whole or Cut Gem Squash, except the "Exclusions".	Hubbard Squash. All frozen, dried, cooked and preserved Gem Squash (Whole or Cut).
4. Onions	All types, size groups and container sizes of fresh, chilled, Whole or Cut Onion, except the "Exclusions".	White Salad Onions, Red Onions and Spring Onions. All frozen, dried, cooked and preserved Onions (Whole or Cut).
5. Potatoes	All types, size groups and container sizes of fresh, chilled, Whole or Cut Potato Irish, except the "Exclusions".	Washed white "loose sell" and / or "pre-pack" types of potato; Washed baby potato. Red fleshed potatoes. All frozen, dried, cooked and preserved Irish Potato (Whole or Cut).
6. Pumpkins	All types, size groups and container size of fresh, chilled, whole or cut pumpkins, except the "Exclusions".	All frozen, dried, cooked and preserved pumpkin. All decorative types of pumpkin.

Source: NAB, 2022

**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 0°C 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 FORECAST PER AREA

Tables 2 below shows the total expected tonnage, yield and hectares of crops to be harvested during this reporting period.

Table 2: FIVE MONTHS EXPECTED PRODUCTION PER CROP, PER AREA FOR THE PERIOD: 01 September 2022 to 31 January 2023														
Numbers in the table below represents tonnage													Last updated: 19 August 2022	
PRODUCTION AREAS	Special controlled and monitored crops	Sep-22			Oct-22		Nov-22		Dec-22		Jan-23		Total (for the 5 months period)	
		01-15 Sep 22 Local	16-30 Sep 22 Local	01-30 Sep 22 Export	Local	Export	Local	Export	Local	Export	Local	Export	Yield	Ha to be harvested
ZAMBEZI REGION	Butternuts	0.85	0.85	0.00	1.70	0.00	2.98	0.00	2.98	0.00	0.00	0.00	9.35	0.55
	Cabbage	9.88	12.45	0.00	48.87	0.00	50.17	0.00	6.80	0.00	0.00	0.00	128.16	4.33
	Gem squash	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Onions	1.19	1.62	0.00	11.02	0.00	18.83	0.00	1.62	0.00	0.95	0.00	35.23	1.58
	Pumpkins	13.18	0.00	0.00	6.80	0.00	10.20	0.00	11.05	0.00	0.00	0.00	41.23	16.16
KAVANGO REGIONS	Butternuts	0.00	0.00	0.00	8.03	0.00	5.97	0.00	0.64	0.00	0.00	0.00	14.64	1.15
	Cabbage	41.14	54.49	0.00	30.96	0.00	23.80	0.00	11.05	0.00	0.00	0.00	161.44	6.32
	Gem squash	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Onions	19.47	52.47	0.00	82.60	0.00	132.43	0.00	1.34	0.00	0.00	0.00	288.31	9.74
	Potatoes	25.50	25.50	0.00	4.72	0.00	0.00	0.00	25.50	0.00	0.00	0.00	81.22	3.19
NORTH CENTRAL	Pumpkins	0.00	0.00	0.00	0.00	0.00	1.70	0.00	0.00	0.00	0.00	0.00	1.70	0.05
	Butternuts	8.50	8.50	0.00	55.21	0.00	47.54	0.00	2.98	0.00	0.00	0.00	122.72	10.03
	Cabbage	99.37	85.34	0.00	184.24	0.00	259.25	0.00	90.95	0.00	0.00	0.00	719.14	18.71
	Gem squash	0.00	6.55	0.00	11.05	0.00	0.46	0.00	0.00	0.00	0.00	0.00	18.05	1.41
	Onions	4.17	2.13	0.00	25.63	0.00	79.94	0.00	37.02	0.00	0.00	0.00	148.88	9.42
KARSTLAND	Pumpkins	1.28	1.28	0.00	2.55	0.00	0.00	0.00	1.38	0.00	0.00	0.00	6.48	0.53
	Butternuts	25.50	51.00	0.00	34.00	0.00	50.11	0.00	23.80	0.00	0.00	0.00	184.41	6.73
	Cabbage	374.85	356.15	0.00	486.20	0.00	444.55	0.00	248.20	0.00	161.50	0.00	2071.45	31.44
	Gem squash	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Onions	397.38	409.28	0.00	436.90	0.00	24.65	0.00	24.65	0.00	0.00	0.00	1292.85	35.83
CENTRAL	Potatoes	1294.55	312.80	0.00	1211.25	0.00	850.00	0.00	1551.25	0.00	0.00	0.00	5219.85	136.75
	Pumpkins	59.93	56.95	0.00	0.00	0.00	5.10	0.00	0.00	0.00	0.00	0.00	121.98	3.70
	Butternuts	0.00	0.00	0.00	0.26	0.00	29.75	0.00	12.75	0.00	0.00	0.00	42.76	2.01
	Cabbage	56.47	56.47	0.00	68.85	0.00	51.00	0.00	5.10	0.00	0.00	0.00	237.89	5.76
	Gem squash	0.00	0.00	0.00	0.00	0.00	25.50	0.00	0.00	0.00	0.00	0.00	25.50	1.50
SOUTH AND ORANGE RIVER	Onions	553.35	554.20	51.00	250.75	59.50	966.79	59.50	838.95	0.00	25.50	0.00	3359.54	58.56
	Potatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Pumpkins	0.85	0.00	0.00	0.00	0.00	59.50	0.00	25.50	0.00	0.00	0.00	85.85	3.02
	Butternuts	0.00	85.00	0.00	144.50	0.00	42.50	0.00	38.25	0.00	12.75	0.00	323.00	12.50
	Cabbage	218.45	112.20	0.00	256.70	0.00	188.70	0.00	0.00	0.00	0.00	0.00	776.05	14.28
Total expected production tonnage per crop per month	Gem squash	0.00	2.13	0.00	29.75	0.00	59.50	0.00	1.70	0.00	0.00	0.00	93.08	4.65
	Onions	0.00	0.00	0.00	51.85	0.00	51.85	0.00	91.80	0.00	2.55	0.00	198.05	5.11
	Pumpkins	0.00	0.00	0.00	17.00	0.00	38.25	0.00	42.50	0.00	0.00	0.00	97.75	2.50
	Butternuts	35	145	0	244	0	179	0	81	0	13	0	697	33
	Cabbage	800	677	0	1076	0	1017	0	362	0	162	0	4094	81
Total expected production tonnage per crop per month	Gem Squash	0	9	0	41	0	85	0	2	0	0	0	137	8
	Onions	976	1020	51	807	60	1223	60	904	0	26	0	5125	115
	Potatoes	1320	338	0	1216	0	850	0	1577	0	0	0	5301	140
	Pumpkins	75	58	0	26	0	115	0	80	0	0	0	355	26
	Garlic	16.1		0	9.9	0	7.5	0	7.15	0	0	0	40.65	6.76

Source: NAB, 2022

### 3. AVAILABILITY OF THE EXPECTED CROPS PER PRODUCERS

**Table 3A** shows availability of the expected **special controlled crops** per area, per producer. Traders are advised to contact producers listed in **table 3A** below for local purchase orders in order to meet the 47% minimum MSP requirement.


































































Table 3A: THE FIVE MONTHS EXPECTED AVAILABILITY CALENDAR FOR THE SPECIAL CONTROLLED CROPS (Butternuts, Cabbage, Gem squash, Onions, Potatoes and Pumpkins)																																							
KEY : BUTTERNUT =  CABBAGE =  GEM SQUASH =  ONION =  POTATO =  PUMPKIN = 																																							
PERIOD: 01 September 2022 to 31 January 2023 Last updated: 19 August 2022																																							
Contact Person	Target Market			01-15 Sep 2022						16-30 Sep 2022						Oct-22						Nov-22						Dec-22						Jan-23					
	Local Informal	Local Formal	Export	Butternuts	Cabbage	Gem Squash	Onions	Potatoes	Pumpkins	Butternuts	Cabbage	Gem Squash	Onions	Potatoes	Pumpkins	Butternuts	Cabbage	Gem Squash	Onions	Potatoes	Pumpkins	Butternuts	Cabbage	Gem Squash	Onions	Potatoes	Pumpkins	Butternuts	Cabbage	Gem Squash	Onions	Potatoes	Pumpkins						
ZAMBEZI																																							
1	Alex Lisao	✓	✓																																				
2	Benedict Musialike	✓	✓																																				
3	Bernard Lilungwe	✓	✓																																				
4	Bernard Sitali	✓	✓																																				
5	Bertha Maswahu	✓	✓																																				
6	Cavin Sikalumbu Mufwanzala	✓	✓																																				
7	Charity Mulemwa Goaises	✓	✓																																				
8	Charles Nawa Nawa	✓	✓																																				
9	Clemens Makumbi	✓	✓																																				
10	Clement Mulyokela	✓	✓																																				
11	Conrad Mbaimbai	✓	✓																																				
12	Davis Mushitu	✓	✓																																				
13	Edwin Kawana	✓	✓																																				
14	Elinah Kalundu	✓	✓																																				
15	George Sauriri	✓	✓																																				
16	Hans Matiti Fwembili	✓	✓																																				
17	Ilunga Mohongo Kennedy	✓	✓																																				
18	Imran Vadi	✓	✓																																				
19	Joseph Simataa	✓	✓																																				
20	Joseph Simwanza	✓	✓																																				
21	Kenneth Simasiku Sitali	✓	✓																																				
22	Knox Salushando	✓	✓																																				
23	Lucious Chata	✓	✓																																				
24	Makata Hamphery	✓	✓																																				
25	Martin Chiza Siseho	✓	✓																																				
26	Martin Sikanda	✓	✓																																				

Table 3A continues.....























6	Basie Prinsloo	✓	✓																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	</
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CENTRAL																																								
NAME OF PRODUCER		Local Informal	Local Formal	Export	01-15 Sep 2022						16-30 Sep 2022						Oct-22						Nov-22						Dec-22						Jan-23					
1	Arthur Anoziva Makhaza	✓	✓																																					
2	Ferdinand Nghiyolwa	✓	✓																																					
3	Hueston Groenewaldt	✓	✓																																					
4	Johannes Meyer	✓	✓																																					
5	John Katjaita	✓	✓																																					
6	Lothar Kollimitz	✓	✓																																					
7	Ludie Kolver	✓	✓	✓																																				
8	Magnus Kurz	✓	✓																																					
9	Mwaafa Ndilula	✓	✓																																					
10	Richard Chirairo	✓	✓																																					
11	Roy Mushwena	✓	✓																																					
12	Solomon Nemaire	✓	✓																																					
13	Sem Tangeni Nepando	✓	✓																																					
14	Stenly Mcloud	✓	✓	✓																																				
15	Steve Fraser	✓	✓																																					
16	Wylie V Upi	✓	✓																																					
SOUTH AND ORANGE RIVER																																								
1	Alisa Nghikwena	✓	✓																																					
2	Burger J. Harmse	✓	✓																																					
3	Dirk de Beer / Hendrik Berg	✓	✓																																					
4	Elmarie Janse van Rensburg	✓	✓																																					
5	Frans Wentzel	✓	✓																																					
6	G.F. Janse van Rensburg	✓	✓																																					
7	Gavin Wessels	✓	✓																																					
8	Jimmy E. O'kenedy	✓	✓																																					
9	Johan Roux	✓	✓																																					
10	Jones Nghishimwe	✓	✓																																					
11	Hoekes van Niekerk	✓	✓																																					
12	Marco Huisamen	✓	✓																																					
13	Rudi Kotze	✓	✓																																					
14	Zirk Jansen	✓	✓																																					
Note: Producers not listed herein, it is either because they will not harvest any of the six (6) special controlled products or they did not provide their production data for this reporting period.																																								
Kindly note that, producers who wash potatoes in Namibia includes: Lourens Le Grange in Kavango; Cobus Coetzee, Gero Hirsch, Hansie van der Merwe, Jan Keyser and Tommie Martinson in the Karst while in central there is Etienne Jooste and Ludie Kolver. All other producers supplies unwashed or brushed potatoes																																								

Source: NAB, 2022

**Table 3B** shows availability of the expected **Garlic** as *monitored controlled crop* per area, per producer. This table further shows that garlic is only expected to be available in Zambezi, north central, Karst and Central area. Traders are advised to contact producers listed in table 3B below to place their local purchase orders.

