



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 MAY TO 30 SEPTEMBER 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 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 May to 30 September 2022														
Numbers in the table below represents tonnage													Last updated: 20 April 2022	
PRODUCTION AREAS	Special controlled and monitored crops	May-22			Jun-22		Jul-22		Aug-22		Sep-22		Total (for the 5 months period)	
		01-15 May 22 Local	16-31 May 22 Local	01-31 May 22 Export	Local	Export	Local	Export	Local	Export	Local	Export	Yield	Ha to be harvested
ZAMBEZI REGION	Butternuts	7.44	5.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.39	1.01
	Cabbage	9.61	21.37	0.00	51.09	0.00	11.05	0.00	0.85	0.00	0.00	0.00	93.96	2.44
	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	0.00	0.00	0.00	0.71	0.00	0.00	0.00	2.98	0.00	1.70	0.00	5.39	0.18
	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
KAVANGO REGIONS	Butternuts	20.40	15.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.16	2.84
	Cabbage	2.29	7.65	0.00	17.88	0.00	12.75	0.00	0.34	0.00	0.00	0.00	40.91	1.58
	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	0.00	0.00	0.00	36.02	0.00	0.00	0.00	0.00	0.00	29.75	0.00	65.77	2.21
	Potatoes	0.00	0.00	0.00	5.10	0.00	12.75	0.00	0.00	0.00	0.00	0.00	17.85	0.70
NORTH CENTRAL	Butternuts	38.00	44.54	0.00	119.00	0.00	54.74	0.00	10.20	0.00	0.00	0.00	266.48	14.83
	Cabbage	25.08	44.20	0.00	94.35	0.00	102.43	0.00	6.80	0.00	0.00	0.00	272.85	11.56
	Gem squash	5.53	11.48	0.00	11.05	0.00	6.80	0.00	6.80	0.00	6.80	0.00	48.45	2.82
	Onions	0.00	0.00	0.00	3.40	0.00	1.70	0.00	27.20	0.00	0.00	0.00	32.30	1.40
	Pumpkins	8.50	12.75	0.00	33.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.40	3.00
KARSTLAND	Butternuts	112.20	130.05	0.00	249.05	0.00	72.25	0.00	102.00	0.00	0.00	0.00	665.55	29.45
	Cabbage	177.65	221.00	0.00	312.80	0.00	243.95	0.00	320.45	0.00	199.75	0.00	1475.60	22.25
	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	786.25	807.50	0.00	510.00	0.00	1540.20	361.25	1552.10	272.00	879.75	170.00	6879.05	156.00
	Potatoes	208.25	123.25	0.00	1531.70	0.00	1789.25	272.00	765.00	357.00	1530.00	0.00	6576.45	201.25
CENTRAL	Butternuts	22.95	6.80	0.00	12.75	0.00	90.10	0.00	172.13	0.00	0.00	0.00	304.73	7.60
	Butternuts	15.30	32.30	0.00	46.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	94.35	3.65
	Cabbage	21.25	31.88	0.00	406.73	0.00	366.35	0.00	221.85	0.00	136.85	0.00	1184.90	21.30
	Gem squash	0.00	3.40	0.00	4.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.65	0.30
	Onions	0.00	0.00	0.00	510.85	0.00	612.00	375.70	803.25	290.70	718.25	290.70	3601.45	79.00
SOUTH AND ORANGE RIVER	Potatoes	255.00	0.00	0.00	956.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1211.25	47.50
	Pumpkins	25.50	28.05	0.00	6.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.93	1.80
	Butternuts	53.55	133.03	43.35	138.13	97.75	0.00	97.75	0.00	97.75	0.00	96.90	758.20	29.10
	Cabbage	237.15	250.75	0.00	263.50	0.00	276.25	0.00	80.75	0.00	0.00	0.00	1108.40	19.30
	Gem squash	8.50	4.25	0.00	0.00	0.00	0.00	56.95	0.00	56.95	0.00	56.10	182.75	10.50
Total expected production tonnage per crop per month	Onions	0.00	0.00	0.00	0.00	0.00	95.20	0.00	0.00	0.00	0.00	0.00	95.20	2.50
	Pumpkins	111.35	110.50	0.00	145.35	0.00	73.10	0.00	0.00	0.00	0.00	0.00	440.30	12.50
	Butternuts	247	362	43	553	98	127	98	112	98	0	97	1834	81
	Cabbage	473	577	0	1146	0	1013	0	631	0	337	0	4177	78
	Gem Squash	14	19	0	15	0	7	57	7	57	7	56	239	14
	Onions	786	808	0	1061	0	2154	737	2386	563	1629	461	10584	239
	Potatoes	463	123	0	2493	0	1802	272	765	357	1530	0	7806	249
Garlic	0	0	0	0	0	0.1	0	7	0	22.5	0	29.6	3.27	

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 May to 30 September 2022 <span style="float: right;">Last updated: 20 April 2022</span>																																					
Contact Person	Target Market			01-15 May 2022					16-31 May 2022					Jun-22					Jul-22					Aug-22					Sep-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				
<b>ZAMBEZI</b>																																					
1	Andrew Inambao	√	√																																		
2	Benedict Musialike	√	√																																		
3	Charity Mulemwa Goaises	√	√																																		
4	Clemens Makumbi	√	√																																		
5	Clement Mulyokela	√	√																																		
6	Elina Kalundu	√	√																																		
7	George Nalisa	√	√																																		
8	George Sauriri	√	√																																		
9	Hidden Kabula	√	√																																		
10	Jonathan Kamwi	√	√																																		
11	Joseph Simataa	√	√																																		
12	Joseph Simwanza	√	√																																		
13	Knox Salushando	√	√																																		
14	Lemmy Mishake Muhinda	√	√																																		
15	Lucious Chata	√	√																																		
16	Ngalaule Pelekelo	√	√																																		
17	Raphael Kachana	√	√																																		
18	Richard Kambinda	√	√																																		
19	Tomola Fabian	√	√																																		
20	Vincent Siliye	√	√																																		

Table 3A continues.....









