



Butternuts



Cabbage



Gem Squash



Onions



Potatoes



Pumpkins



Garlic



HORTICULTURE: VEGETABLE PRODUCTION FORECAST

REPORT NO. 1

FORECASTED PERIOD:

01 AUGUST TO 31 DECEMBER 2022

Agronomy and Horticulture Market Development Division
Horticulture Market Development Subdivision

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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 covers **garlic** as a **monitored crop**. The production of the special controlled products is monitored by NAB and involves a 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 five (5) months and it is updated every month, while field verifications are carried out every quarter. 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 a sub-product type of special controlled products that do 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 (figures 1 to 6) analysis of 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 has 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 has 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 August to 31 December 2022														
Numbers in the table below represents tonnage													Last updated: 19 July 2022	
PRODUCTION AREAS	Special controlled and monitored crops	Aug-22			Sep-22		Oct-22		Nov-22		Dec-22		Total (for the 5 months period)	
		01-15 Aug 22 Local	16-31 Aug 22 Local	01-31 Aug 22 Export	Local	Export	Local	Export	Local	Export	Local	Export	Yield	Ha to be harvested
ZAMBEZI REGION	Butternuts	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
	Cabbage	15.00	20.32	0.00	32.44	0.00	7.44	0.00	0.85	0.00	0.00	0.00	76.06	2.06
	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	0.85	0.85	0.00	0.85	0.00	3.19	0.00	0.00	0.00	0.00	0.00	5.74	0.38
	Pumpkins	8.50	6.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.30	21.50
KAVANGO REGIONS	Butternuts	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
	Cabbage	19.13	35.09	0.00	18.57	0.00	2.98	0.00	0.00	0.00	0.00	0.00	75.76	2.63
	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	11.90	13.43	0.00	57.80	0.00	38.25	0.00	0.00	0.00	0.00	0.00	121.38	4.45
	Potatoes	39.53	38.25	0.00	2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.33	3.15
NORTH CENTRAL	Pumpkins	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
	Butternuts	22.78	16.15	0.00	11.39	0.00	26.86	0.00	0.00	0.00	0.00	0.00	77.18	4.58
	Cabbage	107.95	161.59	0.00	177.65	0.00	82.45	0.00	25.50	0.00	25.50	0.00	580.64	13.82
	Gem squash	0.00	0.00	0.00	1.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.70	0.10
	Onions	9.35	15.73	0.00	25.50	0.00	44.63	0.00	0.00	0.00	0.00	0.00	95.20	5.10
KARSTLAND	Pumpkins	8.93	4.25	0.00	9.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.53	0.63
	Butternuts	51.00	55.25	0.00	140.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	246.50	10.50
	Cabbage	225.68	326.83	0.00	473.45	0.00	244.80	0.00	205.70	0.00	205.70	0.00	1682.15	25.77
	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	393.55	621.35	272.00	742.05	85.00	73.10	0.00	0.00	0.00	0.00	0.00	2187.05	54.90
CENTRAL	Potatoes	1411.00	1423.75	170.00	1405.05	0.00	885.70	0.00	537.20	0.00	531.25	0.00	6363.95	157.20
	Pumpkins	47.60	43.35	0.00	85.00	0.00	5.10	0.00	0.00	0.00	0.00	0.00	181.05	4.80
	Butternuts	0.00	0.00	0.00	44.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.20	1.50
	Cabbage	150.88	94.35	0.00	204.85	0.00	76.50	0.00	0.00	0.00	0.00	0.00	526.58	9.75
	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
SOUTH AND ORANGE RIVER	Onions	361.25	401.63	255.00	728.88	191.25	502.35	148.75	425.00	106.25	0.00	0.00	3120.35	75.45
	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	12.50
	Pumpkins	11.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.48	0.35
	Butternuts	5.95	0.00	86.70	0.00	86.70	0.00	0.00	0.00	0.00	0.00	0.00	179.35	6.98
	Cabbage	140.25	136.00	0.00	68.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	344.25	6.80
Total expected production tonnage per crop per month	Gem squash	0.00	0.00	56.95	0.00	56.10	0.00	0.00	0.00	0.00	0.00	0.00	113.05	6.66
	Onions	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	63.75	46.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	110.50	2.60
	Butternuts	80	71	87	196	87	27	0	0	0	0	0	547	24
	Cabbage	659	774	0	975	0	414	0	232	0	231	0	3285	61
	Gem Squash	0	0	57	2	56	0	0	0	0	0	0	115	7
	Onions	777	1053	527	1555	276	662	149	425	106	0	0	5530	140
Total expected production tonnage per crop per month	Potatoes	1451	1462	170	1408	0	886	0	537	0	531	0	6444	173
	Pumpkins	140	101	0	94	0	5	0	0	0	0	0	341	30
Total expected production tonnage per crop per month	Garlic	6.5			21.1	0	19.4	0	7	0	3.5	0	57.5	8.03

Source: NAB, 2022

3. AVAILABILITY OF THE EXPECTED CROPS PER PRODUCERS

Table 3A shows the 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 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 August to 31 December 2022 Last updated: 19 July 2022																																								
Contact Person		Target Market			01-15 Aug 2022						16-31 Aug 2022						Sep-22						Oct-22						Nov-22						Dec-22					
		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	Bernard Lilungwe	✓	✓																																					
2	Bernard Sitali	✓	✓																																					
3	Benedict Musialike	✓	✓																																					
4	Clemens Makumbi	✓	✓																																					
5	Clement Mulyokela	✓	✓																																					
6	Davis Mushitu	✓	✓																																					
7	Edwin Kawana	✓	✓																																					
8	George Nalisa	✓	✓																																					
9	George Sauriri	✓	✓																																					
10	Jonathan Kamwi	✓	✓																																					
11	Joseph Simataa	✓	✓																																					
12	Joseph Simwanza	✓	✓																																					
13	Lucious Chata	✓	✓																																					
14	Makata Humphery	✓	✓																																					
15	Mutakalilumo M. Jane	✓	✓																																					
16	Moddest Kakula	✓	✓																																					
17	Nawa Sikanda	✓	✓																																					
18	Ngalaule Pelekelo	✓	✓																																					
19	Paul Pitiya	✓	✓																																					
20	Raphael Kachana	✓	✓																																					
21	Rector Mutelo	✓	✓																																					
22	Sijona Obby	✓	✓																																					
23	Vincent Siliye	✓	✓																																					

Table 3A continues.....

KAVANGO																																		
Contact Person		Local Informal	Local Formal	Export	01-15 Aug 2022					16-31 Aug 2022					Sep-22					Oct-22					Nov-22					Dec-22				
1	Adriano Mendes	✓	✓																															
2	Agatha Muronga	✓	✓																															
3	Andrew Kashera	✓	✓																															
4	Annamarie Shipapo	✓	✓																															
5	Asser Haitewa	✓	✓																															
6	Augustinus Poroto	✓	✓																															
7	Felismina Kaumba	✓	✓																															
8	Henrick Locke	✓	✓																															
9	Lazarus Nande	✓	✓																															
10	Nangolo Henock Katanga	✓	✓																															
11	Nicky Mupetami	✓	✓																															
12	Pius Kapirika	✓	✓																															
13	Raphael Kampanza	✓	✓																															
14	Manfred Thikusho	✓	✓																															
15	Virginia Mukoya	✓	✓																															
16	Wilhelm Ndungula	✓	✓																															












































NORTH CENTRAL																																	
1	Abisai Amashili	✓	✓																														
2	Andreas Ashimbanga	✓	✓																														
3	Elifas Nuuyoma	✓	✓																														
4	Emile Marais	✓	✓																														
5	Emily Naunyango	✓	✓																														
6	Epafras Hilengwa	✓	✓																														
7	Etunda S&M Scale	✓	✓																														
8	Eugen Eugen	✓	✓																														
9	Immanuel Hambiya	✓	✓																														
10	Johannes Naindjala	✓	✓																														
11	Johannes Kalenga	✓	✓																														
12	Junias Mwafekelange	✓	✓																														
13	J. Steyn	✓	✓																														
14	Ndasilohenda Nakashwa	✓	✓																														
15	Noa Hanyanya	✓	✓																														
16	Paulus Amutenya	✓	✓																														
17	Paulus Kapia	✓	✓																														
18	Paulus Titus	✓	✓																														
19	Petrus Matheus	✓	✓																														

Table 3A continues.....

Table 3B shows the 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 the Zambezi and the 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 August to 31 December 2022				Last updated: 19 July 2022		
NAME OF PRODUCER	01-15 Aug 22	16-31 Aug 22	Sep-22	Oct-22	Nov-22	Dec-22
Zambezi Area						
1 George Sauriri						
Central Area						
1 Chrisman Stander						
2 Cornelius C Kuhn						
3 Gerhard Truter						
4 Henk Peters						
5 Jaco Thomas						
6 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 01-31 August 2022. **Table 4** further shows that; gem squashes are expected to be insufficient throughout this reporting period.