Table 3B: THE FIVE MONTHS EXPECTED AVAILABILITY OF THE GARLIC AS MONITORED CROP						
KEY: GARLIC = 						
PERIOD: 01 September 2022 to 31 January 2023				Last updated: 19 August 2022		
NAME OF PRODUCER	01-15 Sep 22	16-30 Sep 22	Oct-22	Nov-22	Dec-22	Jan-23
<b>Zambezi Area</b>						
1 George Sauriri						
<b>North Centra Area</b>						
1 Andelina Pena						
<b>Karst Area</b>						
1 ULF Jarisch						
2 Juliana Gericke						
3 Ndinelago Tshiguuo						
<b>Central Area</b>						
1 Gerhard Truter						
2 Henk Peters						
3 Jaco Thomas						
4 Steven Fraser						
5 Wessel Otto						

Source: NAB, 2022

## 4. EXPECTED PRODUCTION VS DEMAND ANALYSIS

### 4.1 TABULATION ANALYSIS

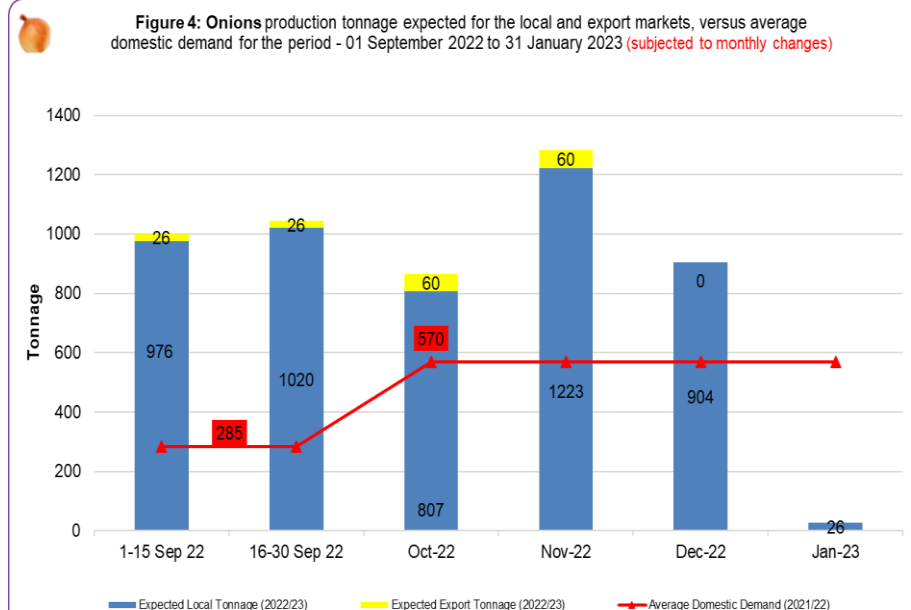
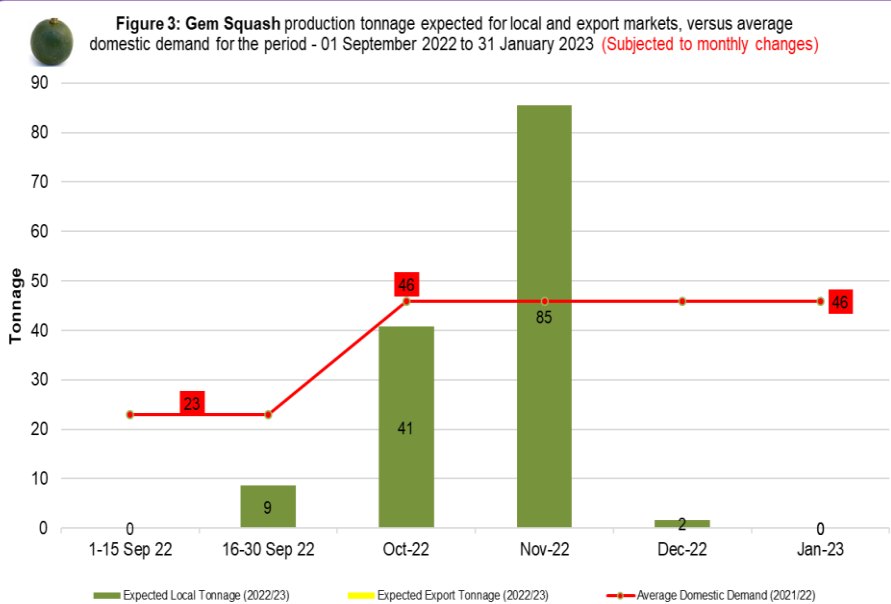
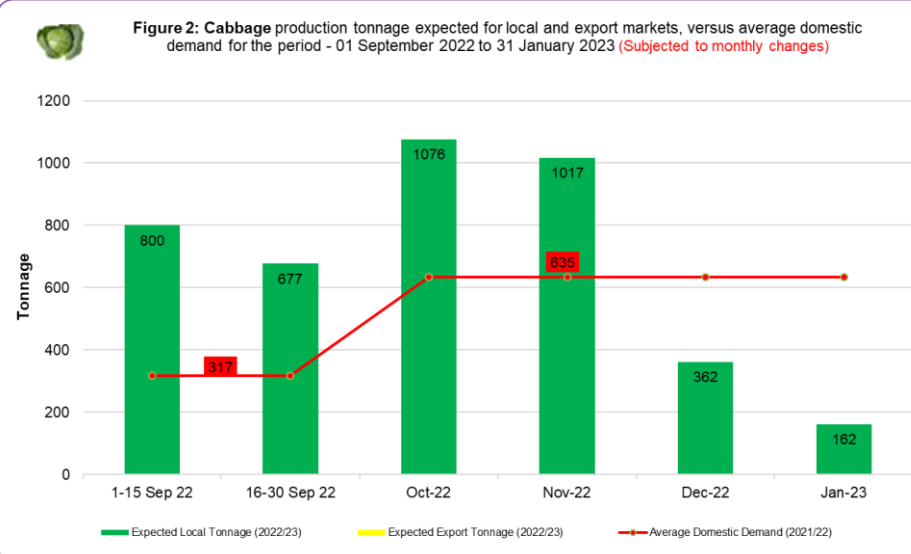
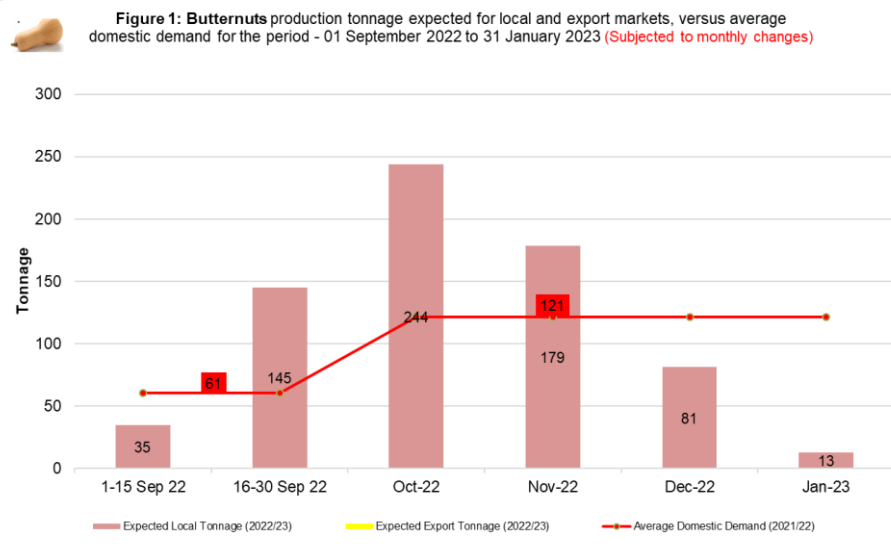
**Table 4** below shows that, the total tonnage expected for butternuts, cabbage, onions, potatoes and pumpkins will be sufficient to satisfy the domestic market during the special permit period of 01-30 September 2022. **Table 4** further shows that; gem squashes are expected to be insufficient in September.

Table 4: ANALYSIS OF THE EXPECTED TONNAGE FOR DOMESTIC MARKET VERSUS AVERAGE DOMESTIC DEMAND								
Numbers in this table represents tonnage					Last updated: 19 August 2022			
Special Controlled Crops	Expected Surplus or Shortage	01-15 Sep 2022	16-30 Sep 2022	Oct-22	Nov-22	Dec-22	Jan-23	Total
Butternuts	Expected for domestic market	35	145	244	179	81	13	697
	Average domestic demand	61	61	121	121	121	121	607
	Surplus / shortage	-26	85	122	57	-40	-109	90
Cabbage	Expected for domestic market	800	677	1076	1017	362	162	4094
	Average domestic demand	317	317	635	635	635	635	3174
	Surplus / shortage	483	360	441	383	-273	-473	920
Gem Squash	Expected for domestic market	0	9	41	85	2	0	137
	Average domestic demand	23	23	46	46	46	46	229
	Surplus / shortage	-23	-14	-5	40	-44	-46	-92
Onions	Expected for domestic market	976	1020	807	1223	904	26	4955
	Average domestic demand	285	285	570	570	570	570	2848
	Surplus / shortage	691	735	237	653	334	-543	2106
Potatoes	Expected for domestic market	1320	338	1216	850	1577	0	5301
	Average domestic demand	1,259	1259	2519	2519	2519	2519	12593
	Surplus / shortage	61	-921	-1303	-1669	-942	-2519	-7292
Pumpkins	Expected for domestic market	75	58	26	115	80	0	355
	Average domestic demand	33	33	65	65	65	65	327
	Surplus / shortage	43	26	-39	49	15	-65	28

Source: NAB, 2022

## 4.2 GRAPHICAL ANALYSIS

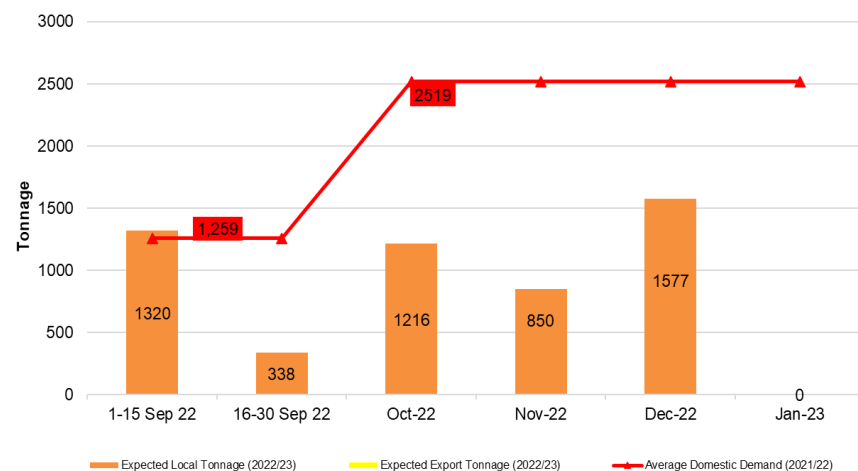
Graphical analysis shows the domestic production tonnage expected for the local and export markets as well as the average domestic demand. **Figure 1** shows that butternuts will not be sufficient in the first two weeks of September 2022. **Figure 2, 4, 5 and 6** below shows that the projected production tonnage for cabbage, onions, potatoes and pumpkins reserved for local market are expected to be sufficient in September 2022. Whereas, **figure 3** shows that, gem squashes are expected to be insufficient September.