#### 4. EXPECTED PRODUCTION VS DEMAND ANALYSIS

##### 4.1 TABULATION ANALYSIS

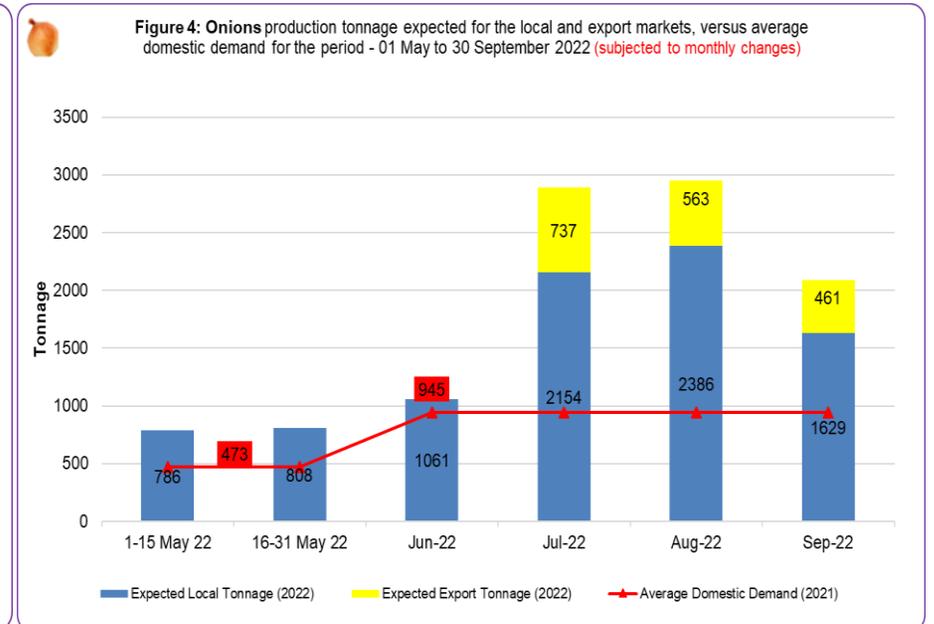
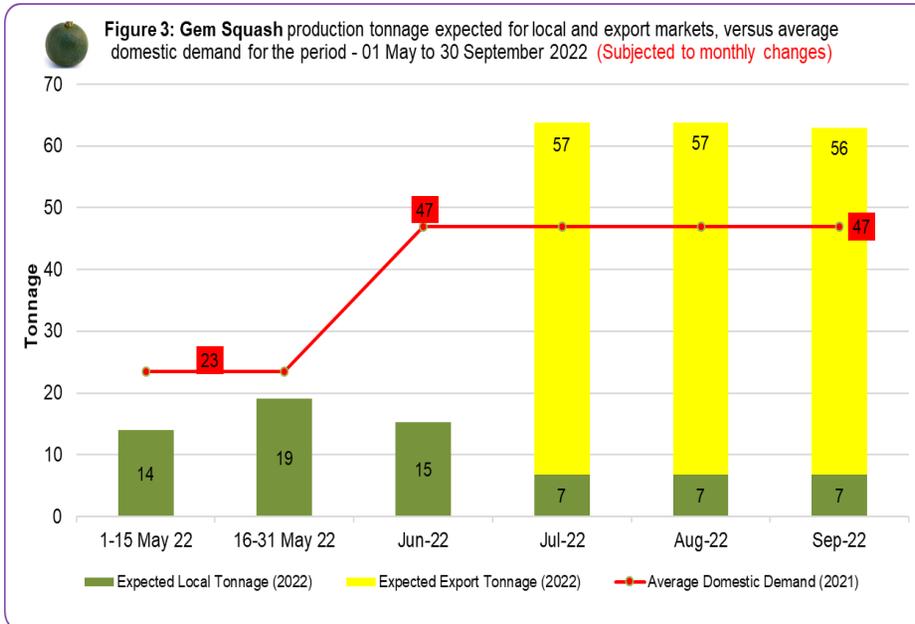
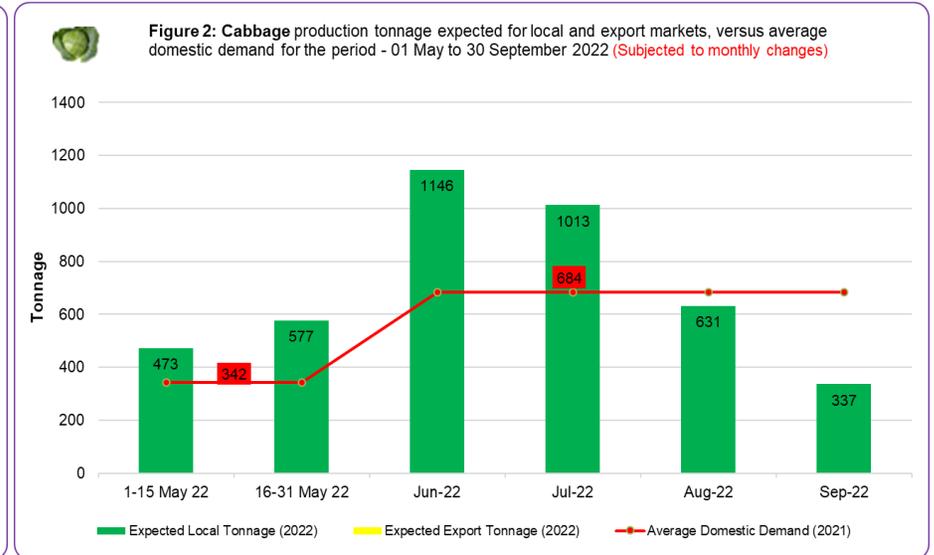
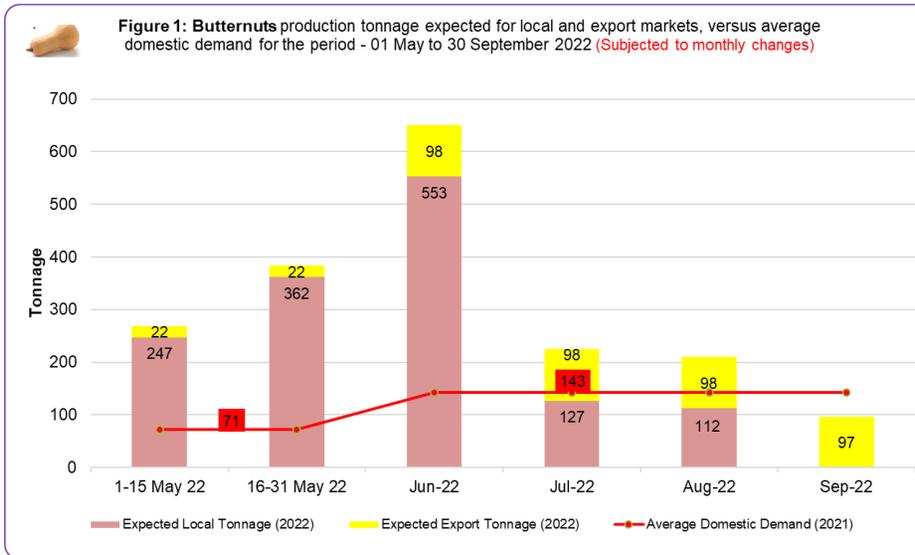
**Table 4** below shows that, the total tonnage expected for butternuts, cabbage, onions and pumpkins will be sufficient to satisfy the domestic market during the special permit period of 01-31 May 2022. **Table 4** further shows that; gem squash and potatoes are expected to be insufficient throughout 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: 20 April 2022			
Special Controlled Crops	Expected Surplus or Shortage	01-15 May 2022	16-31 May 2022	Jun-22	Jul-22	Aug-22	Sep-22	Total
Butternuts	Expected for domestic market	247	362	553	127	112	0	1154
	Average domestic demand	71	71	143	143	143	143	643
	Surplus / shortage	175	290	410	-16	-31	-143	511
Cabbage	Expected for domestic market	473	577	1146	1013	631	337	3704
	Average domestic demand	342	342	684	684	684	684	3078
	Surplus / shortage	131	235	462	329	-53	-347	626
Gem Squash	Expected for domestic market	14	19	15	7	7	7	55
	Average domestic demand	23	23	47	47	47	47	211
	Surplus / shortage	-9	-4	-32	-40	-40	-40	-157
Onions	Expected for domestic market	786	808	1061	2154	2386	1629	8037
	Average domestic demand	473	473	945	945	945	945	4253
	Surplus / shortage	314	335	116	1209	1441	684	3785
Potatoes	Expected for domestic market	463	123	2493	1802	765	1530	6713
	Average domestic demand	1,494	1494	2989	2989	2989	2989	13450
	Surplus / shortage	-1031	-1371	-496	-1187	-2224	-1459	-6737
Pumpkins	Expected for domestic market	168	158	198	163	172	0	859
	Average domestic demand	41	41	83	83	83	83	415
	Surplus / shortage	127	117	115	80	89	-83	444