Table 4: ANALYSIS OF THE EXPECTED TONNAGE FOR DOMESTIC MARKET VERSUS AVERAGE DOMESTIC DEMAND								
Numbers in this table represents tonnage					Last updated: 19 July 2022			
Special Controlled Crops	Expected Surplus or Shortage	01-15 Aug 2022	16-31 Aug 2022	Sep-22	Oct-22	Nov-22	Dec-22	Total
Butternuts	Expected for domestic market	80	71	196	27	0	0	374
	Average domestic demand	54	54	108	108	108	108	538
	Surplus / shortage	26	18	88	-81	-108	-108	-164
Cabbage	Expected for domestic market	659	774	975	414	232	231	3285
	Average domestic demand	327	327	654	654	654	654	3269
	Surplus / shortage	332	447	321	-240	-422	-423	16
Gem Squash	Expected for domestic market	0	0	2	0	0	0	2
	Average domestic demand	27	27	54	54	54	54	271
	Surplus / shortage	-27	-27	-52	-54	-54	-54	-269
Onions	Expected for domestic market	777	1053	1555	662	425	0	4471
	Average domestic demand	292	292	585	585	585	585	2923
	Surplus / shortage	485	761	970	77	-160	-585	1548
Potatoes	Expected for domestic market	1451	1462	1408	886	537	531	6274
	Average domestic demand	1,144	1144	2288	2288	2288	2288	11438
	Surplus / shortage	307	318	-880	-1402	-1750	-1756	-5163
Pumpkins	Expected for domestic market	140	101	94	5	0	0	341
	Average domestic demand	33	33	65	65	65	65	327
	Surplus / shortage	108	68	29	-60	-65	-65	14

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, 2, 4, 5, and 6** below shows that the projected production tonnage for butternuts, cabbage, onions, potatoes, and pumpkins reserved for the local market is expected to be sufficient in August 2022. Whereas, **figure 3** shows that, gem squashes are expected to be insufficient throughout this reporting period.



Figure 1: Butternuts production tonnage expected for local and export markets, versus average domestic demand for the period - 01 August to 31 December 2022 (Subjected to monthly changes)

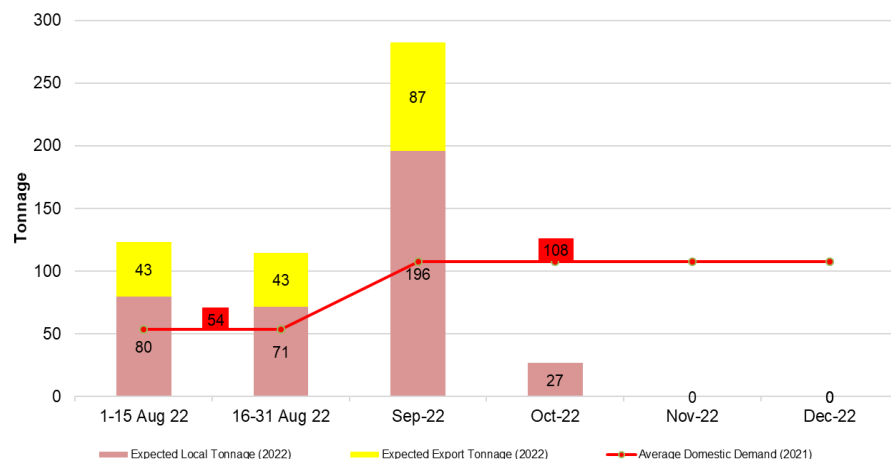


Figure 2: Cabbage production tonnage expected for local and export markets, versus average domestic demand for the period - 01 August to 31 December 2022 (Subjected to monthly changes)

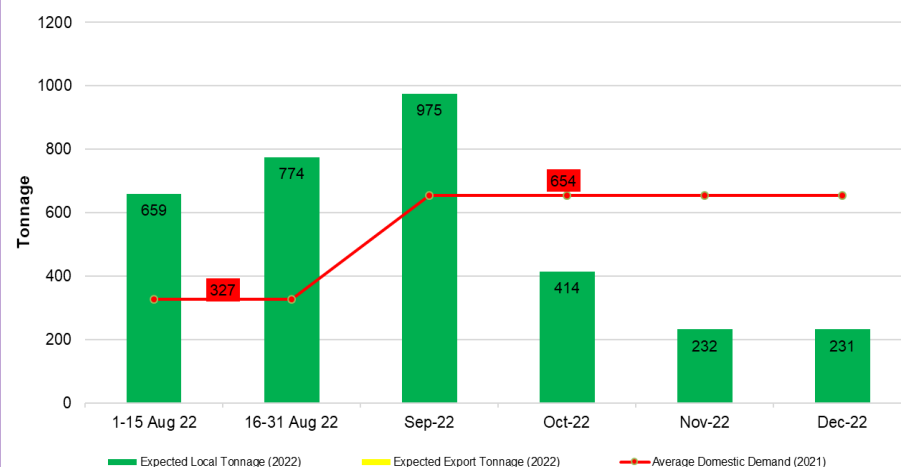


Figure 3: Gem Squash production tonnage expected for local and export markets, versus average domestic demand for the period - 01 August to 31 December 2022 (Subjected to monthly changes)

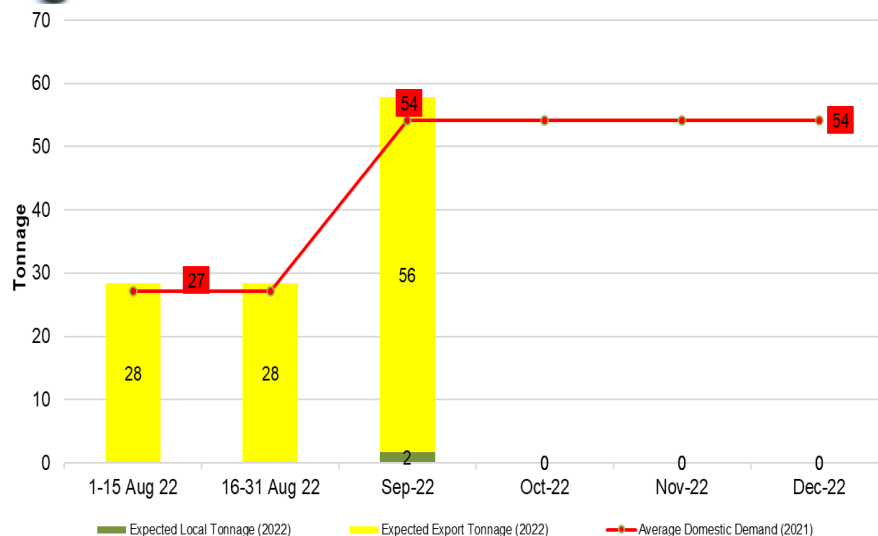
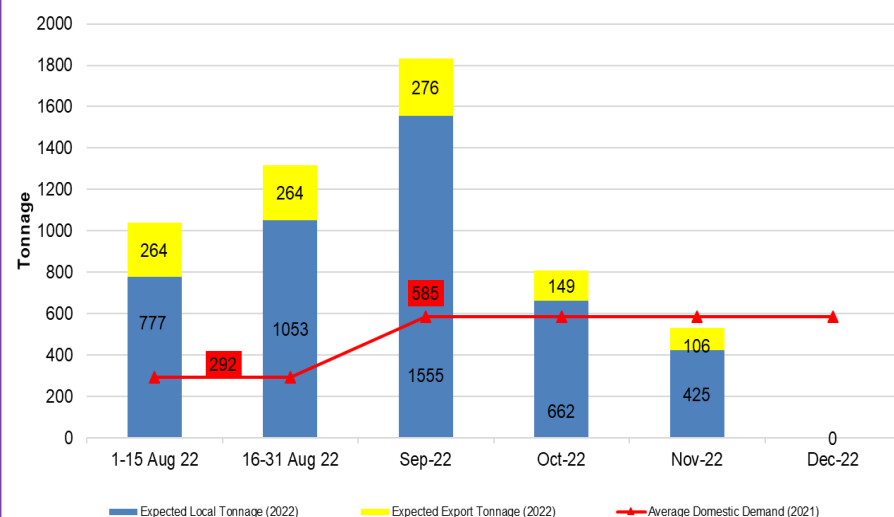


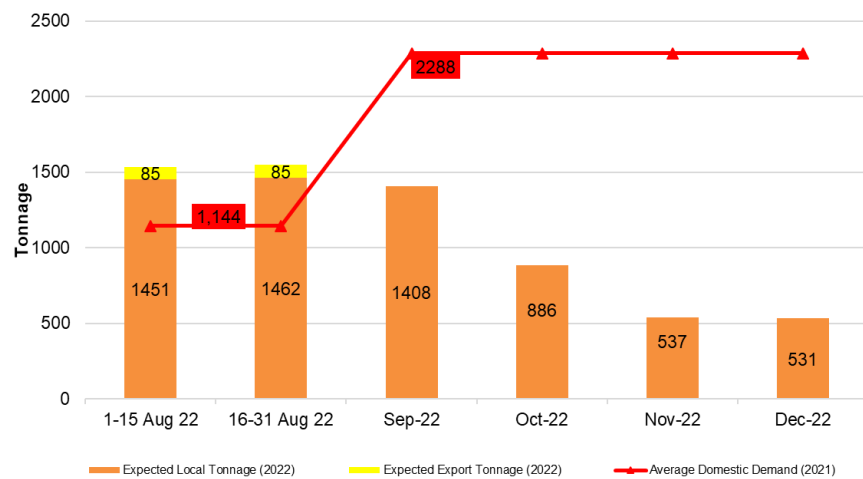
Figure 4: Onions production tonnage expected for the local and export markets, versus average domestic demand for the period - 01 August to 31 December 2022 (subjected to monthly changes)



Graphical analysis figures continue...