Graphical analysis figures continue...



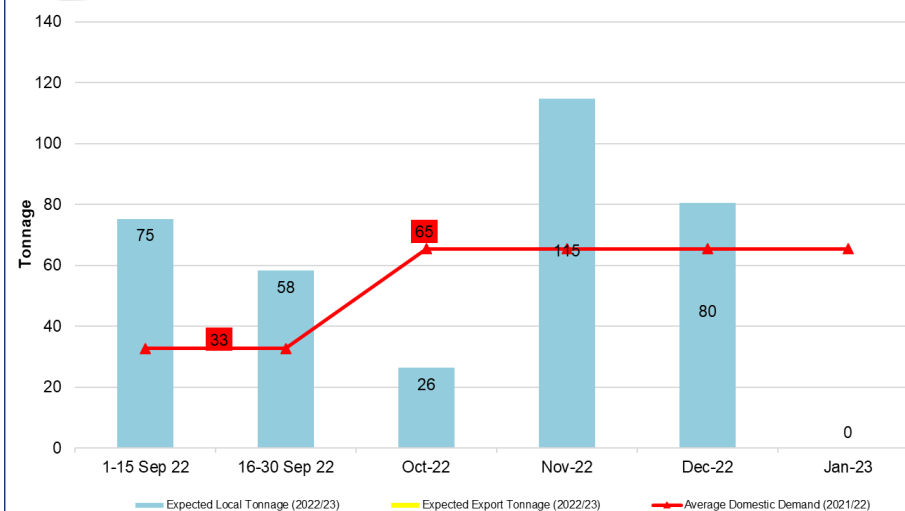
**Figure 5: Potatoes** production tonnage expected for local and export markets, versus average domestic demand for the period: 01 September 2022 to 31 January 2023 (Subjected to monthly changes)



Source: NAB, 2022



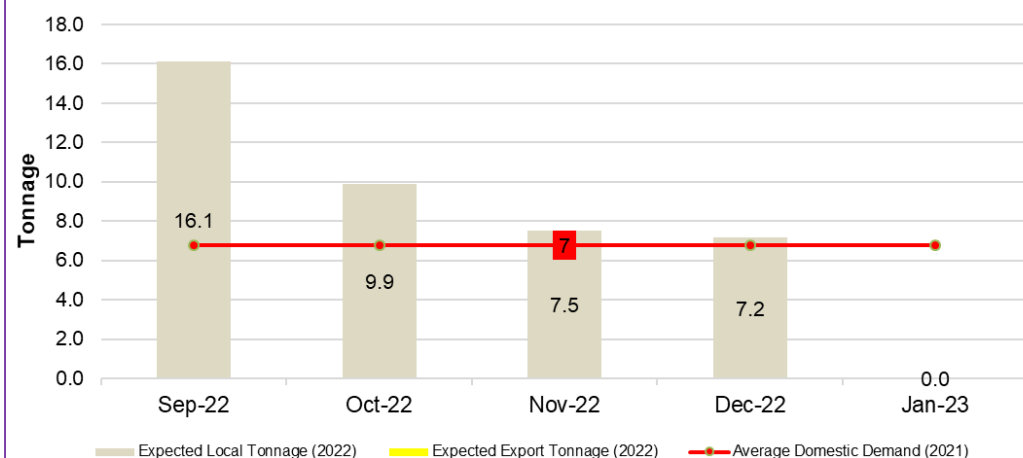
**Figure 6: Pumpkins** production tonnage expected for local and export markets, versus average domestic demand for the period - 01 September 2022 to 31 January 2023 (Subjected to monthly changes)



**Figure A** below shows that, the projected tonnage for garlic (**monitored crop**) is expected to be sufficient from September to December 2022.



**Figure A: Garlic** production forecasted expected for local market for the period - 01 September 2022 to 31 January 2023 (Subjected to monthly changes)



Source: NAB, 2022

## 5. CONCLUSIONS AND RECOMMENDATIONS

The report concludes that, there will be **sufficient local supply** of **cabbage, onions** and **pumpkins** in September 2022. It is therefore recommended that the **borders be closed** to restrict the importation of these three (3) crops during the special permit period of **01-30 September 2022**.

The report further concluded that **butternuts** will be insufficient from 01 to 15 September 2022. It is there for recommended that the border be **open** to allow traders to import **butternuts as from 01 to 15 September 2022**.

The country expects sufficient local supply of potatoes for the first two weeks of September 2022. It is there for recommended that the border remain **closed** to restrict importation of **potatoes as from 01 to 15 September 2022**.

The report further concluded that, the country still expects a shortage of **gem squash** in September 2022. It is therefore recommended that the **border be open** to allow importation of gem squashes without restrictions; however, 47% MSP rules shall apply at all times. **Traders** are however encouraged to continue sourcing locally, irrespective of close or open borders implementation for such products and only import when deemed necessary.

The report also revealed that local production of **garlic** is expected to be insufficient from September to December 2022. **Garlic** is still a monitored crop hence open / close border does not apply. It is crucial to note that close/open borders does not apply to monitored crops such as garlic.

Traders are encouraged to ensure compliance to the 47% minimum Market Share Promotion requirement by buying more of local produced vegetables. Traders are therefore advised to contact registered local producers who are expected to harvest these products as per **the availability calendar (table 3)** in this report, to make necessary purchase arrangements. On the other hand, producers are advised to immediately notify NAB in case of deviations from their planting program or in the event of crop failure due to factors beyond their control.

[illegible]



Colour Pepper



Tomato Round



Tomato Jam



Carrot



Green Pepper



Spinach



Sweetcorn



NAMIBIAN  
AGRONOMIC BOARD

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## HORTICULTURE: VEGETABLES PRODUCTION FORECAST

### REPORT NO.2

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#### FORECASTED PERIOD:

01 SEPTEMBER 2022 TO 31 JANUARY 2023

**Agronomy and Horticulture Market Development Division**

**Horticulture Market Development Subdivision**

**Enquiries:** Mr. Patrick Lubanda

**Cell:** +264 81 289 5454

**Email:** [Patrick.Lubanda@nab.com.na](mailto:Patrick.Lubanda@nab.com.na)

## 1.INTRODUCTION

**Report no. 2**, covers the local production forecast for the six special controlled products i.e. **Tomato (Round & Jam), Green Pepper, Colour Pepper, Carrot, Spinach and Sweetcorn**. 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. The objective the special controlled product scheme is stimulate local production of horticultural products in Namibia, as a growth at home strategy implemented by the NAB. Therefore, this report discusses the controlled crops production forecasted per area, expected availability per producer, tabulation and graphical analysis on expected production versus local demand and subsequently the hectares planted and average yield expected per hectare during the reporting season.

**Table 1:** Show the inclusions and exclusions of the special controlled products.

Product	Inclusions:	Exclusions:
1.Tomato	Tomatoes Round (Round shaped, red/partially red colour). Tomatoes Jam (Oval shaped, red / partially red colour), except the "Exclusions".	All Small size type of tomatoes, i.e. Cherry, Cocktail, Bacio, Romanita, Rigoletto, and Medley mix, etc. All colours.
2.Green Pepper	All size groups and container size of Green Pepper, except the "Exclusions".	Orange Pepper and Peppers mix, etc.
3. Colour Pepper	All Types, grades, size groups and container sizes of Fresh, chilled, whole or cut Colour Bell Pepper (Red and Yellow) Single line or Robot Peppers except the exclusion	All Orange, Brown, Black, Purple and White Bell fresh Peppers, Chilled, whole or Cut.
4. Carrot	All size groups and container sizes of Orange fleshed Carrots as well as catering Orange Carrots full size or broken, except the "Exclusions".	Red, Purple, White, Black, and Yellow Fleshed Carrots.
5.Sweet Corn	All types, size groups and container size of fresh/ chilled and whole or cut Red Fleshed and Yellow Fleshed except the "Exclusions"	White and Mixed Colour Sweet Corn.
6.Spinach	All types, grades, size groups and container size of fresh, chilled, Whole or Cut Spinach except the "Exclusions".	Baby Spinach, coloured spinach and all frozen and processed Spinach such as dried, cooked and preserved spinach.

**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 FORECAST PER AREA

**Table 2:** Shows that, Tomato Round, Carrot, Tomato Jam and Green Peppers respectively, are the top commodities with high-expected tonnages during the forecasted period. Detailed information for expected production, per crop per production zone are shown in Table 2 below.

Table 2: EXPECTED PRODUCTION OF SPECIAL CONTROLLED PRODUCTS PER CROP PER AREA															
		Numbers in the table below represents tonnage													
PRODUCTION AREA	CROP	01-15 Sep 22		16-30 Sep 22		Oct-22		Nov-22		Dec-22		Jan-23		Totals	
		Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Expected tonnage	Hectares planted
ZAMBEZI	Tomato Round	23.4	0.0	24.3	0.0	33.0	0.0	23.4	0.0	13.3	0.0	3.0	0.0	120.5	5.3
	Tomato Jam	0.1	0.0	0.1	0.0	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.8	0.0
	Carrot	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.1
	Green Pepper	0.7	0.0	1.2	0.0	2.9	0.0	3.0	0.0	1.8	0.0	0.3	0.0	9.8	0.5
	Coloured Pepper	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Spinach	0.2	0.0	0.2	0.0	0.4	0.0	0.4	0.0	0.1	0.0	0.0	0.0	1.3	0.2
	Sweetcorn	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KAVANGO	Tomato Round	3.5	0.0	4.8	0.0	2.8	0.0	1.0	0.0	1.0	0.0	0.0	0.0	13.0	0.8
	Tomato Jam	5.5	0.0	10.4	0.0	16.0	0.0	7.6	0.0	9.2	0.0	0.3	0.0	49.0	1.8
	Carrot	4.1	0.0	6.6	0.0	21.2	0.0	2.5	0.0	0.0	0.0	0.0	0.0	34.4	1.9
	Green Pepper	0.5	0.0	0.5	0.0	1.1	0.0	1.0	0.0	1.1	0.0	0.4	0.0	4.6	0.3
	Coloured Pepper	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Spinach	0.4	0.0	0.4	0.0	0.6	0.0	0.3	0.0	0.2	0.0	0.0	0.0	1.8	0.4
	Sweet Corn	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NORTH CENTRAL	Tomato Round	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	6.1	0.0	1.7	0.0	9.9	0.5
	Tomato Jam	28.5	0.0	52.2	0.0	81.2	0.0	60.0	0.0	63.8	0.0	14.5	0.0	300.2	19.3
	Carrot	6.0	0.0	4.2	0.0	5.7	0.0	3.6	0.0	18.0	0.0	0.0	0.0	37.4	3.4
	Green Pepper	4.3	0.0	4.3	0.0	7.1	0.0	6.5	0.0	4.7	0.0	1.5	0.0	28.4	2.4
	Coloured Pepper	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Spinach	3.4	0.0	3.4	0.0	6.8	0.0	6.8	0.0	6.6	0.0	0.6	0.0	27.6	1.6
	Sweetcorn	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0




































































































































































Table 2 continued...