Source: NAB, 2022

## 4.2 GRAPHICAL ANALYSIS

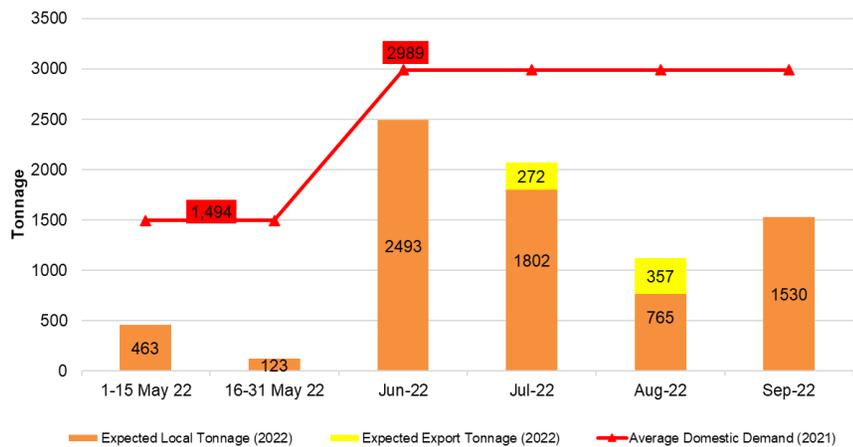
Graphical analysis shows the domestic production tonnage expected for the local and export markets as well as the average domestic demand. **Figure 1, 2, 4 and 6** below shows that the projected production tonnage for butternuts, cabbage, onions and pumpkins reserved for local market are expected to be sufficient in May 2022. Whereas, **figure 3 and 5** shows that, gem squash and potatoes are expected to be insufficient throughout this reporting period.



Graphical analysis figures continue...



**Figure 5: Potatoes production tonnage expected for local and export markets, versus average domestic demand for the period: 01 May to 30 September 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 May to 30 September 2022 (Subjected to monthly changes)**

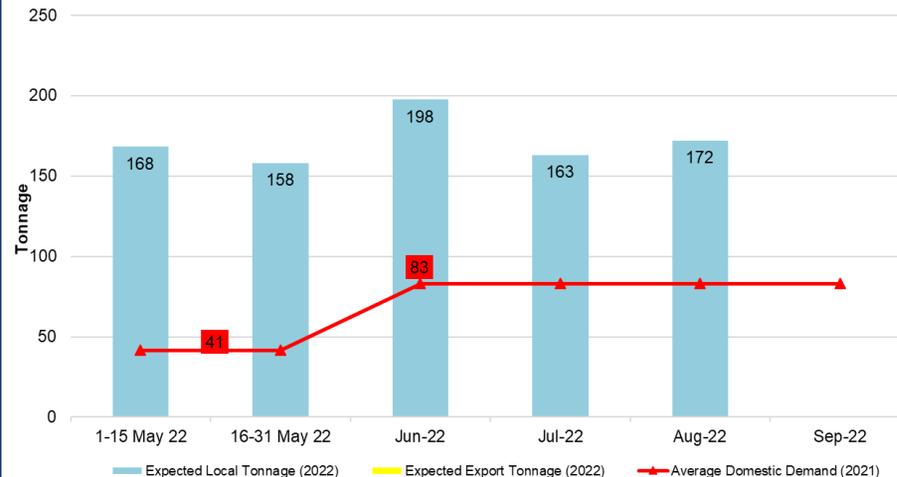
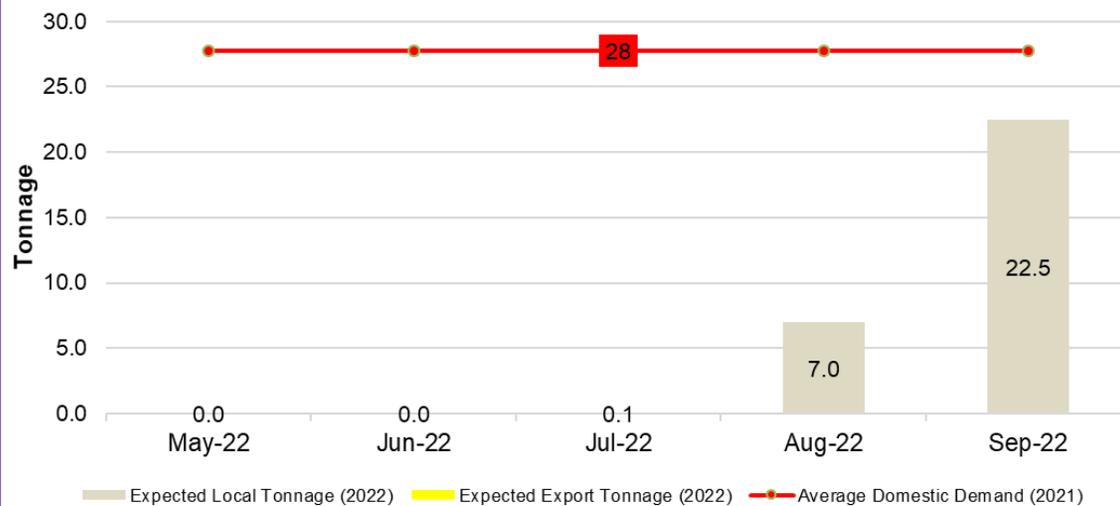