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

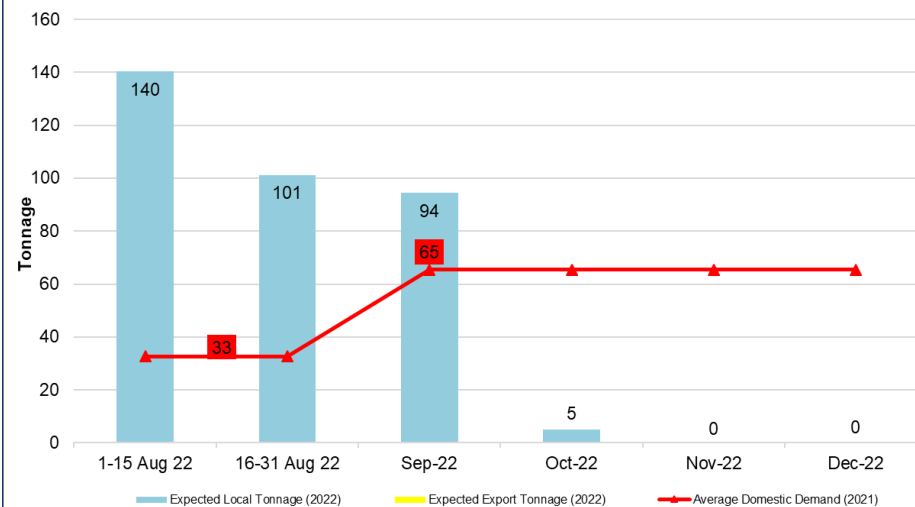
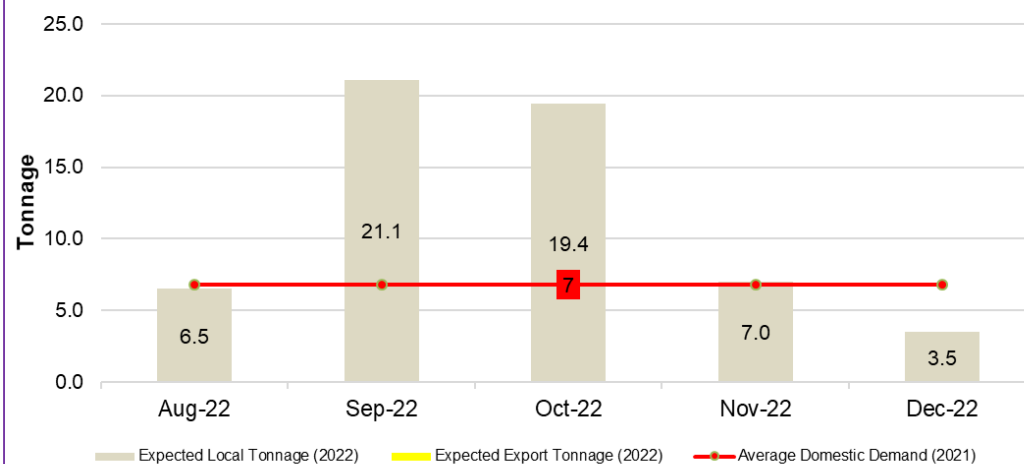


Figure A below shows that, the projected tonnage for garlic (**monitored crop**) is expected to be sufficient in August and September 2022.



Figure A: Garlic production forecasted expected for local market for the period - 01 August to 31 December 2022 (Subjected to monthly changes)



Source: NAB, 2022

5. CONCLUSIONS AND RECOMMENDATIONS

The report concludes that there will be a **sufficient local supply** of **butternuts, cabbage, onions, potatoes, and pumpkins** in August 2022. It is therefore recommended that the **borders be closed** to restrict the importation of these five (5) crops during the special permit period of **01-31 August 2022**.

The report further concluded that the country still expects a shortage of **gem squash** throughout this reporting period. It is therefore recommended that the **border be open** to allow the importation of gem squashes without restrictions; however, 47% of 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 in August however by September and October this product is expected to be sufficient. **Garlic** is still a monitored crop hence open/close border does not apply.

Traders are encouraged to ensure compliance with the 47% minimum Market Share Promotion requirement by buying more locally 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



HORTICULTURE: VEGETABLES PRODUCTION FORECAST

REPORT NO.2

FORECASTED PERIOD:

01 AUGUST 2022 TO 31 DECEMBER 2022

Agronomy and Horticulture Market Development Division

Horticulture Market Development Subdivision

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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 a 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 five (5) months and it is updated every month, while field verifications are carried out every quarter. 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 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. Therefore, this report discusses the controlled crops production forecasted per area, expected availability per producer, tabulation and graphical analysis of expected production versus local demand and subsequently the hectares planted an 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 types of tomatoes, i.e. Cherry, Cocktail, Bacio, Romanita, Rigoletto, Medley mix, etc. All colours.
2. Green Pepper	All size groups and container sizes 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 sizes 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 sizes 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 has 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 has 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, Carrot, Tomato Round, 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, is 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 Aug 22		16-31 Aug 22		Sep-22		Oct-22		Nov-22		Dec-22		Totals	
		Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Expected tonnage	Hectares planted
ZAMBEZI	Tomato Round	13.3	0.0	14.3	0.0	30.8	0.0	25.5	0.0	5.4	0.0	3.0	0.0	92.3	4.0
	Tomato Jam	0.3	0.0	0.3	0.0	3.9	0.0	3.5	0.0	0.9	0.0	0.0	0.0	8.9	0.3
	Carrot	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
	Green Pepper	1.0	0.0	1.0	0.0	1.2	0.0	1.2	0.0	1.2	0.0	0.0	0.0	5.6	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	0.0	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
	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	1.2	0.0	1.3	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.3
	Tomato Jam	1.3	0.0	1.1	0.0	1.5	0.0	1.3	0.0	0.0	0.0	0.0	0.0	5.2	0.3
	Carrot	0.0	0.0	0.5	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.1
	Green 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
	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	0.0	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
	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Tomato Jam	103.6	0.0	82.3	0.0	134.2	0.0	77.6	0.0	17.5	0.0	17.5	0.0	432.7	13.6
	Carrot	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.3
	Green Pepper	2.5	0.0	2.6	0.0	4.4	0.0	4.4	0.0	0.7	0.0	0.7	0.0	15.2	1.0
	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	0.2	0.0	0.2	0.0	0.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	1.9	0.3
	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	25.4	0.0	25.2	0.0	37.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88.4	4.7
	Tomato Jam	40.3	0.0	62.2	0.0	94.7	0.0	97.6	0.0	2.5	0.0	0.0	0.0	297.3	7.7
	Carrot	228.5	0.0	172.5	0.0	390.0	0.0	365.0	0.0	320.0	0.0	370.0	0.0	1846.0	53.5
	Green Pepper	0.9	0.0	1.0	0.0	1.2	0.0	0.2	0.0	6.2	0.0	6.2	0.0	15.8	1.0
	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	5.0	0.0	7.0	0.0	7.0	0.0	7.0	0.0	29.0	1.5
	Sweetcorn	18.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.6	7.8
CENTRAL	Tomato Round	29.3	0.0	29.3	0.0	18.4	0.0	0.4	0.0	0.4	0.0	0.4	0.0	78.4	1.9
	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	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
	Green Pepper	0.8	0.0	0.8	0.0	1.5	0.0	1.5	0.0	0.0	0.0	0.0	0.0	4.5	0.3
	Coloured Pepper	26.0	10.0	26.0	10.0	54.0	20.0	54.0	20.0	54.0	20.0	54.0	20.0	268.0	3.0
	Spinach	1.5	0.0	1.7	0.0	3.6	0.0	3.6	0.0	3.6	0.0	3.6	0.0	17.4	0.6
	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	145.5	233.0	145.5	233.0	487.5	466.0	487.5	466.0	22.5	0.0	22.5	0.0	1311.1	57.9
	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	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
	Green Pepper	23.5	0.0	23.5	0.0	154.6	0.0	154.3	0.0	77.5	0.0	0.0	0.0	433.3	26.2
	Coloured Pepper	8.3	2.0	8.3	2.0	55.0	14.6	0.0	0.0	0.0	0.0	0.0	0.0	71.5	8.8
	Spinach	0.5	0.0	0.0	0.0	0.9	0.0	0.9	0.0	0.9	0.0	0.9	2.0	4.1	0.1
	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
Total expected per crop per month	Tomato Round	214.7	233.0	215.6	233.0	576.2	466.0	513.4	466.0	28.4	0.0	25.9	0.0	1574.2	68.8
	Tomato Jam	145.5	0.0	145.9	0.0	234.4	0.0	180.0	0.0	20.9	0.0	17.5	0.0	744.1	21.9
	Carrot	228.5	0.0	179.0	0.0	390.8	0.0	365.0	0.0	320.0	0.0	370.0	0.0	1853.3	53.9
	Green Pepper	28.6	0.0	28.8	0.0	162.9	0.0	161.6	0.0	85.6	0.0	6.9	0.0	474.3	28.7
	Coloured Pepper	34.3	12.0	34.3	12.0	109.0	34.6	54.0	20.0	54.0	20.0	54.0	20.0	339.5	11.8
	Spinach	3.6	0.0	3.4	0.0	9.9	0.0	11.9	0.0	11.9	0.0	11.9	2.0	52.4	2.5
	Sweetcorn	18.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.6	7.75