KARST	Tomato Round	16.2	0.0	16.2	0.0	12.1	0.0	3.8	0.0	0.0	0.0	0.0	0.0	48.2	4.3
	Tomato Jam	52.7	0.0	55.0	0.0	94.8	0.0	112.2	0.0	62.1	0.0	33.8	0.0	410.6	11.0
	Carrot	198.3	0.0	223.3	0.0	408.0	0.0	223.0	0.0	253.0	0.0	50.0	0.0	1355.5	34.5
	Green Pepper	3.4	0.0	4.2	0.0	9.4	0.0	9.5	0.0	8.7	0.0	2.0	0.0	37.2	2.0
	Coloured Pepper	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Spinach	1.5	0.0	1.5	0.0	4.3	0.0	5.5	0.0	5.5	0.0	2.5	0.0	20.8	1.0
	Sweetcorn	0.0	0.0	0.0	0.0	0.0	0.0	36.8	0.0	1.8	0.0	0.0	0.0	38.5	3.5
CENTRAL	Tomato Round	22.2	0.0	8.8	0.0	68.7	0.0	55.3	0.0	30.0	0.0	30.0	0.0	215.0	5.9
	Tomato Jam	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Carrot	17.5	0.0	17.5	0.0	35.0	0.0	38.0	0.0	35.0	0.0	35.0	0.0	178.0	5.1
	Green Pepper	0.5	0.0	0.5	0.0	7.0	0.0	7.0	0.0	6.0	0.0	6.0	0.0	27.0	1.4
	Coloured Pepper	7.5	0.0	7.5	0.0	27.0	10.0	27.0	10.0	27.0	10.0	27.0	10.0	123.0	3.0
	Spinach	8.6	0.0	8.6	0.0	17.1	0.0	16.9	0.0	16.9	0.0	0.9	0.0	68.9	2.6
	Sweetcorn	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SOUTH AND ORANGE RIVER	Tomato Round	695.3	350.0	599.3	326.0	536.5	480.0	54.8	0.0	65.3	0.0	47.3	0.0	1998.5	59.4
	Tomato Jam	0.0	0.0	10.3	0.0	20.7	0.0	4.0	0.0	3.0	0.0	0.0	0.0	38.0	1.2
	Carrot	2.1	0.0	2.1	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	0.5
	Green Pepper	3.0	0.0	3.0	0.0	154.2	0.0	135.8	0.0	3.1	0.0	3.1	0.0	302.2	25.7
	Coloured Pepper	8.3	2.0	8.3	2.0	55.6	14.6	1.2	0.0	1.2	0.0	1.2	0.0	75.8	9.4
	Spinach	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
	Sweetcorn	0.0	0.0	0.0	0.0	14.0	0.0	17.5	0.0	14.0	0.0	14.0	0.0	59.5	8.5
Total expected per crop per month	Tomato Round	760.5	350.0	653.4	326.0	653.0	480.0	140.3	0.0	115.8	0.0	82.1	0.0	2405.1	76.2
	Tomato Jam	86.9	0.0	128.1	0.0	212.9	0.0	184.1	0.0	138.0	0.0	48.7	0.0	798.6	33.2
	Carrot	227.9	0.0	253.6	0.0	475.8	0.0	267.1	0.0	306.0	0.0	85.0	0.0	1615.4	45.4
	Green Pepper	12.3	0.0	13.7	0.0	181.7	0.0	162.7	0.0	25.4	0.0	13.2	0.0	409.1	32.3
	Coloured Pepper	15.8	2.0	15.8	2.0	82.6	24.6	28.2	10.0	28.2	10.0	28.2	10.0	198.8	12.4
	Spinach	14.0	0.0	14.0	0.0	29.1	0.0	29.8	0.0	29.3	0.0	4.1	2.0	120.3	5.7
	Sweetcorn	0.0	0.0	0.0	0.0	14.0	0.0	54.3	0.0	15.8	0.0	14.0	0.0	98.0	12.00

Source: NAB,2022

### 3. EXPECTED AVAILABILITY

**Table 3**, indicates active producers that expect to harvest the special controlled products as given below. Refer to table 3 below for more details.

TABLE 3A : EXPECTED AVAILABILITY OF SPECIAL CONTROLLED PRODUCTS																																												
KEYS: Tomato Round =  Tomato Jam =  Carrot =  Green Pepper =  Coloured Pepper =  Spinach =  Sweetcorn = 																																												
ZAMBEZI AREA																																												
			01 to 15 Sep 2022							16 to 30 Sep 2022							Oct-22							Nov-22							Dec-22							Jan-23						
SN	Name of Producer	Local	Export	Tomato Round	Tomato Jam	Carrot	Green pepper	Coloured pepper	Spinach	Sweet Corn	Tomato Round	Tomato Jam	Carrot	Green Pepper	Coloured pepper	Spinach	Sweet Corn	Tomato Round	Tomato Jam	Carrot	Green pepper	Coloured pepper	Spinach	Sweet Corn	Tomato Round	Tomato Jam	Carrot	Green pepper	Coloured pepper	Spinach	Sweet Corn	Tomato Round	Tomato Jam	Carrot	Green pepper	Coloured pepper	Spinach	Sweet Corn						
1	Charity Mulemwa Goaisies	✓																																										
2	Kenneth Siamsiku Sitali	✓																																										
3	Ilunga Mohongo Kennedy	✓																																										
4	Boyd Ilunga	✓																																										
5	Andrew Inambao	✓																																										
6	Lubasi Mulemba Oscar	✓																																										
7	Benedicts Musialike	✓																																										
8	Bernard Silwabubi	✓																																										
9	Kisco Mbala Mwanga	✓																																										
10	Clemens Makumbi	✓																																										
11	Clement Mulyokela	✓																																										
12	Gabriel Ntelamo	✓																																										
13	Kelvin Mufalali	✓																																										
14	Micheal Mwiya Kalaluka	✓																																										
15	Rosco Misika Lukubwe	✓																																										
16	Bernard Sitali	✓																																										
17	Charles Nawa Nawa	✓																																										
18	Eustance Mujohn	✓																																										
19	Hans Matti Fwelimbi	✓																																										
20	Jonathan Kamwi	✓																																										
21	Joseph Simataa	✓																																										
22	Kamwi Lubanda	✓																																										
23	Knox Salushando	✓																																										
24	Songa Simasiku	✓																																										
25	Clement Simasiku	✓																																										
26	Martin Chiza Siseho	✓																																										
27	Conrade Lutombi	✓																																										
28	Lubasi M Oscar	✓																																										
29	Pumulo R Muhau	✓																																										
30	Precious Mufwanzala	✓																																										
31	Leevi Sisamu	✓																																										
32	Viola N Imwaka	✓																																										
33	Imran Vade	✓																																										







CENTRAL AREA																																		
					01 to 15 Sep 2022					16 to 30 Sep 2022					Oct-22					Nov-22					Dec-22					Jan-22				
1	Jaco Thomas	√																																
2	JM Meyer	√																																
3	Magnuz Kurz	√																																
4	Hueston Groenewaldt	√																																
5	Mushwena Roy	√																																
6	Jaco van der Westhuizen	√																																
7	Leonie Hartman	√																																
8	Salomon Nemaire	√	√																															
SOUTH AND ORANGE RIVER AREA																																		
					01 to 15 Sep 2022					16 to 30 Sep 2022					Oct-22					Nov-22					Dec-22					Jan-22				
1	Abie Oliveer	√	√																															
2	Albert Van de Merwe	√	√																															
3	ORIP SSF	√																																
4	Zirk Jansen	√																																
5	Marco Huisamen	√																																
6	Elmarie Rensburg	√																																
7	Francois van Rensburg	√																																
8	Pieter Root	√																																
9	Arthur Makhaza	√																																

Source: NAB, 2022

## 4. EXPECTED PRODUCTION VS DEMAND ANNALYSIS

### 4.1 TABULATION ANALYSIS

**Table 4:** Below indicates expected production versus the average domestic demand per crop per month

The total tonnage expected for Tomato Round and Tomato Jam, Carrot and Spinach, are expected to be Sufficient in the entire permit period of 01 to 30 September 2022. While sweetcorn, Green and Colour Peppers will be insufficient in this permit period, of 01 to 30 September 2022.

Table 4A: EXPECTED PRODUCTION VERSUS DOMESTIC DEMAND ANALYSIS FOR SPECIAL CONTROLLED PRODUCTS								
		Numbers in this table represents Tonnage						
Crop	Expected <b>Shortage</b> or <b>Surplus</b>	01-15 Sep 22	16-30 Sep 22	Oct-22	Nov-22	Dec-22	Jan-23	TOTAL
Tomato Round	Expected for Domestic Market	760.5	653.4	653.0	140.3	115.8	82.1	2405.1
	Average Domestic Demand	150.3	150.3	300.6	300.6	300.6	300.6	1502.9
	<b>Surplus /Shortage</b>	<b>610.2</b>	<b>503.1</b>	<b>352.4</b>	<b>-160.2</b>	<b>-184.8</b>	<b>-218.5</b>	<b>902.1</b>
Tomato Jam	Expected for Domestic Market	86.9	128.1	212.9	184.1	138.0	48.7	798.6
	Average Domestic Demand	15.2	15.2	30.5	30.5	30.5	30.5	152.5
	<b>Surplus /Shortage</b>	<b>71.6</b>	<b>112.8</b>	<b>182.4</b>	<b>153.6</b>	<b>107.5</b>	<b>18.2</b>	<b>646.1</b>
Carrot	Expected for Domestic Market	227.9	253.6	475.8	267.1	306.0	85.0	1615.4
	Average Domestic Demand	190.9	190.9	381.7	381.7	381.7	381.7	1908.6
	<b>Surplus /Shortage</b>	<b>37.0</b>	<b>62.7</b>	<b>94.0</b>	<b>-114.6</b>	<b>-75.7</b>	<b>-296.7</b>	<b>-293.2</b>
Green Pepper	Expected for Domestic Market	12.3	13.7	181.7	162.7	25.4	13.2	409.1
	Average Domestic Demand	11.8	11.8	23.5	23.5	23.5	23.5	117.7
	<b>Surplus /Shortage</b>	<b>0.6</b>	<b>2.0</b>	<b>158.1</b>	<b>139.2</b>	<b>1.9</b>	<b>-10.3</b>	<b>291.4</b>
Colour Pepper	Expected for Domestic Market	15.8	15.8	82.6	28.2	28.2	28.2	198.8
	Average Domestic Demand	23.7	23.7	47.3	47.3	47.3	47.3	236.5
	<b>Surplus /Shortage</b>	<b>-7.9</b>	<b>-7.9</b>	<b>35.3</b>	<b>-19.1</b>	<b>-19.1</b>	<b>-19.1</b>	<b>-37.8</b>
Sweetcorn	Expected for Domestic Market	0.0	0.0	14.0	54.3	15.8	14.0	98.0
	Average Domestic Demand	10.0	10.0	20.0	20.0	20.0	20.0	99.8
	<b>Surplus /Shortage</b>	<b>-10.0</b>	<b>-10.0</b>	<b>-6.0</b>	<b>34.3</b>	<b>-4.2</b>	<b>-6.0</b>	<b>-1.8</b>
Spinach	Expected for Domestic Market	14.0	14.0	29.1	29.8	29.3	4.1	120.3
	Average Domestic Demand	8.5	8.5	17.1	17.1	17.1	17.1	85.4
	<b>Surplus /Shortage</b>	<b>5.5</b>	<b>5.5</b>	<b>12.0</b>	<b>12.7</b>	<b>12.2</b>	<b>-13.0</b>	<b>34.8</b>

Source: NAB,2022

### 4.2 GRAPHICAL ANALYSIS



**Figures 1- 7:** Below indicates the expected local tonnage, average domestic demand and export analysis per crop, we therefore have sufficient supply of Tomato Round, Tomato Jam, Carrot, Spinach, Green and Colour Pepper from 01 to 30 September 2022 permit period. The Sweetcorn will be insufficient in this permit period.