Figure A below shows that, the projected tonnage for garlic (monitored crop) is expected to be insufficient throughout this reporting period.



**Figure A: Garlic production forecasted expected for local market for the period - 01 May to 30 September 2022 (Subjected to monthly changes)**



Source: NAB, 2022





Colour Pepper



Tomato Round



Tomato Jam



Carrot



Green Pepper



Spinach



Sweetcorn



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## HORTICULTURE: VEGETABLES PRODUCTION FORECAST

### REPORT NO.2

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**FORECASTED PERIOD:**

**01 MAY 2022 TO 30 SEPTEMBER 2022**

**Agronomy and Horticulture Market Development Division**

**Horticulture Market Development Subdivision**

**Enquiries:** Mr. Patrick Lubanda

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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 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, Jam Tomato, Carrot 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															
PRODUCTION AREA	CROP	Numbers in the table below represents tonnage												Totals	
		01-15 May 22		16-31 May 22		Jun-22		Jul-22		Aug-22		Sep-22		Expected tonnage	Hectares planted
		Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Local	Export		
ZAMBEZI	Tomato Round	6.9	0.0	7.3	0.0	19.5	0.0	17.1	0.0	6.9	0.0	4.8	0.0	62.6	2.5
	Tomato Jam	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	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	0.2	0.0	0.6	0.0	1.8	0.0	2.4	0.0	2.0	0.0	1.2	0.0	8.2	0.4
	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	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	9.5	0.0	10.9	0.0	45.0	0.0	6.5	0.0	6.5	0.0	0.0	0.0	78.3	3.5
	Tomato Jam	5.0	0.0	10.0	0.0	11.4	0.0	0.9	0.0	0.3	0.0	0.2	0.0	27.8	1.2
	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	0.9	0.0	0.9	0.0	1.8	0.0	0.5	0.0	0.2	0.0	0.0	0.0	4.3	0.6
	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	1.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.1
	Tomato Jam	38.2	0.0	56.5	0.0	66.6	0.0	58.4	0.0	10.6	0.0	0.0	0.0	230.3	8.7
	Carrot	1.5	0.0	1.5	0.0	5.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	10.0	0.5
	Green Pepper	6.4	0.0	6.4	0.0	20.3	0.0	18.0	0.0	0.1	0.0	0.0	0.0	51.2	1.4
	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	0.1	0.0	0.1	0.0	2.4	0.0	2.3	0.0	2.3	0.0	2.3	0.0	9.3	0.7
	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	47.0	0.0	47.7	0.0	92.6	0.0	37.2	0.0	1.4	0.0	0.0	0.0	225.9	11.5
	Tomato Jam	80.8	0.0	114.6	0.0	272.5	0.0	278.4	0.0	79.5	0.0	44.5	0.0	870.4	26.3
	Carrot	89.0	0.0	384.0	0.0	305.0	0.0	305.0	0.0	80.0	0.0	80.0	0.0	1243.0	44.2
	Green Pepper	14.4	0.0	17.0	0.0	34.6	0.0	26.4	0.0	9.4	0.0	1.6	0.0	103.3	5.1
	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	0.7	0.0	0.7	0.0	4.3	0.0	4.3	0.0	4.3	0.0	4.3	0.0	18.5	0.7
	Sweetcorn	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.8	0.0	41.6	7.5
CENTRAL	Tomato Round	64.7	0.0	65.2	0.0	121.9	0.0	118.9	0.0	54.9	0.0	2.5	0.0	427.9	4.5
	Tomato Jam	1.5	0.0	26.9	0.0	53.8	0.0	53.8	0.0	50.8	0.0	2.8	0.0	189.5	1.1
	Carrot	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	1.0
	Green Pepper	20.3	0.0	23.3	0.0	49.6	0.0	32.6	0.0	28.2	0.0	19.0	0.0	173.1	3.9
	Coloured Pepper	60.0	20.0	60.0	20.0	120.0	60.0	120.0	60.0	0.0	0.0	0.0	0.0	360.0	4.0
	Spinach	0.8	0.0	0.8	0.0	1.7	0.0	1.7	0.0	0.0	0.0	0.0	0.0	5.0	0.5
	Sweetcorn	0.0	0.0	3.5	0.0	12.3	0.0	7.0	0.0	7.0	0.0	7.0	0.0	36.8	5.8
SOUTH AND ORANGE RIVER	Tomato Round	19.9	0.0	19.9	0.0	531.6	200.0	531.6	200.0	527.9	0.0	516.2	0.0	2147.1	54.8
	Tomato Jam	1.4	0.0	1.4	0.0	2.7	0.0	1.7	0.0	1.7	0.0	0.6	0.0	9.4	0.3
	Carrot	0.0	0.0	0.0	0.0	16.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	32.0	1.0
	Green Pepper	4.3	0.0	33.2	0.0	107.2	0.0	101.2	0.0	100.1	0.0	99.6	0.0	445.6	27.4
	Coloured Pepper	28.0	7.5	28.0	7.5	56.0	14.6	56.0	14.6	56.0	14.6	56.0	14.6	280.0	8.8
	Spinach	0.5	0.0	0.0	0.0	1.1	0.0	1.1	0.0	1.1	0.0	1.1	2.0	4.9	0.1
	Sweetcorn	9.6	0.0	9.6	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	3.3
Total expected per crop per month	Tomato Round	149.1	0.0	152.0	0.0	811.5	200.0	711.2	200.0	597.6	0.0	523.5	0.0	2944.8	77.0
	Tomato Jam	127.1	0.0	209.4	0.0	407.1	0.0	393.1	0.0	142.9	0.0	48.0	0.0	1327.7	37.7
	Carrot	90.5	0.0	385.5	0.0	366.0	0.0	323.0	0.0	80.0	0.0	80.0	0.0	1325.0	46.7
	Green Pepper	46.5	0.0	81.4	0.0	215.4	0.0	181.1	0.0	140.0	0.0	121.4	0.0	785.8	38.7
	Coloured Pepper	88.0	27.5	88.0	27.5	176.0	74.6	176.0	74.6	56.0	14.6	56.0	14.6	640.0	12.8
	Spinach	2.1	0.0	1.6	0.0	9.4	0.0	9.3	0.0	7.6	0.0	7.6	2.0	37.7	2.0
	Sweetcorn	29.6	0.0	33.1	0.0	14.0	0.0	7.0	0.0	7.8	0.0	7.8	0.0	99.4	16.50