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																																							
SN	Name of Producer	Local	Export	01 to 15 Aug 2022						16 to 31 Aug 2022						Sep-22						Oct-22						Nov-22						Dec-22					
				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	Agness Limbo	✓																																					
2	Agness Matongo	✓																																					
3	Charity Mulemwa Goaises	✓																																					
4	Andrew Inambao	✓																																					
5	Benedicts Musialike	✓																																					
6	Bernard Silwabubi	✓																																					
7	Clemens Makumbi	✓																																					
8	Clement Mulyokela	✓																																					
9	Cletius Mushaukwa	✓																																					
10	Davis Mushitu	✓																																					
11	Eustance Mujohn	✓																																					
12	Hans Matiti Fwelimbi	✓																																					
13	Jonathan Kamwi	✓																																					
14	Joseph Simataa	✓																																					
15	Kamwi Lubanda	✓																																					
16	Knox Salushando	✓																																					
17	Likezo Florance	✓																																					
18	Lucious Chata	✓																																					
19	Nanvula Lilungwe	✓																																					
20	Nawa Sikanda	✓																																					
21	Ntelamo Ibalelo	✓																																					
22	Paul Pitiya	✓																																					
23	Raphael Kachana	✓																																					
24	Rector Mutelo	✓																																					
25	Rosco Misika Lukubwe	✓																																					
26	Vincent Silive	✓																																					

Table 3 continued...

KARST AREA																											
				01 to 15 Aug 2022				16 to 31 Aug 2022				Sep-22				Oct-22				Nov-22				Dec-22			
1	Basie Prinsloo	✓																									
2	Chris Coston	✓																									
3	Clemens D Shifotoka	✓																									
4	David Shifotoka	✓																									
5	Ellenora Muranda	✓																									
6	Franklin Mate	✓																									
7	Gerhard Sachse	✓																									
8	Gregory Groenewald	✓																									
9	Jan Cronje	✓																									
10	P.J. Harmse	✓																									
11	Ludwig Kapingana	✓																									
12	Magano Kapia	✓																									
13	Mark von Maltizahl	✓																									
14	Morne Cronje	✓																									
15	Ricky Kukuri	✓																									
16	Ndingana Mupetami	✓																									
17	Neil Jacobz	✓																									
18	Pendafulle Hellao	✓																									
19	PT Erasmus	✓																									
20	Tommie Martinson	✓																									
CENTRAL AREA																											
				01 to 15 Aug 2022				16 to 31 Aug 2022				Sep-22				Oct-22				Nov-22				Dec-22			
1	Auguste Karkono	✓																									
2	Deborah Walliser	✓																									
3	Cornelius C Kuhn	✓																									
4	Roy Mushwena	✓																									
5	Helena Andrease	✓																									
6	Jaco van der Westhuizen	✓																									
7	Kevin Mwes	✓																									
8	Leonie Hartman	✓																									
9	Liza Koekermoer	✓	✓																								
SOUTH AND ORANGE RIVER AREA																											
				01 to 15 Aug 2022				16 to 31 Aug 2022				Sep-22				Oct-22				Nov-22				Dec-22			
1	Abie Oliveer	✓	✓																								
2	Albert Van de Merwe	✓	✓																								
3	Arthur Makhaza	✓																									
4	Hileni Nuugonya	✓																									
5	Vivian Inonge Mutwa	✓																									

Source: NAB, 2022

4. EXPECTED PRODUCTION VS DEMAND ANALYSIS

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 Colour Peppers is expected to be Sufficient in the entire permit period of 01 to 31 August 2022. While Spinach and Green Pepper will be insufficient in this permit period, from 01 to 31 August 2022.

Table 4A: EXPECTED PRODUCTION VERSUS DOMESTIC DEMAND ANALYSIS FOR SPECIAL CONTROLLED PRODUCTS								
		Numbers in this table represents Tonnage						
Crop	Expected Shortage or Surplus	01-15 Aug 22	16-31 Aug 22	Sep-22	Oct-22	Nov-22	Dec-22	TOTAL
Tomato Round	Expected for Domestic Market	214.7	215.6	576.2	513.4	28.4	25.9	1574.2
	Average Domestic Demand	108.2	108.2	216.4	216.4	216.4	216.4	1082.1
	Surplus /Shortage	106.5	107.4	359.8	297.0	-188.1	-190.5	492.1
Tomato Jam	Expected for Domestic Market	145.5	145.9	234.4	180.0	20.9	17.5	744.1
	Average Domestic Demand	12.1	12.1	24.2	24.2	24.2	24.2	121.0
	Surplus /Shortage	133.4	133.8	210.2	155.8	-3.3	-6.7	623.1
Carrot	Expected for Domestic Market	228.5	179.0	390.8	365.0	320.0	370.0	1853.3
	Average Domestic Demand	166.7	166.7	333.3	333.3	333.3	333.3	1666.6
	Surplus /Shortage	61.8	12.4	57.4	31.7	-13.3	36.7	186.7
Green Pepper	Expected for Domestic Market	28.6	28.8	162.9	161.6	85.6	6.9	474.3
	Average Domestic Demand	30.3	30.3	60.5	60.5	60.5	60.5	302.5
	Surplus /Shortage	-1.6	-1.5	102.3	101.1	25.1	-53.6	171.8
Colour Pepper	Expected for Domestic Market	34.3	34.3	109.0	54.0	54.0	54.0	339.5
	Average Domestic Demand	15.8	15.8	31.6	31.6	31.6	31.6	158.1
	Surplus /Shortage	18.4	18.4	77.4	22.4	22.4	22.4	181.4
Sweetcorn	Expected for Domestic Market	18.3	0.3	0.0	0.0	0.0	0.0	18.6
	Average Domestic Demand	12.2	12.2	24.3	24.3	24.3	24.3	121.7
	Surplus /Shortage	6.1	-11.9	-24.3	-24.3	-24.3	-24.3	-103.1
Spinach	Expected for Domestic Market	3.6	3.4	9.9	11.9	11.9	11.9	52.4
	Average Domestic Demand	11.2	11.2	22.4	22.4	22.4	22.4	112.1
	Surplus /Shortage	-7.6	-7.8	-12.6	-10.6	-10.6	-10.6	-59.7

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 a sufficient supply of Tomato Round, Tomato Jam, Carrot and Colour Pepper from 01 to 31 August 2022 permit period. The spinach and Green Pepper will be insufficient in this permit period.