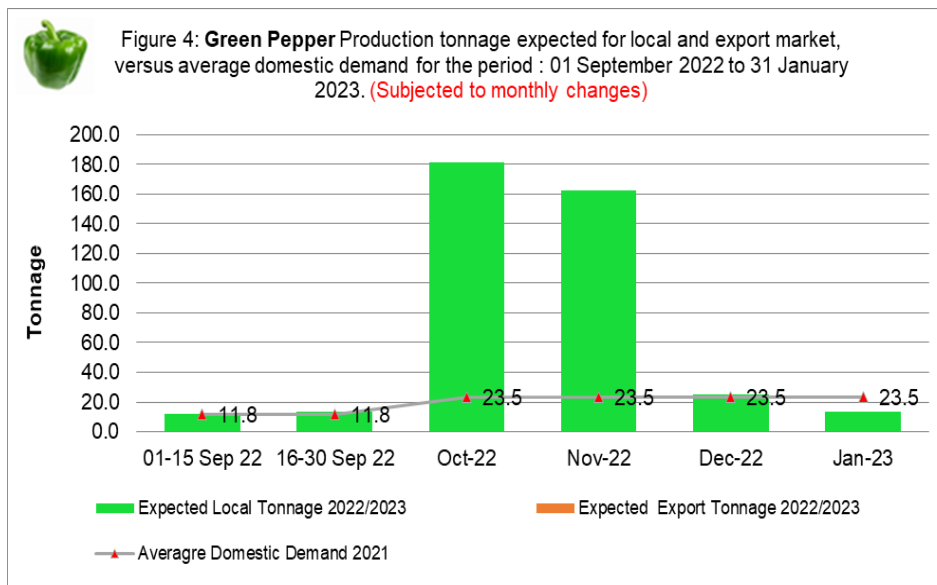
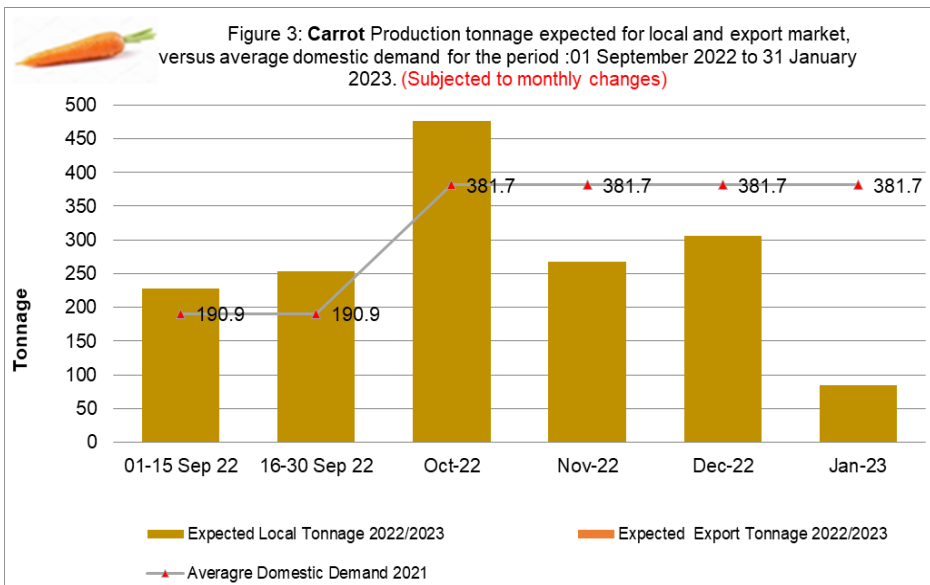
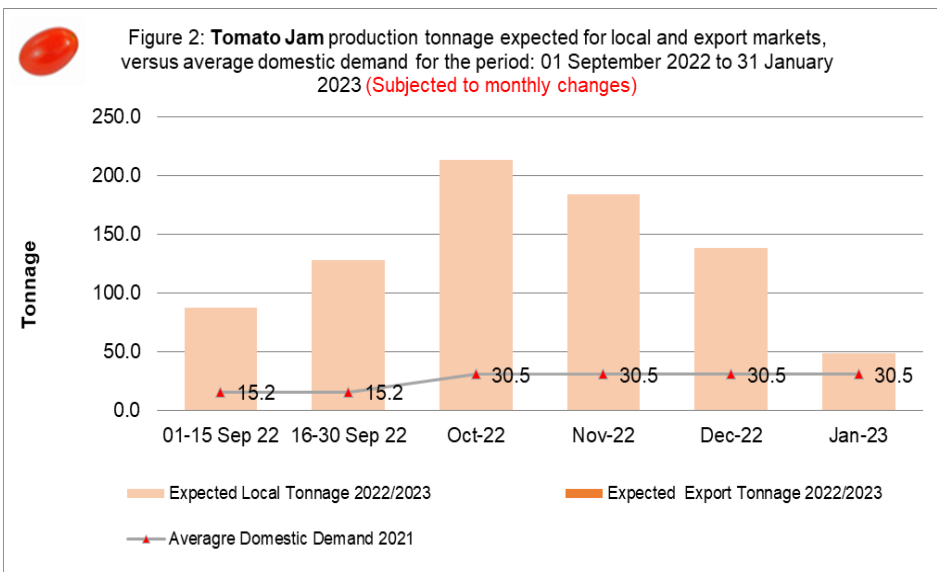
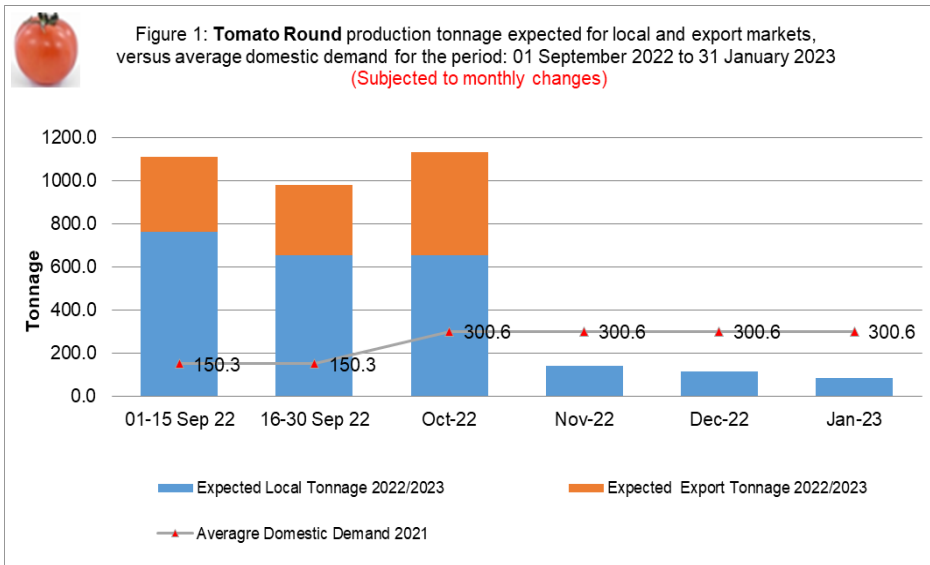




Figure 5: **Sweetcorn** Production tonnage expected for local and export market, versus average domestic demand for the period: 01 September 2022 to 31 January 2023. (Subjected to monthly changes)

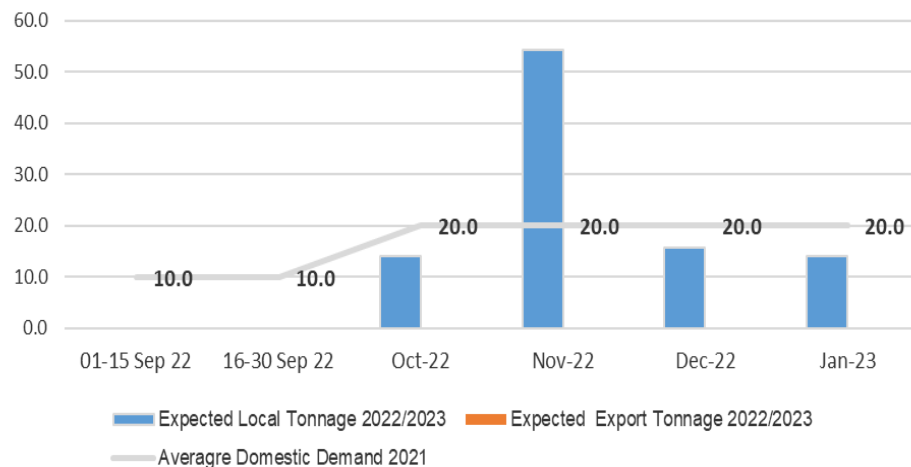


Figure 6: **Colour Pepper** Production tonnage expected for local and export market, versus average domestic demand for the period : 01 September 2022 to 31 January 2023. (Subjected to monthly changes)

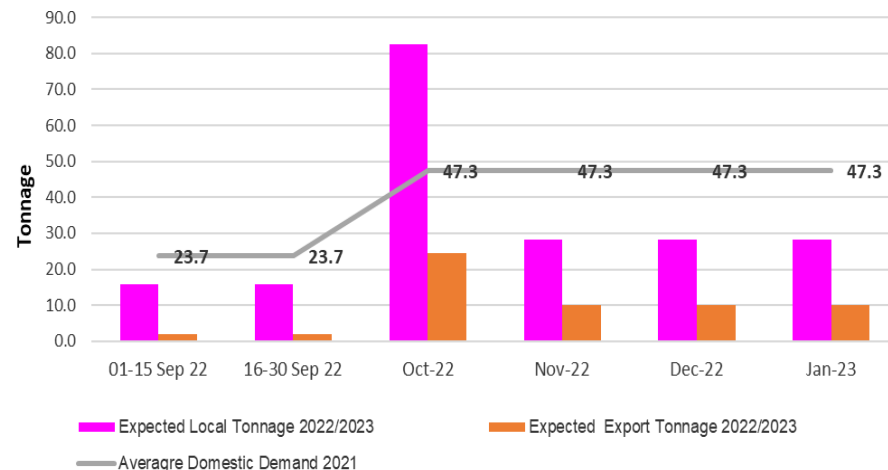
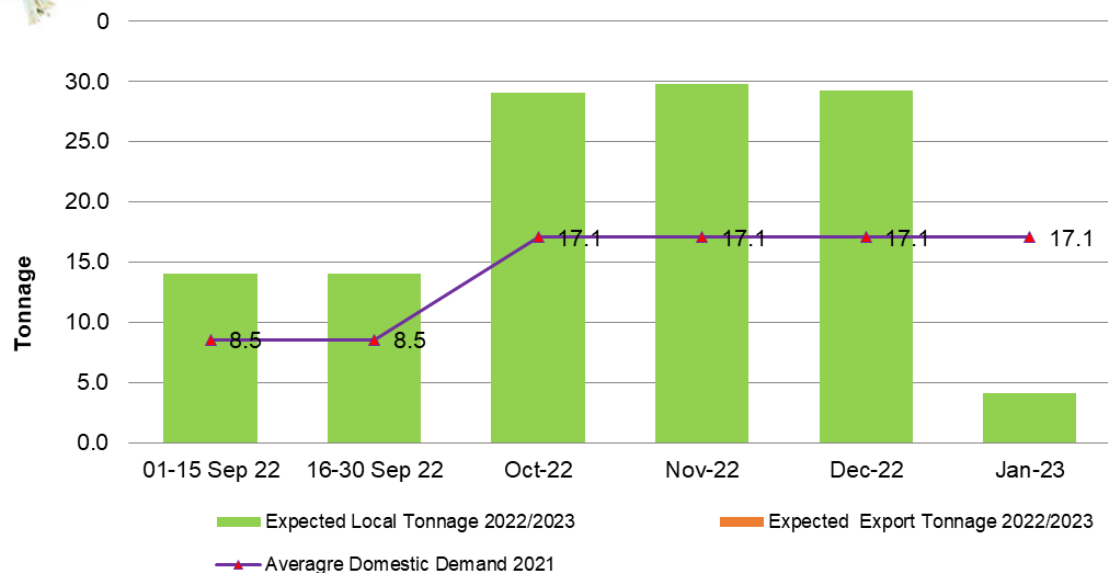


Figure 7 : **Spinach** Production tonnage expected for local and export market, versus average domestic demand for the period : 01 September 2022 to 31 January 2023. (Subjected to monthly changes)



## 5. CONCLUSIONS AND RECOMMENDATIONS

This report indicates sufficient supply of Tomato Round, Tomato Jam, Carrot and Spinach for the entire special permit period of 01 to 30 September 2022. It is therefore recommended that the above-mentioned products be closed for importation during this permit period.