Source: NAB,2022

### 3. EXPECTED AVAILABILITY

**Table 3**, indicate 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 May 2022						16 to 31 May 2022						Jun-22				Jul-22				Aug-22				Sep-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
1	Agness Limbo	✓																													
2	Agness Matongo	✓																													
3	Andrew Inambao	✓																													
4	Benedicts Musalike	✓																													
5	Bernard Silwabubi	✓																													
6	Bernard Sitali	✓																													
7	Charles Matengu	✓																													
8	Clemens Makumbi	✓																													
9	Clement Mulyokela	✓																													
10	Cletius Mushaukwa	✓																													
11	Coster Sillio Mubita	✓																													
12	Eustance Mujohn	✓																													
13	Hidden Kabula	✓																													
14	Jonathan Kamwi	✓																													
15	Joseph Simataa	✓																													
16	Kamwi Lubanda	✓																													
17	Kenneth Simasiku Sitali	✓																													
18	Knox Salushando	✓																													
19	Kulumelo Vasco Mutobohi	✓																													
20	Lemmy Mishake Muhinda	✓																													
21	Likezo Florance	✓																													
22	Lucious Chata	✓																													
23	Marina Musweu	✓																													
24	Michael Mwiya Kalaluka	✓																													
25	Molly Muffie	✓																													
26	Nanvula Lilungwe	✓																													
27	Nawa Sikanda	✓																													
28	Ntelamo Ibatelo	✓																													
29	Raphael Kachana	✓																													
30	Richard Kambinda	✓																													
31	Tomola Fabian	✓																													
32	Vincent Silye	✓																													

Table 3 continued...

KAVANGO AREA																	
		01 to 15 May 2022				16 to 31 May 2022				Jun-22		Jul-22		Aug-22		Sep-22	
1	Asser Halitwa	✓															
2	David Kandara	✓															
3	Frieda Siwombe	✓															
4	Henock Katanga	✓															
5	Henrick Lockie	✓															
6	Jonathan Mukwangu	✓															
7	Manfred Thikusho	✓															
8	Maxwell Nghidinwa	✓															
9	Mberema Anton	✓															
10	Pius Kapikara	✓															
11	Raphael Kampanze	✓															
12	Thadeus Mushambe	✓															
13	Wilhelm Ndungula	✓															
NORTH CENTRAL AREA																	
		01 to 15 May 2022				16 to 31 May 2022				Jun-22		Jul-22		Aug-22		Sep-22	
1	Abisai A Amashili	✓															
2	Andreas Ashimbanga	✓															
3	Andreas Shilomboleni	✓															
4	David Gank	✓															
5	Emily Naunyang	✓															
6	Etunda S&MSF	✓															
7	Eugen Eugene	✓															
8	Hendrick Haufiku	✓															
9	Ismael Kapuka	✓															
10	Noa Haanyanya	✓															
11	Paulus Amutenya	✓															
12	Paulus Titus	✓															
13	Peter Matheus	✓															
14	Shetuuka Shetuuka	✓															
15	Silvanus Naunyang	✓															
16	Simeon Negumbo	✓															
17	Thomas Marco Kalunduka	✓															
18	Thomas Tangeni Negonga	✓															
19	Veliko Imalwa	✓															
KARST AREA																	
		01 to 15 May 2022				16 to 31 May 2022				Jun-22		Jul-22		Aug-22		Sep-22	
1	Albertina Petrus	✓															
2	Basie Prinsloo	✓															
3	Bethuel Hauwanga	✓															
4	Bonifasius Kasuto	✓															
5	Chris Coston	✓															
6	Christiaan A Barry	✓															
7	Clemens D Shifotoka	✓															

Table 3 continued...





#### 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, Green Pepper, Sweetcorn and Colour Pepper are expected to be Sufficient in the entire permit period of 01 to 31 May 2022. While Spinach will be insufficient in the entire permit period, of 01 to 31 May 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 May 22	16-31 May 22	Jun-22	Jul-22	Aug-22	Sep-22	TOTAL
Tomato Round	Expected for Domestic Market	149.1	152.0	811.5	711.2	597.6	523.5	2944.8
	Average Domestic Demand	119.4	119.4	238.7	238.7	238.7	238.7	1193.7
	<b>Surplus /Shortage</b>	<b>29.7</b>	<b>32.6</b>	<b>572.8</b>	<b>472.5</b>	<b>358.8</b>	<b>284.8</b>	<b>1751.2</b>
Tomato Jam	Expected for Domestic Market	127.1	209.4	407.1	393.1	142.9	48.0	1327.7
	Average Domestic Demand	18.9	18.9	37.7	41.8	41.8	41.8	200.7
	<b>Surplus /Shortage</b>	<b>108.2</b>	<b>190.6</b>	<b>369.3</b>	<b>351.4</b>	<b>101.2</b>	<b>6.3</b>	<b>1126.9</b>
Carrot	Expected for Domestic Market	90.5	385.5	366.0	323.0	80.0	80.0	1325.0
	Average Domestic Demand	175.9	175.9	351.7	351.7	351.7	351.7	1758.7
	<b>Surplus /Shortage</b>	<b>-85.4</b>	<b>209.6</b>	<b>14.2</b>	<b>-28.7</b>	<b>-271.7</b>	<b>-271.7</b>	<b>-433.7</b>
Green Pepper	Expected for Domestic Market	46.5	81.4	215.4	181.1	140.0	121.4	785.8
	Average Domestic Demand	37.8	37.8	75.7	75.7	75.7	75.7	378.5
	<b>Surplus /Shortage</b>	<b>8.6</b>	<b>43.6</b>	<b>139.7</b>	<b>105.4</b>	<b>64.3</b>	<b>45.7</b>	<b>407.3</b>
Colour Pepper	Expected for Domestic Market	88.0	88.0	176.0	176.0	56.0	56.0	640.0
	Average Domestic Demand	13.7	13.7	27.5	27.5	27.5	27.5	137.3
	<b>Surplus /Shortage</b>	<b>74.3</b>	<b>74.3</b>	<b>148.5</b>	<b>148.5</b>	<b>28.5</b>	<b>28.5</b>	<b>502.7</b>
Sweetcorn	Expected for Domestic Market	29.6	33.1	14.0	7.0	7.8	7.8	99.4
	Average Domestic Demand	15.9	15.9	31.7	31.7	31.7	31.7	158.5
	<b>Surplus /Shortage</b>	<b>13.8</b>	<b>17.3</b>	<b>-17.7</b>	<b>-24.7</b>	<b>-23.9</b>	<b>-23.9</b>	<b>-59.2</b>
Spinach	Expected for Domestic Market	2.1	1.6	9.4	9.3	7.6	7.6	37.7
	Average Domestic Demand	19.7	19.7	39.5	39.5	39.5	39.5	197.4
	<b>Surplus /Shortage</b>	<b>-17.6</b>	<b>-18.2</b>	<b>-30.1</b>	<b>-30.2</b>	<b>-31.8</b>	<b>-31.8</b>	<b>-159.7</b>