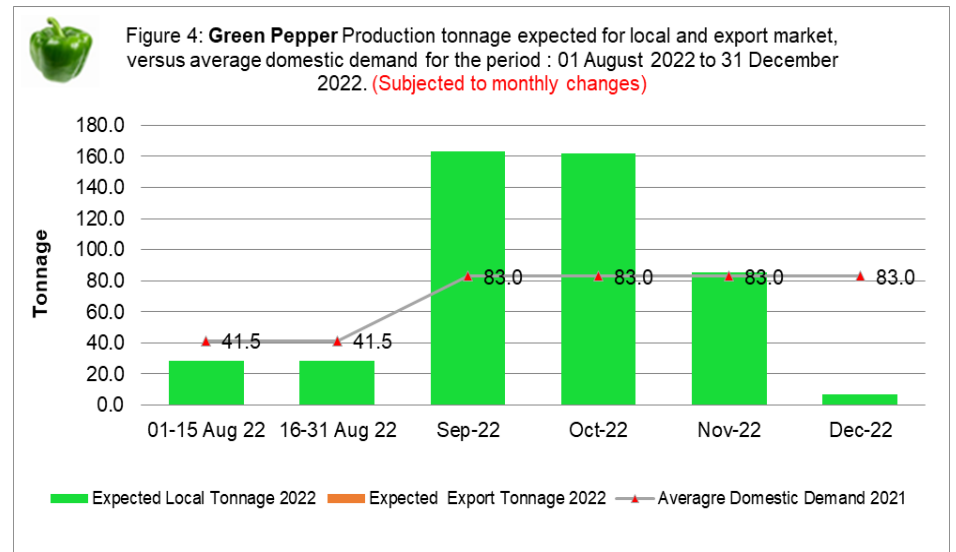
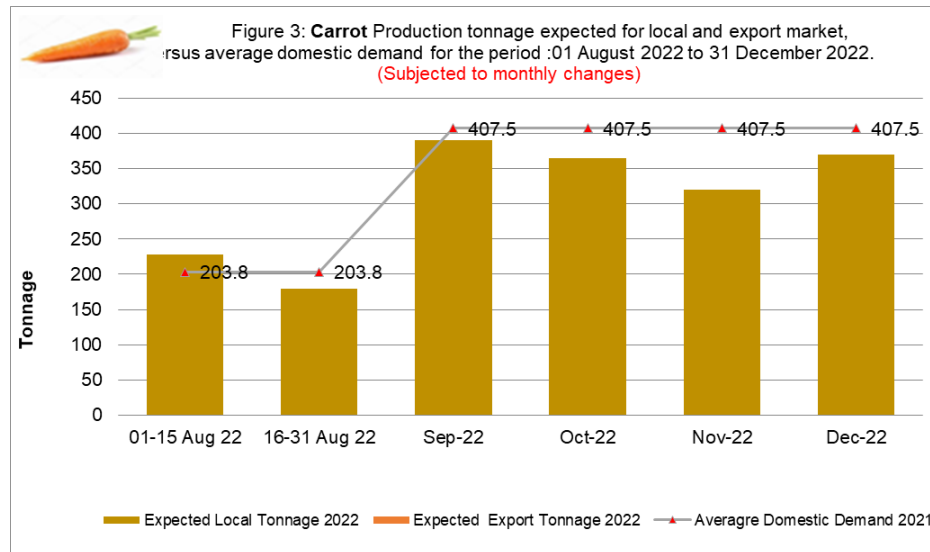
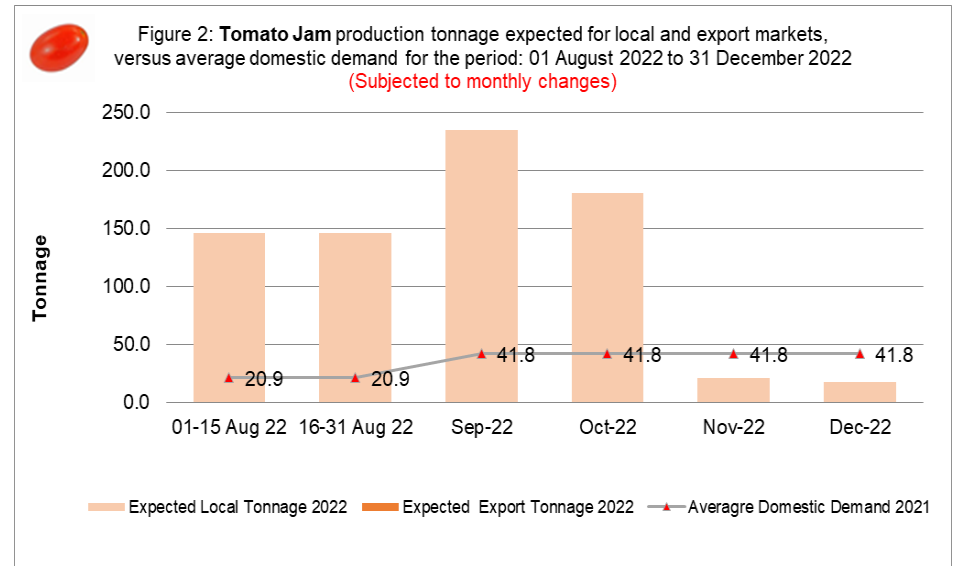
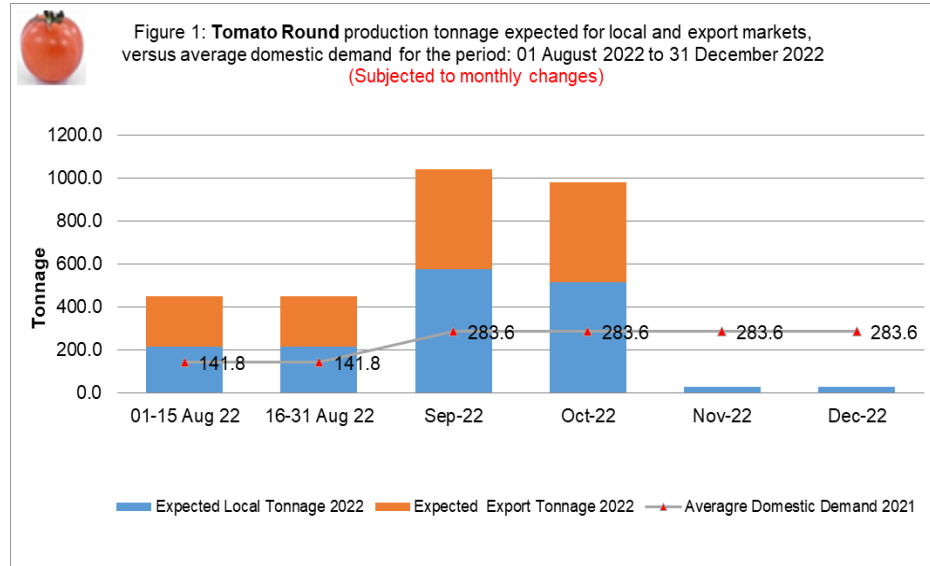




Figure 5: Sweetcorn Production tonnage expected for local and export market, versus average domestic demand for the period: 01 August 2022 to 31 December 2022. (Subjected to monthly changes)

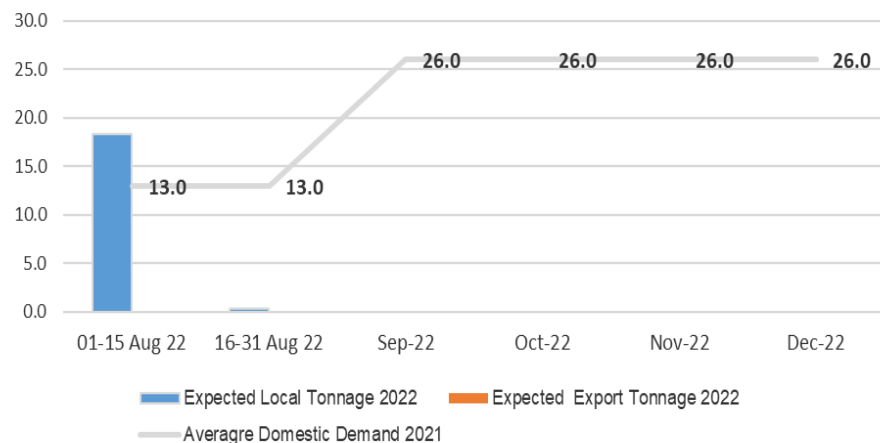


Figure 6: Colour Pepper Production tonnage expected for local and export market, versus average domestic demand for the period : 01 August 2022 to 31 December 2022. (Subjected to monthly changes)

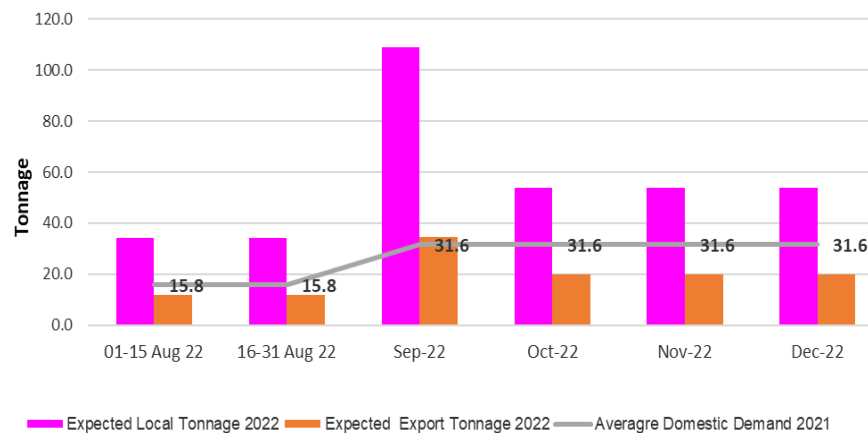
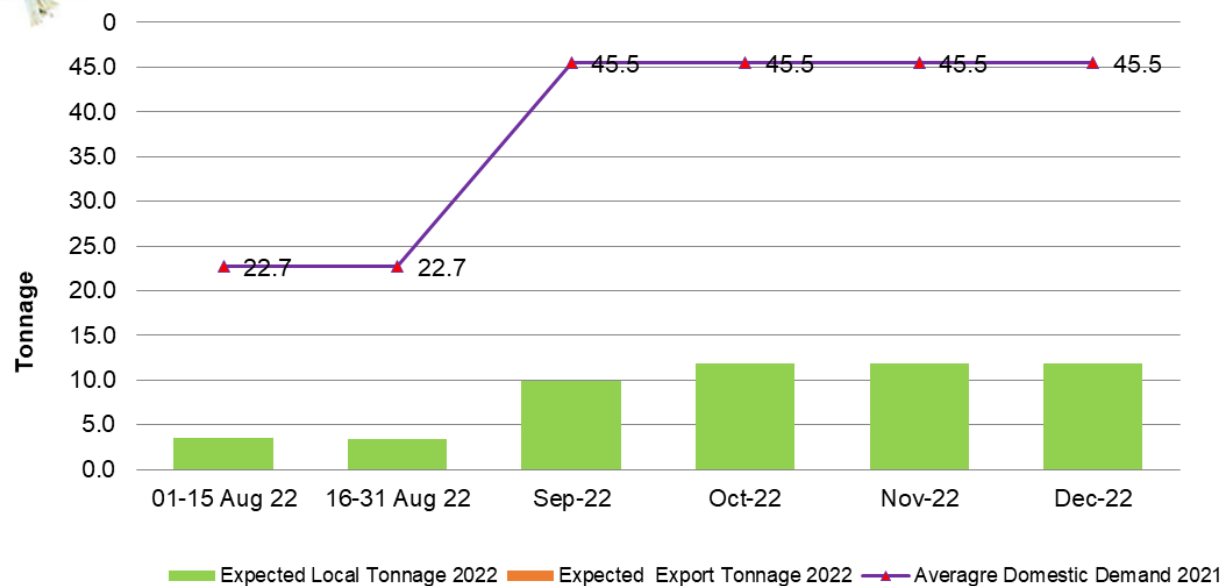