The report further shows insufficient supply of Sweetcorn, Green and Colour Pepper during the special permit period 01 to 30 September 2022. Sweetcorn is recommended to be open for importation, while Color Pepper must be open on prorata of 65:35% (Local to import) and Green Peppers is recommended to be open on prorata of 20:80% (Local and Import respectively). However, traders are reminded that MSP rule of 47 % is strictly applies at times.

In conclusion traders are encouraged to contact farmers appearing in the **Availability calendar (table 3)** for local sourcing and import only when necessary.

[illegible]



Beetroot



English Cucumber



Sweet Potato



Watermelon



Sweetmelon



Lettuce.



Cauliflower



Broccoli



Mushroom



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## HORTICULTURE: VEGETABLES PRODUCTION FORECAST

### REPORT NO 3

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**FORECASTED PERIOD:**

**01 SEPTEMBER 2022 TO 31 JANUARY 2023**

**Agronomy and Horticulture Market Development  
Division**

**Horticulture Market Development Subdivision**

Enquiries: Ms. Selma Uahengo

Cell: +264 812265234

Email: Selma.Uahengo@nab.com.na

## 1. INTRODUCTION

Report no. 3, covers the local production forecast for the six special controlled products i.e., Beetroot, English Cucumber, Sweet Potato, Watermelon, 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.
Lettuce Iceberg	All types, grades, size groups and container sizes of fresh, chilled, Whole or Cut light green/green Iceberg Lettuce as called Head Lettuce, except the "Exclusions".	All Butterhead, Leafy or Stem types of Lettuce of any colour. All frozen, dried, cooked and preserved Lettuce (Whole or Cut) of any colour and shape.

**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

Table 1A, indicates that, during the reporting period, the biggest portion of Beetroot is expected to be harvested in the Karst while English Cucumber is from Central production zone.

Table 1A: Monthly expected production per area, per crop for the period 01 Sep 2022 - 31 Jan 2023															
Numbers in the table below represents tonnage expected to harvested for local and export market												Last updated: 20 Aug 2022			
PRODUCTION AREAS	CROPS	1-15 Sep 22		16-30 Sep 22		Oct-22		Nov-22		Dec-22		Jan-23		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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.09	0.01
	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	0.4	0.0	0.0	0.0	0.0	0.0	0.1	0.0	1.3	0.0	0.0	0.0	1.80	0.12
	Watermelon	0.0	0.0	0.0	0.0	36.2	0.0	33.3	0.0	0.0	0.0	0.0	0.0	69.53	1.73
	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 Iceberg	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	54.2	0.0	1.1	0.0	4.4	0.0	0.5	0.0	0.0	0.0	0.0	0.0	60.15	4.00
	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	3.0	0.0	23.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.03	3.65
	Watermelon	0.0	0.0	0.0	0.0	200.0	0.0	29.0	0.0	11.2	0.0	0.0	0.0	240.22	5.87
	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	1.06	0.09
	Lettuce Iceberg	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
NORTH CENTRAL	Beetroot	9.1	0.0	2.3	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.89	1.63
	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	19.1	0.0	23.0	0.0	99.8	0.0	68.1	0.0	39.1	0.0	10.0	0.0	258.98	18.02
	Watermelon	13.2	0.0	69.7	0.0	196.9	0.0	96.9	0.0	2.0	0.0	0.0	0.0	378.77	16.09
	Sweetmelon	0.0	0.0	2.3	0.0	6.3	0.0	8.0	0.0	0.0	0.0	0.0	0.0	16.62	1.72
	Lettuce Iceberg	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.50	0.03
KARSTLAND	Beetroot	37.8	0.0	0.0	0.0	42.6	0.0	29.3	0.0	15.8	0.0	0.0	0.0	125.30	5.54
	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	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	9.0	0.0	0.0	0.0	9.18	0.46
	Watermelon	0.0	0.0	0.0	0.0	158.5	0.0	783.0	0.0	537.8	0.0	0.0	0.0	1539.25	14.82
	Sweetmelon	4.5	0.0	0.0	0.0	0.0	0.0	9.2	0.0	0.0	0.0	0.0	0.0	13.71	0.62
	Lettuce Iceberg	5.0	0.0	5.0	0.0	10.0	0.0	10.0	0.0	10.0	0.0	10.0	0.0	50.62	2.50

Table 1A. continues....

CENTRAL	Beetroot	15.0	0.0	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.00	1.45
	English Cucumbers	32.0	0.0	66.0	0.0	131.8	0.0	127.5	0.0	131.8	0.0	131.8	0.0	620.90	10.90
	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	0.30
	Watermelon	0.0	0.0	96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	96.00	1.52
	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 Iceberg	36.3	0.0	34.0	0.0	62.5	0.0	62.5	0.0	62.5	0.0	52.0	0.0	282.25	11.25
SOUTH AND ORANGE RIVER	Beetroot	170.0	0.0	0.0	0.0	50.0	0.0	40.0	0.0	40.0	0.0	0.0	0.0	170.00	4.00
	English Cucumbers	0.0	5.0	0.0	5.0	0.0	10.0	0.0	10.0	0.0	10.0	0.0	0.0	40.00	1.00
	Sweet Potatoes	90.0	0.0	120.0	0.0	60.0	0.0	60.0	0.0	51.0	0.0	0.0	0.0	381.00	5.50
	Watermelon	0.0	0.0	0.0	0.0	176.0	0.0	1107.0	0.0	1147.0	0.0	406.0	0.0	2836.00	39.20
	Sweetmelon	0.0	0.0	0.0	0.0	0.0	0.0	323.0	0.0	308.0	0.0	20.0	0.0	715.00	10.50
	Lettuce Iceberg	10.0	0.0	10.0	0.0	10.0	0.0	10.0	0.0	10.0	0.0	5.0	0.0	55.00	1.10
Total expected production per crop per month	Beetroot	286.2	0.0	3.3	0.0	133.4	0.0	69.7	0.0	55.8	0.0	0.0	0.0	420.43	16.62
	English Cucumbers	32.0	5.0	66.0	5.0	131.8	10.0	127.5	10.0	131.8	10.0	131.8	0.0	660.90	11.90
	Sweet Potatoes	127.4	0.0	165.9	0.0	189.8	0.0	128.4	0.0	100.4	0.0	10.0	0.0	721.99	28.05
	Watermelon	13.2	0.0	165.7	0.0	767.6	0.0	2049.2	0.0	1698.0	0.0	406.0	0.0	5159.77	79.23
	Sweetmelon	4.5	0.0	2.3	0.0	6.3	0.0	340.2	0.0	308.0	0.0	20.0	0.0	746.39	12.93
	Lettuce Iceberg	51.8	0.0	49.0	0.0	82.5	0.0	82.5	0.0	82.5	0.0	67.5	0.0	388.37	14.88

Source: NAB 2022

Table 1B: shows the expected tonnage for Mushroom, Cauliflower and Broccoli as monitored crops

Table 1B: Monthly expected production per area, per crop for the period 01 Sep 2022 - 31 Jan 2023													
Numbers in the table below represents tonnage expected to harvested for local and export market												Last updated: 20 Aug2022	
PRODUCTION AREAS	CROPS	Sep-22		Oct-22		Nov-22		Dec-22		Jan-23		Total (for the 5 months period)	
		Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Yield	Ha to be harvested
CENTRAL	Cauliflower	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.50	2.30
	Broccoli	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.00	2.20
	Mushroom	17.0	0.0	17.0	0.0	16.0	0.0	18.0	0.0	16.0	0.0	81.00	1.00
		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	0.00	0.00
		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	38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.00	1.55
	Broccoli	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.00	1.40
	Mushroom	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	0.00	0.00
		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	0.00	0.00
Total expected production per crop per month	Cauliflower	56.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.50	3.87
	Broccoli	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.00	3.60
	Mushroom	17.0	0.0	17.0	0.0	16.0	0.0	18.0	0.0	16.0	0.0	81.00	1.00
		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	0.00	0.00
		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 2022



### 3. EXPECTEDCTED AVAILABILITY PER PRODUCER

Table 2A below, shows the expected month of availability for the 6 special controlled crops from different production zones.







TABLE: 2A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
KEYS : BEETROOT  ENGLISH CUCUMBER  SWEET POTATO  WATERMELON  SWEETMELON  LETTUCE ICEBERG 																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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			MARKET			1-15 Sep -22					16-31 Sep -22					Oct-22					Nov-22					Dec-22					Jan-23																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
NAME OF PRODUCER			I n f o r m a l	F o r m a l	E x p o r t	Beetroot	English Cucumber	Sweet Potato	Watermelon	Sweet melon	Lettuce Iceberg	Beetroot	English Cucumber	Sweet Potato	Watermelon	Sweet melon	Lettuce Iceber	Beetroot	English Cucumber	Sweet Potato	Watermelon	Sweet melon	Lettuce Iceber	Beetroot	English Cucumber	Sweet Potato	Watermelon	Sweet melon	Lettuce Iceber	Beetroot	English Cucumber	Sweet Potato	Watermelon	Sweet melon	Lettuce Iceber																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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1	Bernard Silwabubi		✓	✓																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													



Table 2A continues.....


































































































NORTH CENTRAL AREA																																						
NAME OF A PRODUCER		Local Informal	Local Formal	Export	1-15 Sep 2022					16-30 Sep 2022					Oct-22					Nov-22					Dec-22					Jan-23								
1	Abasai Amashili	✓	✓																																			
2	Ananias Theophelus	✓	✓																																			
3	Andreas Ashimbanga	✓	✓																																			
4	Elifas Nuuyoma	✓	✓																																			
5	Emilie Marais	✓	✓																																			
6	Emily Naunyang	✓	✓																																			
7	Epafras Hilengwa	✓	✓																																			
8	Etunda GSIP Small Scale	✓	✓																																			
9	Eugene Eugene	✓	✓																																			
10	Hafeni Hango	✓	✓																																			
11	Host K lipumbu	✓	✓																																			
12	Immanuel Hedimbi	✓	✓																																			
13	Innocent Kalola	✓	✓																																			
14	J Steyn	✓	✓																																			
15	Johanae Shilongo	✓	✓																																			
16	Johanness Naindjala	✓	✓																																			
17	John Mkota	✓	✓																																			
18	Junias Mwafekelange	✓	✓																																			
19	Moses Shambwila	✓	✓																																			
20	Noa Hanyanya	✓	✓																																			
21	Onesmus Nepembe	✓	✓																																			
22	Patrisius Ndidalelwa	✓	✓																																			
23	Paulus Amutenya	✓	✓																																			
24	Paulus Kapia	✓	✓																																			
25	Paulus Kapuka	✓	✓																																			
26	Paulus Titus	✓	✓																																			
27	Reinehilde Shikonda	✓	✓																																			
28	Sacky Shilyomuntu	✓	✓																																			
29	Shetuuka Shetuuka	✓	✓																																			
30	Simeon Haihambo	✓	✓																																			
31	Simeon Negumbo	✓	✓																																			
32	Susan Sheehama	✓	✓																																			
33	Theophilus Ekandjo	✓	✓																																			
34	Tobias Handunge	✓	✓																																			
35	Toivo Shivute	✓	✓																																			

Table 2A continues.....