Source: NAB,2022

## 4.2 GRAPHICAL ANALYSIS

**Figures 1- 7:** Below indicate the expected local tonnage, average domestic demand and export analysis per crop, we therefore only have sufficient supply of Tomato Round, Tomato Jam, Green Pepper, Sweetcorn and Colour Pepper from 01 to 31 May 2022. The spinach and Carrot will be insufficient in the permit period under review.

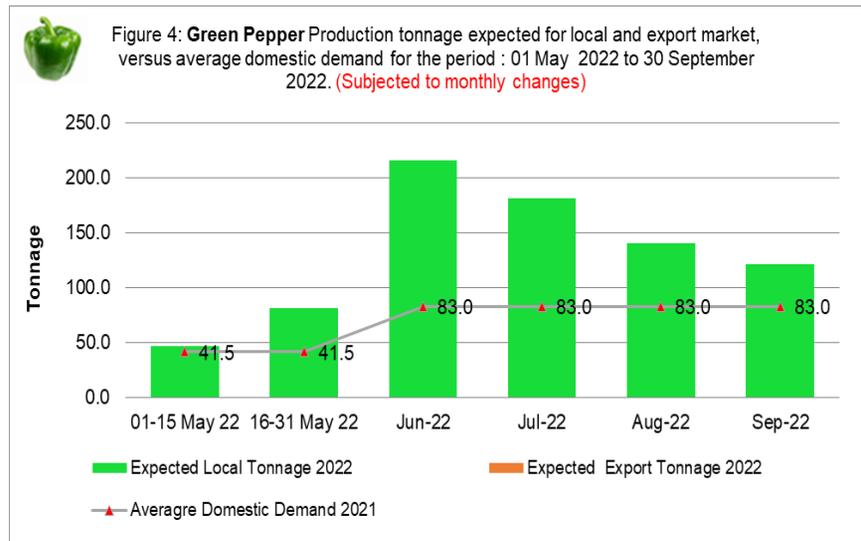
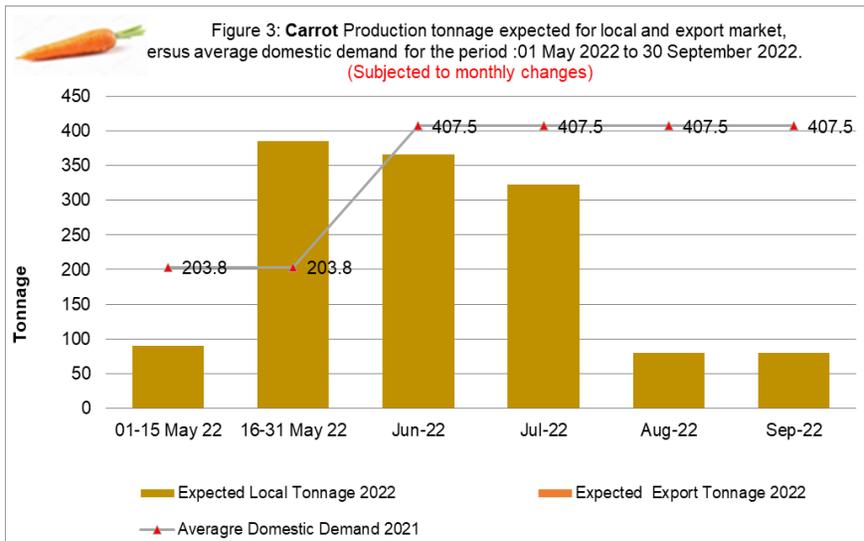
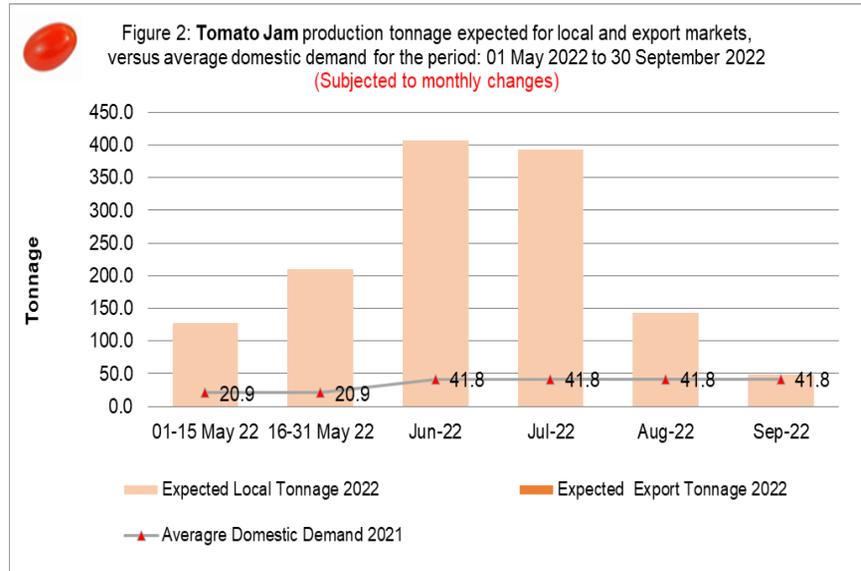
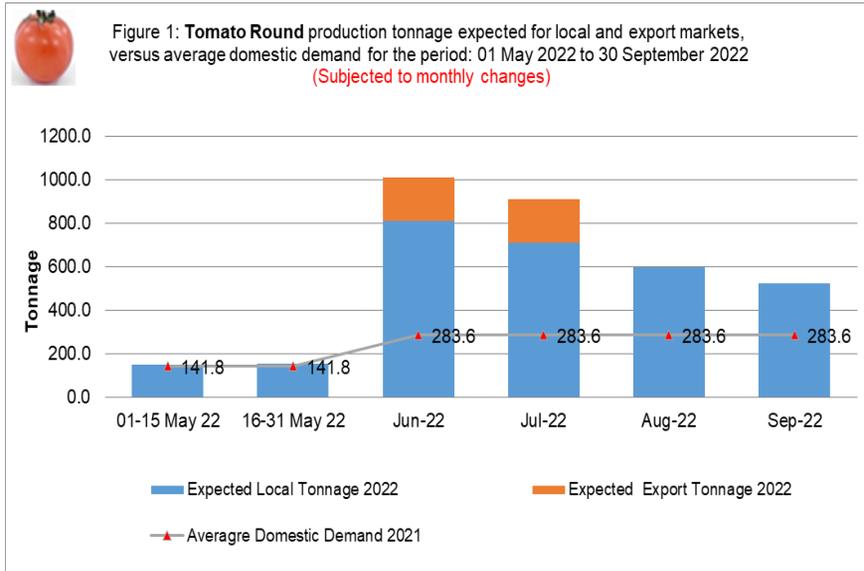