Figure 7 : Spinach Production tonnage expected for local and export market, versus average domestic demand for the period : 01 August 2022 to 31 December 2022. (Subjected to monthly changes)



5. CONCLUSIONS AND RECOMMENDATIONS

This report indicates a sufficient supply of Tomato Round, Tomato Jam, Carrot, and Colour Pepper for the entire special permit period of **01 to 31 August 2022**. It is therefore recommended that the above-mentioned products be closed for importation for the entire special permit period.

The report further shows an insufficient supply of Spinach, Green Pepper and Sweetcorn during the special permit period **01 to 31 August 2022**. It is therefore recommended that the border be opened on a pro-rata basis of 30%/70% (30% Imports and 70% Local purchase) Spinach and green peppers. While Sweetcorn will be closed in the first half from **01 to 15 August 2022**, **this is because producers have enough volume to meet the demand in the first half only**. It must be noted that, although products are open for importation without restriction, MSP requirements apply at all times. Hence, in conclusion, traders are encouraged to contact farmers and source their needed produce locally and import only when necessary.

[illegible]



Beetroot



English Cucumber



Sweet Potato



Watermelon



Sweet melon



Lettuce.



Cauliflower



Broccoli



Mushroom



HORTICULTURE: VEGETABLES PRODUCTION FORECAST

REPORT NO 3

FORECASTED PERIOD:

01 AUGUSTE 2022 TO 31 DECEMBER 2022

**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 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 a 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 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 (figures 1 to 11) analysis of 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 sizes 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 sizes of fresh, chilled, Whole or Cut English Cucumber, except the "Exclusions".	Preserved English Cucumber, and 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 sizes of fresh, chilled, Whole or Cut Watermelon, except the "Exclusions".	All Watermelon Juices and Jam.
Sweet melon	All types, size groups, and container sizes 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 color. All frozen, dried, cooked, and preserved Lettuce (Whole or Cut) of any color and shape.

Whole: any fresh fruit or vegetable that has 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 has 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 Aug 2022 - 31 Dec 2022															
Numbers in the table below represents tonnage expected to harvested for local and export market														Last updated: 20 Jul 2022	
PRODUCTION AREAS	CROPS	1-15 Aug 22		16-31 Aug 22		Sep-22		Oct-22		Nov-22		Dec-22		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	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.88	0.13
	Watermelon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	5.25	0.15
	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	0.0	0.0	0.6	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.76	0.05
	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	7.1	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	18.09	0.94
	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 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	22.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.00	1.60
	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	97.0	0.0	0.0	0.0	45.8	0.0	30.0	0.0	9.9	0.0	0.0	0.0	182.70	9.18
	Watermelon	35.0	0.0	0.0	0.0	90.0	0.0	85.4	0.0	125.0	0.0	25.0	0.0	360.40	9.36
	Sweetmelon	2.8	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.80	1.14
	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
KARSTLAND	Beetroot	31.7	0.0	24.2	0.0	48.2	0.0	48.2	0.0	48.2	0.0	48.2	0.0	248.70	10.80
	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	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.00	0.20
	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 Iceberg	5.5	0.0	5.5	0.0	11.0	0.0	11.0	0.0	11.0	0.0	11.0	0.0	55.00	1.00

Table 1A. continues....

CENTRAL	Beetroot	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.00	0.50
	English Cucumbers	42.0	0.0	66.0	0.0	131.8	0.0	127.5	0.0	131.8	0.0	131.8	0.0	630.90	10.90
	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	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	26.3	0.0	21.3	0.0	47.5	0.0	47.5	0.0	47.5	0.0	47.5	0.0	210.00	10.50
SOUTH AND ORANGE RIVER	Beetroot	36.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.00	0.90
	English Cucumbers	0.0	5.0	0.0	5.0	0.0	10.0	0.0	10.0	0.0	10.0	0.0	10.0	50.00	1.00
	Sweet Potatoes	60.0	0.0	120.0	0.0	60.0	0.0	60.0	0.0	51.0	0.0	0.0	0.0	351.00	6.50
	Watermelon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Sweetmelon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Lettuce Iceberg	15.5	0.0	22.0	0.0	37.0	0.0	32.0	0.0	32.0	0.0	2.0	0.0	140.50	3.80
Total expected production per crop per month	Beetroot	104.7	0.0	24.8	0.0	78.4	0.0	48.2	0.0	48.2	0.0	48.2	0.0	332.46	13.85
	English Cucumbers	42.0	5.0	66.0	5.0	131.8	10.0	127.5	10.0	131.8	10.0	131.8	10.0	680.90	11.90
	Sweet Potatoes	170.0	0.0	120.0	0.0	105.8	0.0	101.0	0.0	60.9	0.0	0.0	0.0	557.66	16.94
	Watermelon	35.0	0.0	0.0	0.0	90.0	0.0	85.4	0.0	130.3	0.0	25.0	0.0	365.65	9.51
	Sweetmelon	2.8	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.80	1.14
	Lettuce Iceberg	47.3	0.0	48.8	0.0	95.5	0.0	90.5	0.0	90.5	0.0	60.5	0.0	405.50	15.30

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 Aug 2022 - 31 Dec 2022													
Numbers in the table below represents tonnage expected to harvested for local and export market												Last updated: 20 Jul 2022	
PRODUCTION AREAS	CROPS	Jul-22		Aug-22		Sep-22		Oct-22		Nov-22		Total (for the 5 months period)	
		Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Yield	Ha to be harvested
KARSTLAND	Cauliflower	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.50	0.25
	Broccoli	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.50	0.25
	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
CENTRAL	Cauliflower	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.50	1.40
	Broccoli	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.00	1.20
	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	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.00	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	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.00	3.22
	Broccoli	32.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.50	2.85
	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 zone




























TABLE: 2A																																			
KEYS : BEETROOT  ENGLISH CUCUMBER  SWEET POTATO  WATERMELON  SWEETMELON  LETTUCE ICEBERG 																																			
PERIOD: 01 Aug 2022 TO 31 Dec 2022																																			
		MARKET			1-15 Aug -22					16-31 Aug -22					Sep-22					Oct-22					Nov-22					Dec-22					
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	
ZAMBEZI																																			
1	Musali Katali	√	√																																
2	Ngalaule Peleko	√	√																																
KAVANGO AREA																																			
NAME OF A PRODUCER		Local Informal	Local Formal	Export	1-15 Agust 2022					16-31 Aug 2022					Sep-22					Oct-22					Nov-22					Dec-22					
1	Henock Katanga	√	√																																
2	Auguste Proto	√	√																																
3	Virginia Kaimbi	√	√																																
4	Felisimina Kaumba	√	√																																
NORTH CENTRAL AREA																																			
NAME OF A PRODUCER		Local Informal	Local Formal	Export	1-15 Aug 2022					16-31 Aug 2022					Sep-22					Oct-22					Nov-22					Dec-22					
1	Abisai A Amashili	√	√																																
2	Andreas Ashimbanga	√	√																																
3	Elifas Nuuyoma	√	√																																
4	Emily Naunyango	√	√																																
5	Epafras Hilengwa	√	√																																

Table 2A continues.....