KARSTLAND AREA																																			
NAME OF A PRODUCER		Local Informal	Local Formal	Export	1-15 Sep 2022					16-30 Sep 2022					Oct-22					Nov-22					Dec-22					Jan-23					
1	Albertina Paulus	√	√																																
2	Basie Prinsloo	√	√																																
3	Christian A Barry	√	√																																
4	Elizabeth Nekundi	√	√																																
5	Fanuel Uugwanga	√	√																																
6	Geofrey Shekupe	√	√																																
7	Georgy Groenewald	√	√																																
8	Hannes Arrangies	√	√																																
9	Hilma Jacob	√	√																																
10	Jan Cronje	√	√																																
11	Jan Haneb	√	√																																
12	JM van der Merwe	√	√																																
13	Johannes Muronga	√	√																																
14	John Shaetonhodi	√	√																																
15	Mavuto Mwanza	√	√																																
16	Munyaradzi Murwira	√	√																																
17	Ndinelago Tshiguuo	√	√																																
18	Neil Jacobz	√	√																																
19	Paulus Halwoodi	√	√																																
20	Pendafulle Helao	√	√																																
21	Peter Kawana	√	√																																
22	Sion Petrus Shikufinde	√	√																																
23	Stefan Du Plessis	√	√																																
24	Tiaan de Lange	√	√																																
25	Wedeinge Shofotoka	√	√																																

Table 2A continues.....

CENTRAL AREA																			
NAME OF A PRODUCER	Local Informal	Local Formal	Export	1-15 Sep 22				16-31 Sep 2022				Oct-22				Nov-22			
1 Anton/Liza Koekemor	✓	✓																	
2 Deborah Walliser	✓	✓																	
3 Dina Strauss	✓	✓																	
4 Ferdinand Nghiyolwa	✓	✓																	
5 Groenewaldt Hueston	✓	✓																	
6 Grunnar Waldschmidt	✓	✓																	
7 Henk Pieters	✓	✓																	
8 Jaco Thomas	✓	✓																	
9 Jaco van Westhuizen	✓	✓																	
10 Jeanine Botes	✓	✓																	
11 Johanness Meyer	✓	✓																	
12 John Katjaita	✓	✓																	
13 Lothar Kollimitz	✓	✓																	
14 Mwahafa Ndilula	✓	✓																	
15 Roy Mushwena	✓	✓																	
16 Sem Nepando	✓	✓																	
17 Stiaan Cleote	✓	✓																	
SOUTH AND ORANGE RIVER AREAS																			
NAME OF PRODUCER	Local Informal	Local Formal	Export	1-15 Sep-22				16-30 Sep -22				Oct-22				Nov-22			
1 Abe Oliver			✓																
2 Elamerie van Rensburg	✓	✓																	
3 Francois van Rensburg	✓	✓																	
4 Harmse Burger	✓	✓																	
5 Hentie van Dyk	✓	✓																	
6 Herman Van Dyk	✓	✓																	
7 Hoekes van Niekerk	✓	✓																	
8 Jimmy O Kennedy	✓	✓																	
9 Johan Roux	✓	✓																	

*Table 2A continues....*

[illegible]

Source: NAB 2022

Table 2B shows the availability of mushroom, broccoli and cauliflower as monitored crops.

[illegible]

Source: NAB 2022

#### 4. EXPECTED PRODUCTION AND DEMAND ANNALYSIS

##### 4.1 TABULATION ANALYSIS OF DOMESTIC DEMAND

According to table 3A, sufficient local supply of Sweet Potatoes and Lettuce is expected during the forecasted period. Beetroots will only be sufficient during the first two weeks of the forecast while English cucumber only in the last two weeks of the forecasted period.

<b>Table 3A: Analysis of the total expected tonnage for domestic market versus domestic demand.</b>								
<b>Numbers in this table represents tonnage expected to harvested for local and export market</b>								
<b>Last updated: 20 Aug 2022</b>								
<b>Crops</b>	<b>Expected Surplus or Shortage</b>	<b>1-15 Sep 22</b>	<b>16-30 Sep 22</b>	<b>Oct-22</b>	<b>Nov-22</b>	<b>Dec-22</b>	<b>Jan-23</b>	<b>Total</b>
<b>Beetroot</b>	Expected Tonnage for domestic market	286	3	133	70	56	0	<b>545</b>
	Average Domestic Demand (2021)	52.5	52.5	105	105	105	105	<b>473</b>
	Surplus / shortage (Tonnage)	234	-49	28	-35	-49	-105	<b>73</b>
<b>English Cucumber</b>	Expected Tonnage for domestic market	32	66	132	128	132	132	<b>555</b>
	Average Domestic Demand (2021)	50	50	100	100	100	100	<b>450</b>
	Surplus / shortage (Tonnage)	-18	16	32	28	32	32	<b>105</b>
<b>Sweet Potato</b>	Expected Tonnage for domestic market	127	166	190	128	100	10	<b>556</b>
	Average Domestic Demand (2021)	60	60	120	120	120	120	<b>540</b>
	Surplus / shortage (Tonnage)	67	106	70	8	-20	-110	<b>16</b>
<b>Watermelon</b>	Expected Tonnage for domestic market	13	117	768	2049	1698	406	<b>4934</b>
	Average Domestic Demand (2021)	100	100	200	200	200	200	<b>900</b>
	Surplus / shortage (Tonnage)	-87	17	568	1849	1498	206	<b>4034</b>
<b>Sweet melon</b>	Expected Tonnage for domestic market	5	2	6	340	308	20	<b>679</b>
	Average Domestic Demand (2021)	35	35	80	80	80	80	<b>355</b>
	Surplus / shortage (Tonnage)	-31	-33	-74	260	228	-60	<b>324</b>
<b>Lettuce Iceberg</b>	Expected Tonnage for domestic market	52	49	83	83	83	68	<b>367</b>
	Average Domestic Demand (2021)	35	35	75	75	75	75	<b>335</b>
	Surplus / shortage (Tonnage)	17	14	8	8	8	-8	<b>32</b>

Source: NAB 2022

Table 3B indicate the total availability tonnage of Mushroom, Cauliflower and Broccoli as monitored crops.

Table 3B: Analysis of the total expected tonnage for domestic market versus domestic demand.							
Crops	Expected <b>Surplus</b> or <b>Shortage</b>	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Total
<b>Cauliflower</b>	Expected Tonnage for domestic market	57	0	0	0	0	<b>57</b>
	Average Domestic Demand (2021)	25	25	25	25	25	<b>125</b>
	<b>Surplus</b> / <b>shortage</b> (Tonnage)	<b>32</b>	<b>-25</b>	<b>-25</b>	<b>-25</b>	<b>-25</b>	<b>-69</b>
<b>Broccoli</b>	Expected Tonnage for domestic market	40	0	0	0	0	<b>40</b>
	Average Domestic Demand (2021)	20	20	20	20	20	<b>100</b>
	<b>Surplus</b> / <b>shortage</b> (Tonnage)	<b>20</b>	<b>-20</b>	<b>-20</b>	<b>-20</b>	<b>-20</b>	<b>-60</b>
<b>Mushroom</b>	Expected Tonnage for domestic market	17	17	16	18	16	<b>84</b>
	Average Domestic Demand (2021)	15	15	15	15	15	<b>75</b>
	<b>Surplus</b> / <b>shortage</b> (Tonnage)	<b>2</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>9</b>

Source: NAB 2022

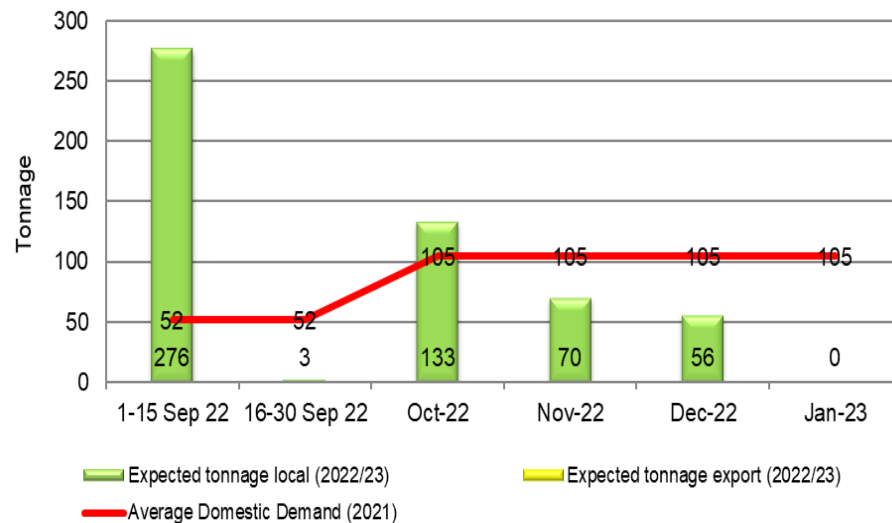


## 5 GRAPHICAL ANALYSIS

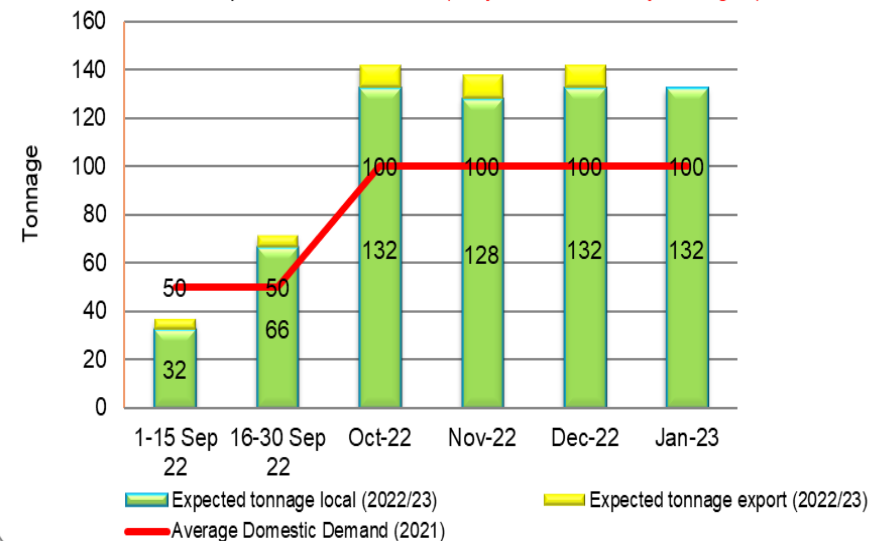
Figure 5 and 8 shows that there will be sufficient local supply for Lettuce and Sweet potatoes for the forecasted period as illustrated in the graphs below. Beetroots will be sufficient for the first two weeks of the forecast as indicated in figure 3. Figure shows that 10% of the production of English cucumbers will be exported during the forecasted period.