Figure 5: **Sweetcorn** Production tonnage expected for local and export market, versus average domestic demand for the period: 01 May 2022 to 30 September 2022. (Subjected to monthly changes)

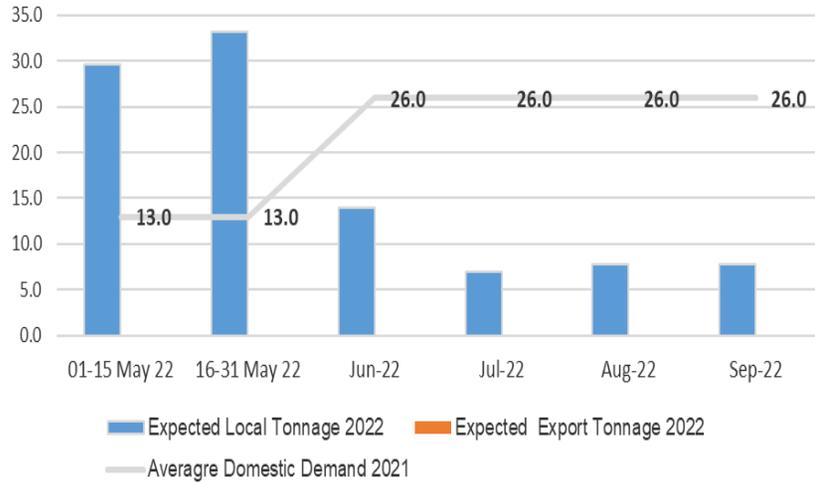


Figure 6: **Colour Pepper** Production tonnage expected for local and export market, versus average domestic demand for the period : 01 May 2022 to 30 September 2022. (Subjected to monthly changes)

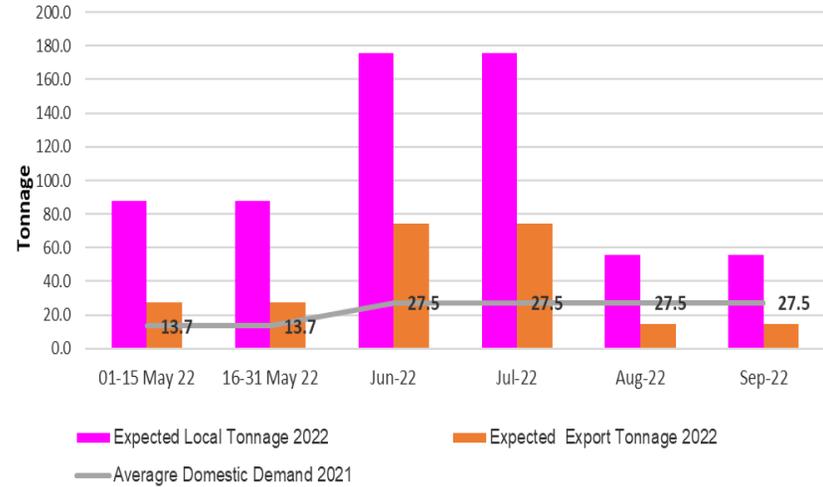
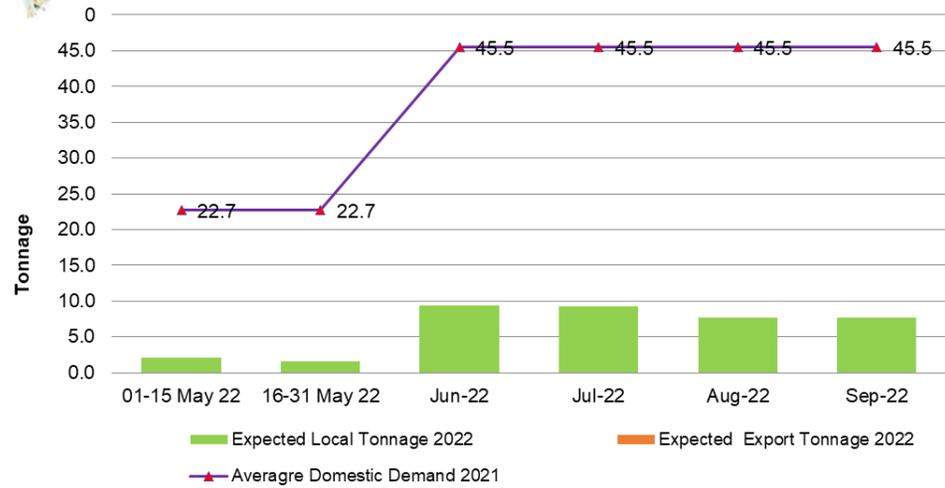


Figure 7 : **Spinach** Production tonnage expected for local and export market, versus average domestic demand for the period : 01 May 2022 to 30 September 2022. (Subjected to monthly changes)







Beetroot



English Cucumber



Sweet Potato



Watermelon



Sweet melon



Lettuce.