CENTRAL AREA																												
NAME OF A PRODUCER		Local Informal	Local Formal	Export	1-15 Aug 22				16-31 Aug 2022				Sep-22				Oct-22				Nov-22				Dec-22			
1	Anton/Liza Koekemor	√	√																									
2	Deborah Walliser	√	√																									
3	Dina Strauss	√	√																									
4	Grunnar Waldschmidt	√	√																									
5	Henk Pieters	√	√																									
6	Jeanine Botes	√	√																									
7	Johaness Meyer	√	√																									
8	Lothar Kollimitz	√	√																									
9	Stiaan Cleote	√	√																									
SOUTH AND ORANGE RIVER AREAS																												
NAME OF PRODUCER		Local Informal	Local Formal	Export	1-15 Aug-22				16-31 Aug -22				Sep-22				Oct-22				Nov-22				Dec-22			
1	Abe Oliver			√																								
2	Elamerie van Rensburg	√	√																									
3	Hentie van Dyk	√	√																									
4	Herman Van Dyk	√	√																									
5	Johan Roux	√	√																									
6	Peter de Lange	√	√																									
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 2022

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

TABLE: 2B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
KEYS : CAULIFLOWER 										BROCOLLI 										MUSHROOM 																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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		MARKET		Aug-22						Sep-22						Oct-22						Nov-21						Dec-22																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
NAME OF PRODUCER	I	n	F	E	x	p	o	r	t	Cauliflower	Broccoli	Mushroom																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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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. While insufficient supply of Watermelon and Sweetmelon will be expected during 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: 20 Jul 2022								
Crops	Expected Surplus or Shortage	1-15 Aug 22	16-31 Aug 22	Sep-22	Oct-22	Nov-22	Dec-22	Total
Beetroot	Expected Tonnage for domestic market	105	25	78	48	48	48	328
	Average Domestic Demand (2021)	52	52	105	105	105	105	472
	Surplus / shortage (Tonnage)	52	-28	-27	-57	-57	-57	-145
English Cucumber	Expected Tonnage for domestic market	42	66	132	128	132	132	565
	Average Domestic Demand (2021)	47	47	100	100	100	100	447
	Surplus / shortage (Tonnage)	-5	20	32	28	32	32	118
Sweet Potato	Expected Tonnage for domestic market	170	120	106	101	61	0	438
	Average Domestic Demand (2021)	60	60	115	115	115	115	520
	Surplus / shortage (Tonnage)	110	60	-9	-14	-54	-115	-82
Watermelon	Expected Tonnage for domestic market	35	0	90	85	130	25	366
	Average Domestic Demand (2021)	70	70	160	160	160	160	710
	Surplus / shortage (Tonnage)	-35	-70	-70	-75	-30	-135	-344
Sweet melon	Expected Tonnage for domestic market	3	0	20	0	0	0	23
	Average Domestic Demand (2021)	35	35	75	75	75	75	335
	Surplus / shortage (Tonnage)	-32	-35	-55	-75	-75	-75	-312
Lettuce Iceberg	Expected Tonnage for domestic market	47	49	96	91	91	61	384
	Average Domestic Demand (2021)	38	38	75	75	75	75	338
	Surplus / shortage (Tonnage)	10	11	21	16	16	-15	47

Source: NAB 2022

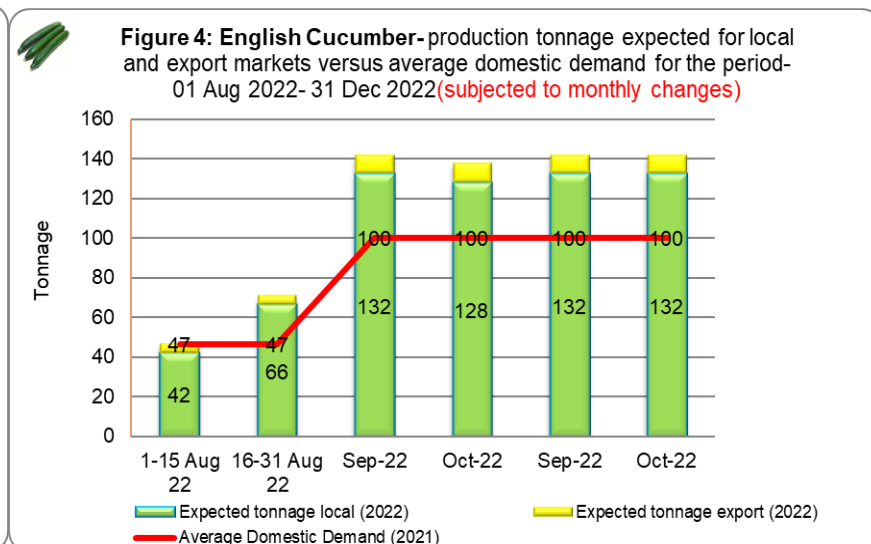
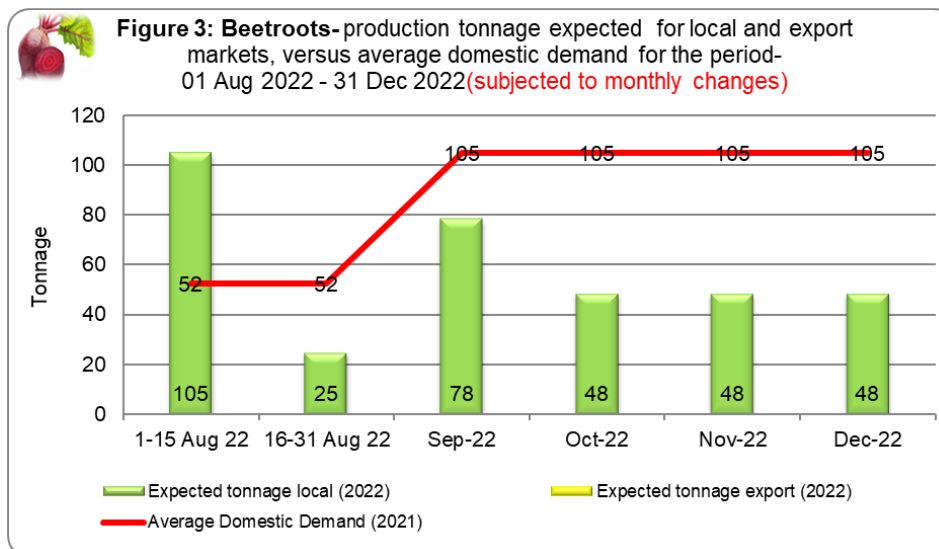
Table 3B indicates the total availability tonnage of Mushroom, Cauliflower, and Broccoli as monitored crops.

Table 3B: Analysis of the total expected tonnage for domestic market versus domestic demand.							
Crops	Expected Surplus or Shortage	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Total
Cauliflower	Expected Tonnage for domestic market	45	0	0	0	0	45
	Average Domestic Demand (2021)	25	25	25	25	25	125
	Surplus / shortage (Tonnage)	20	-25	-25	-25	-25	-80
Broccoli	Expected Tonnage for domestic market	33	0	0	0	0	33
	Average Domestic Demand (2021)	20	20	20	20	20	100
	Surplus / shortage (Tonnage)	13	-20	-20	-20	-20	-68
Mushroom	Expected Tonnage for domestic market	17	17	16	18	16	84
	Average Domestic Demand (2021)	15	15	15	15	15	75
	Surplus / shortage (Tonnage)	2	2	1	3	1	9

Source: NAB 2022

5 GRAPHICAL ANALYSIS

Figure 5 and 8 shows that there will be a sufficient local supply of 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.



Graphical analysis continues.....



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

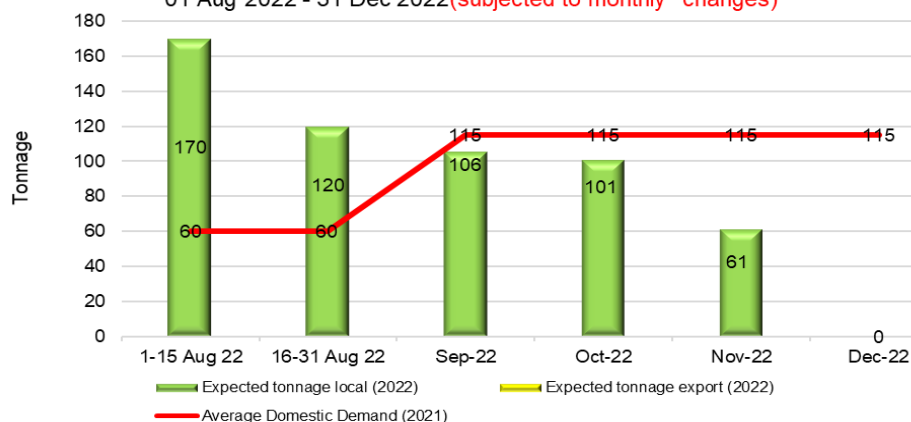


Figure 6: Watermelon-production tonnage expected for local and export markets, versus average domestic demand for the period- 01 Aug 2022 - 31 Dec 2022 (subjected to monthly changes)

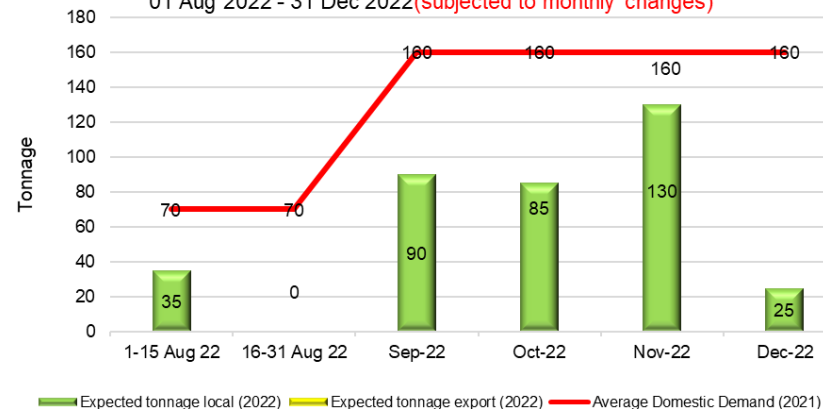


Figure 7: Sweetmelon production tonnage expected for local and export markets, versus domestic demand for the period- 01 Aug 2022 - 31 Dec 2022 (subjected to monthly changes)