**Figure 3: Beetroots**-production tonnage expected for local and export markets, versus average domestic demand for the period- 01 Sep 2022 - 31 Jan 2023 (subjected to monthly changes)



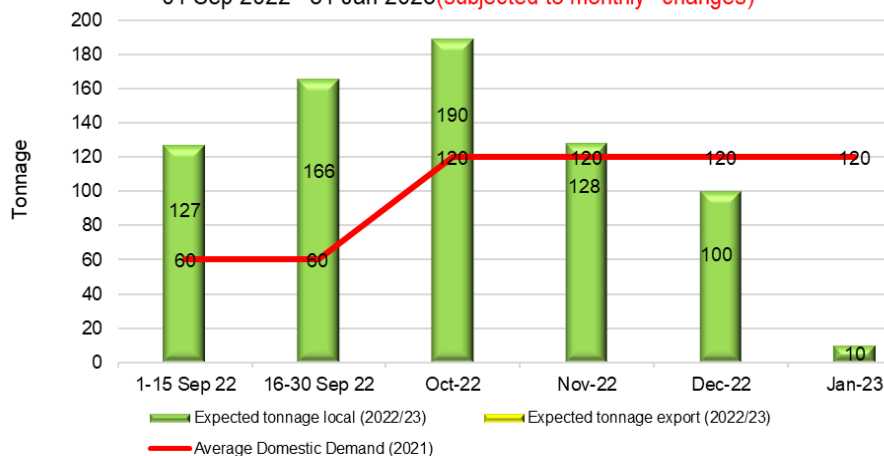
**Figure 4: English Cucumber**-production tonnage expected for local and export markets versus average domestic demand for the period- 01 Sep 2022- 31 Jan 2023 (subjected to monthly changes)



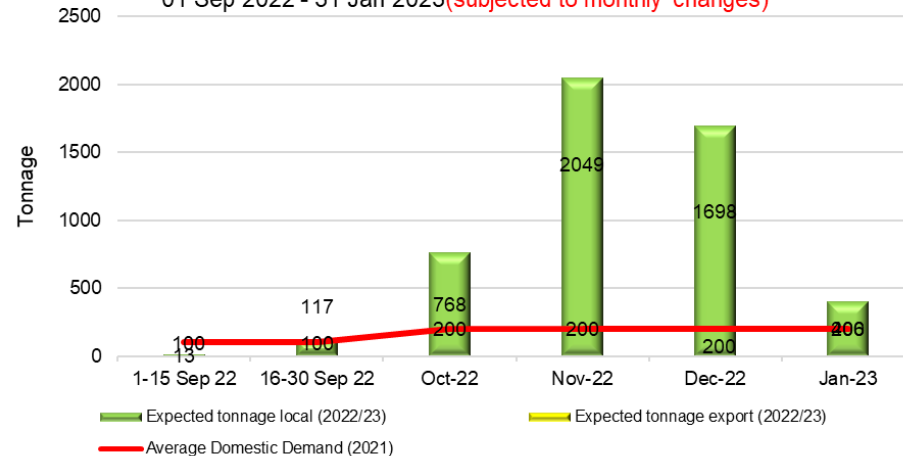
Graphical analysis continues.....



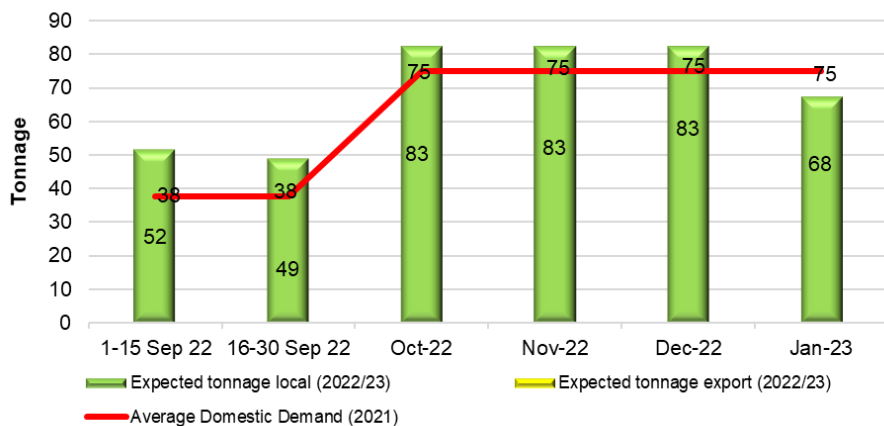
**Figure 5: Sweet Potatoes**-production tonnage expected for local and export markets, versus average domestic demand for the period- 01 Sep 2022 - 31 Jan 2023 (subjected to monthly changes)



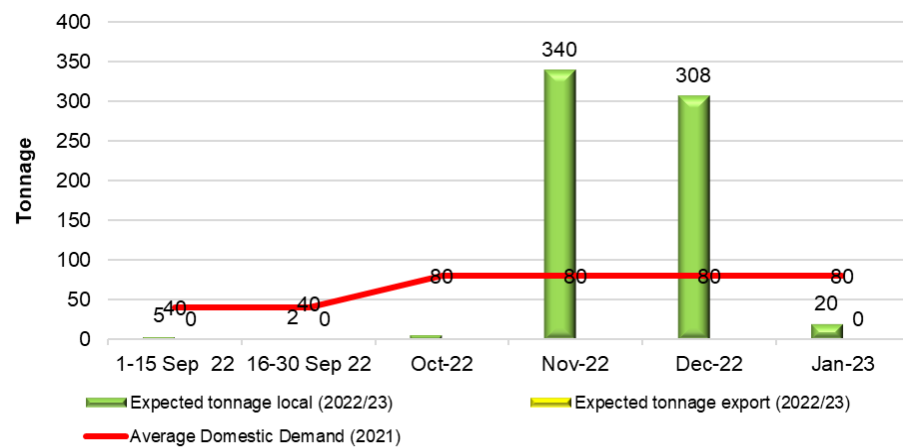
**Figure 6: Watermelon**-production tonnage expected for local and export markets, versus average domestic demand for the period- 01 Sep 2022 - 31 Jan 2023 (subjected to monthly changes)



**Figure 8: Lettuce Iceberg** production tonnage expected for local and export markets, versus average domestic demand for the period- 01 Sep 2022 - 31 Jan 2023 (subjected to monthly changes)

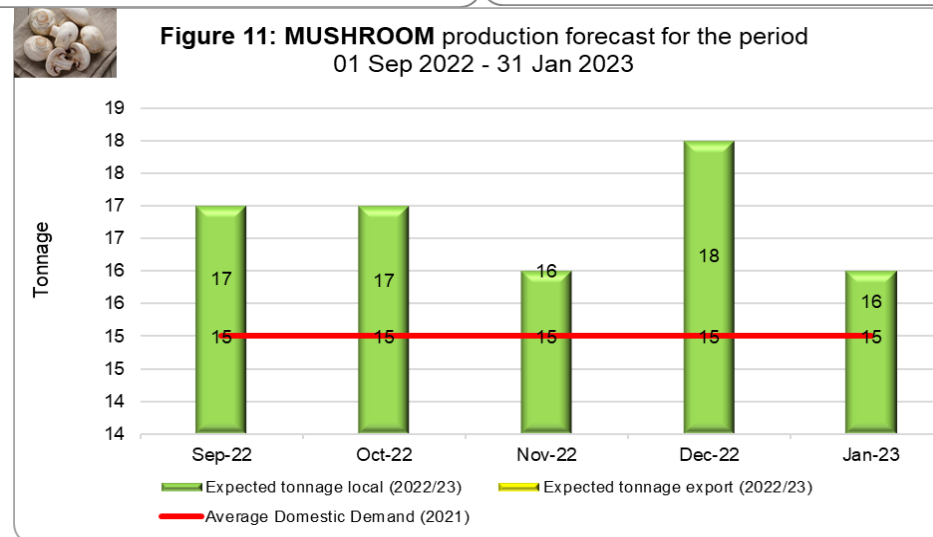
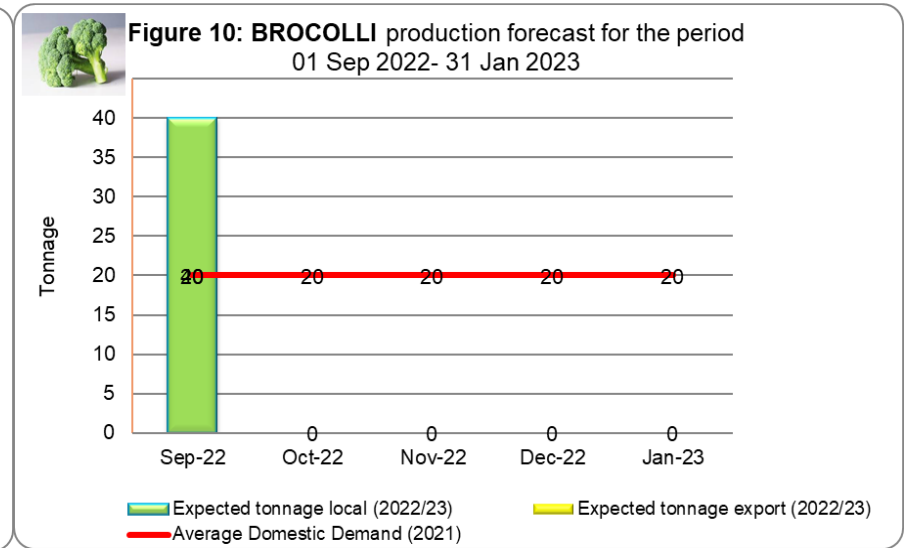
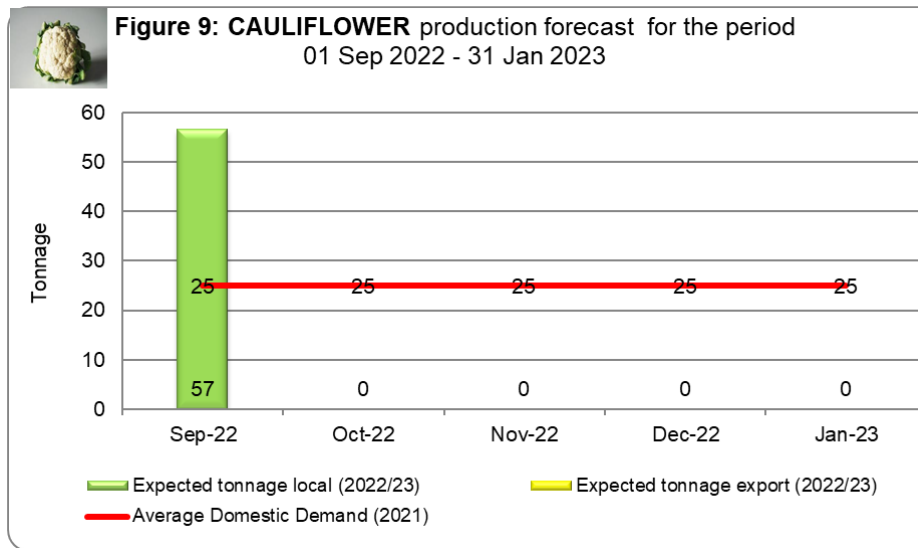


**Figure 7: Sweetmelon** production tonnage expected for local and export markets, versus domestic demand for the period- 01 Sep 2022 - 31 Jan 2023 (subjected to monthly changes)



Source: NAB 2022

**Figure 9,10 and 11** shows available local tonnage of Cauliflower, Broccoli and Mushroom as monitored crops. Furthermore, it highlights that broccoli, Cauliflower will be sufficient in the month of September 2022 while mushroom will be sufficient for the entire projected forecast.



Source: NAB 2022

## 6. CONCLUSION and RECOMENDATIONS

The report indicates that there will be sufficient local supply of Lettuce (Iceberg) and Sweet Potatoes (**refer to table3, figure 5 and 8**). Hence the borders will be closed for Lettuce and Sweet Potatoes except (**1-2 kg sizes**) for the special import permit period 1-30 September 2022. Beetroots will only be closed from **1-15<sup>th</sup> September 2022** while English cucumbers will be opened on 30% pro lata from **1-15<sup>th</sup> September 2022 only**.

Watermelon and Sweetmelon will be opened on 100% basis special import permit period 1-30 September 2022. Please note that, import restriction will be revised during the reporting period and the industry will be notified accordingly. The revision decision will however depend on the updated production data received from the producers. Hence, producers are encouraged to immediately notify NAB voluntarily in cases of deviations from cropping program or in the event of crop failure due to factors beyond producers' control. On the other hand, Traders are encouraged to contact the local producers indicated in Table 1 A& B (**availability calendar**) to arrange for local purchases and comply with their 47% MSP requirements.

Mushroom, Broccoli and cauliflower are currently monitored for possible addition to the Special Controlled Product scheme (SCP) in future. However, for these crops to be added to the SCP scheme will be determined by local production volume and supply if it meets the domestic demand for each month.

[illegible]