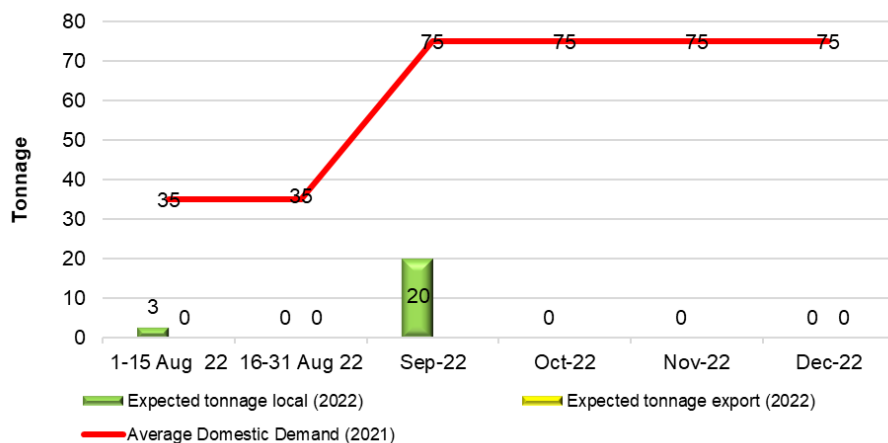
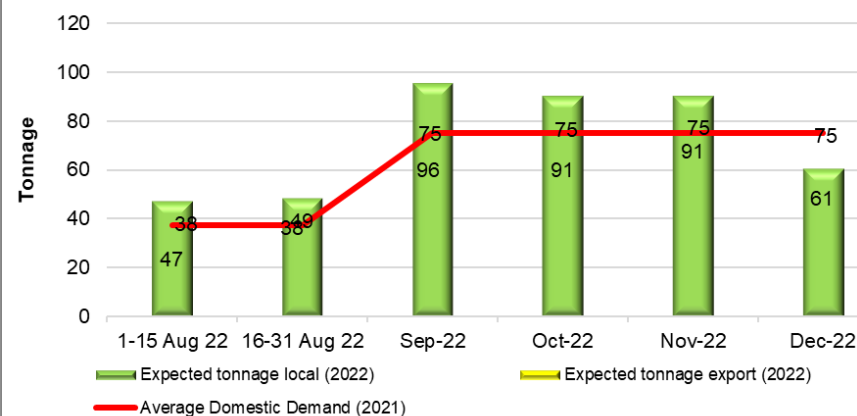
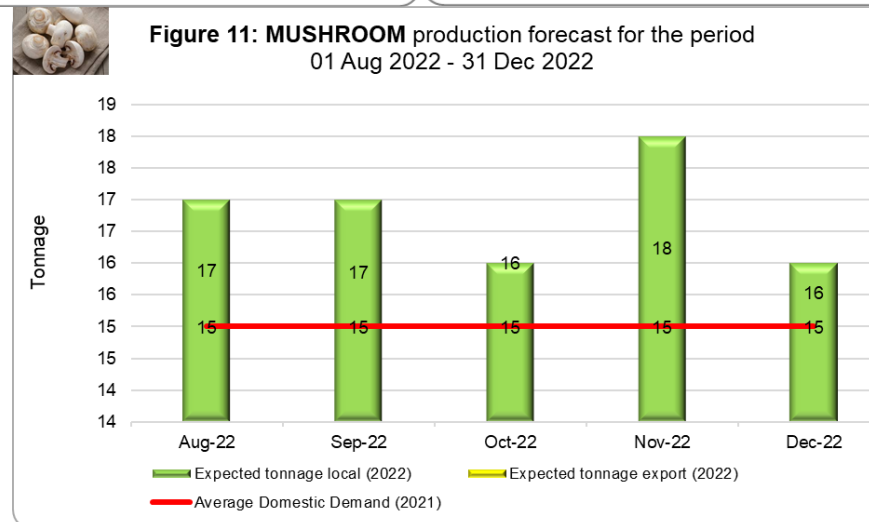
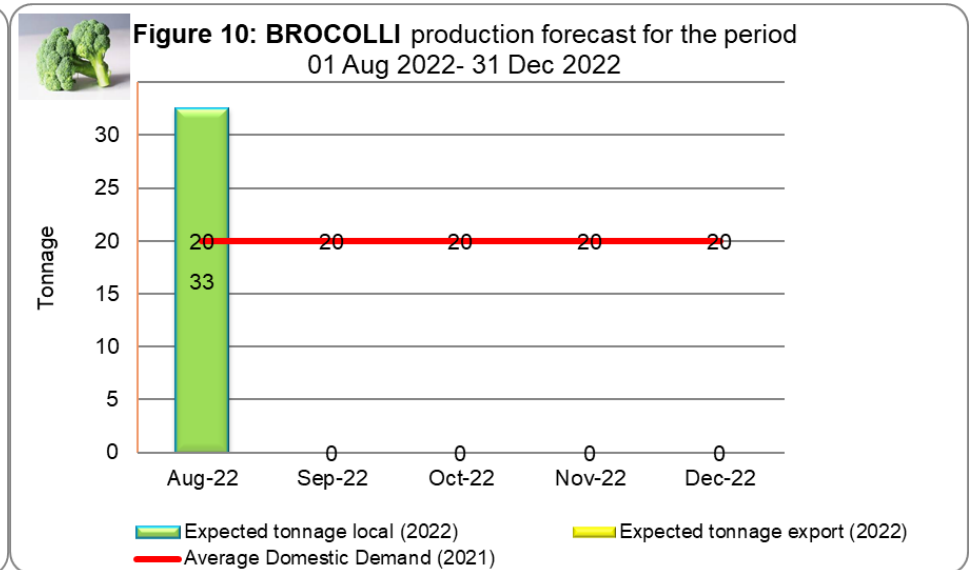
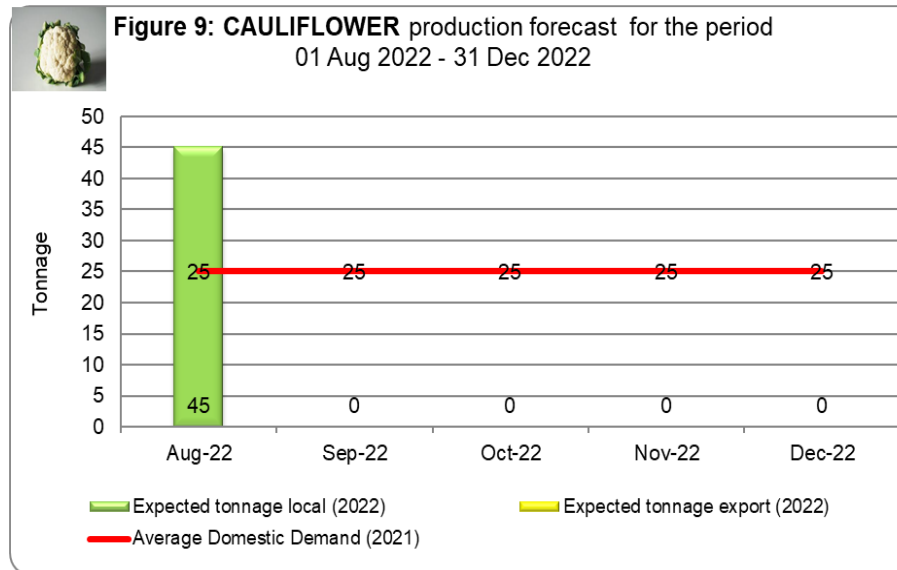


Figure 8: Lettuce Iceberg production tonnage expected for local and export markets, versus average domestic demand for the period- 01 Aug 2022 - 31 Dec 2022 (subjected to monthly changes)



Source: NAB 2022

Figure 9,10 and 11 shows available local tonnage of Cauliflower, Broccoli and Mushroom as monitored crops.



Source: NAB 2022

6. CONCLUSION and RECOMMENDATIONS

The report indicates that there will be a 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 for the special import permit period 1-31 August 2022. However, sweet potatoes in small sizes are not available locally and hence the borders will open strictly for **1kg and 2 kg sizes**.

The Beetroots will be sufficient locally in the first two weeks (**1-15th August 2022**), **whereas**, while English cucumbers will be opened on **20% from 1-15th August 2022**. In addition, Watermelon and Sweet melon are not sufficient locally and will be open for importation without restrictions. However, the MSP applies all the time.

Please note that further import restrictions will be implemented during the reporting period and hence the open and close borders decision is subjected to changes. The decision to revise the close and open borders implementation will heavily depend on the updated production data from the producers. Hence, producers are encouraged to immediately notify NAB in case of deviations from the 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 make local purchase arrangements and comply with their 47% MSP requirements.

Mushroom, Broccoli, and cauliflower are currently categorized as monitored crops, and therefore for these crops to be added as a special controlled crop in the future, it is imperative for producers to take advantage of these products and ensure the domestic demand for each month is met.

[illegible]