Cauliflower



Broccoli



Mushroom



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## HORTICULTURE: VEGETABLES PRODUCTION FORECAST

### REPORT NO 3

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**FORECASTED PERIOD:**

**01 MAY 2022 TO 30 SEPTEMBER 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 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 May 2022 - 30 Sep 2022															
Numbers in the table below represents tonnage expected to harvested for local and export market														Last updated: 20 April 2022	
PRODUCTION AREAS	CROPS	1-15 May 22		16-31 May 22		Jun-22		Jul-22		Aug-22		Sep-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	0.9	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.65	0.31
	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	18.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	21.88	1.07
	Watermelon	14.0	0.0	0.0	0.0	15.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.43	0.68
	Sweetmelon	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.09	0.17
	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	0.0	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	13.0	0.0	135.7	0.0	12.5	0.0	0.0	0.0	2.8	0.0	0.0	0.0	50.73	3.29
	Watermelon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Sweetmelon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Lettuce 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	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	32.3	0.0	135.7	0.0	36.1	0.0	26.8	0.0	10.5	0.0	0.0	0.0	241.31	19.71
	Watermelon	0.0	0.0	3.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	8.00	0.40
	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
KARSTLAND	Beetroot	103.5	0.0	15.0	0.0	40.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	164.50	5.05
	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	21.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	55.00	2.25
	Watermelon	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.00	0.30
	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	4.5	0.0	9.0	0.0	9.0	0.0	9.0	0.0	8.0	0.0	45.00	3.20
CENTRAL	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	65.9	0.0	65.9	0.0	131.8	0.0	131.8	0.0	131.8	0.0	131.8	0.0	659.00	10.90
	Sweet Potatoes	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.50	1.05
	Watermelon	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.00	1.00
	Sweetmelon	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.00	1.00
	Lettuce Iceberg	21.3	0.0	21.3	0.0	42.5	0.0	42.5	0.0	42.5	0.0	42.5	0.0	190.00	10.50

Table 1A. continues....

SOUTH AND ORANGE RIVER	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	0.0	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	0.0	0.0	0.00	0.00
	Sweet Potatoes	30.0	0.0	30.0	0.0	60.0	0.0	60.0	0.0	51.0	0.0	0.0	0.0	0.0	0.0	231.00	4.50
	Watermelon	20.0	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.00	1.25
	Sweetmelon	15.0	0.0	0.0	0.0	37.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.50	1.75
	Lettuce Iceberg	0.0	0.0	0.0	0.0	30.0	0.0	30.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	90.00	3.00
Total expected production per crop per month	Beetroot	104.4	0.0	15.0	0.0	43.8	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	169.15	5.36
	English Cucumbers	65.9	0.0	65.9	0.0	131.8	0.0	131.8	0.0	131.8	0.0	131.8	0.0	0.0	0.0	659.00	10.90
	Sweet Potatoes	108.3	0.0	301.3	0.0	156.6	0.0	88.7	0.0	68.3	0.0	0.0	0.0	0.0	0.0	631.42	31.86
	Watermelon	34.0	0.0	63.0	0.0	64.4	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	166.43	3.63
	Sweetmelon	15.0	0.0	0.0	0.0	69.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.59	2.92
	Lettuce Iceberg	26.8	0.0	25.8	0.0	81.5	0.0	81.5	0.0	81.5	0.0	0.0	0.0	50.5	0.0	325.00	16.70

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 May 2022 - 30 Sep 2022															
Numbers in the table below represents tonnage expected to harvested for local and export market												Last updated: 20 Apr 2022			
PRODUCTION AREAS	CROPS	May-22		Jun-22		Jul-22		Aug-22		Sep-22		Total (for the 5 months period)			
		Local	Export	Yield	Ha to be harvested										
KARSTLAND	Cauliflower	6.5	0.0	2.5	0.0	2.5	0.0	2.5	0.0	0.0	0.0	0.0	0.0	14.00	1.00
	Broccoli	6.5	0.0	2.5	0.0	2.5	0.0	2.5	0.0	0.0	0.0	0.0	0.0	14.00	1.00
	Mushroom	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00

Table 1B continues....

CENTRAL	Cauliflower	3.5	0.0	2.5	0.0	0.0	0.0	20.0	0.0	0.0	0.0	25.00	2.60
	Broccoli	2.0	0.0	2.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	20.00	2.50
	Mushroom	13.0	0.0	26.0	0.0	26.0	0.0	26.0	0.0	26.0	0.0	104.00	0.90
		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	27.5	0.0	0.0	0.0	17.0	0.0	17.0	0.0	0.0	0.0	95.00	3.10
	Broccoli	10.0	0.0	10.0	0.0	16.0	0.0	16.0	0.0	0.0	0.0	52.00	3.10
	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
Total expected production per crop per month	Cauliflower	37.5	0.0	5.0	0.0	19.5	0.0	39.5	0.0	0.0	0.0	134.00	6.72
	Broccoli	18.5	0.0	14.5	0.0	34.5	0.0	18.5	0.0	0.0	0.0	86.00	6.60
	Mushroom	13.0	0.0	26.0	0.0	26.0	0.0	26.0	0.0	26.0	0.0	104.00	0.90
		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 Apr 2022 TO 30 Aug 2022																																		
NAME OF PRODUCER	MARKET			1-16 May-22					16-31 May-22					Jun-22					Jul-22					Aug-22					Sep-22					
	Informal	Formal	Export	Beetroot	English Cucumber	Sweet Potato	Watermelon	Sweet melon	Lettuce Iceberg	Beetroot	English Cucumber	Sweet Potato	Watermelon	Sweet melon	Lettuce Iceberg	Beetroot	English Cucumber	Sweet Potato	Watermelon	Sweet melon	Lettuce Iceberg	Beetroot	English Cucumber	Sweet Potato	Watermelon	Sweet melon	Lettuce Iceberg	Beetroot	English Cucumber	Sweet Potato	Watermelon	Sweet melon	Lettuce Iceberg	
<b>ZAMBEZI</b>																																		
1	Charity Mutemwa Goasi	√	√																															
2	Joseph Simwanza	√	√																															
3	Molly Mulife	√	√																															
4	Hans Matiti Fwelimbwi	√	√																															
5	Bernard Silwabubi	√	√																															
6	Agnes Limbo	√	√																															
7	Joseph Sikongo	√	√																															
8	Ngalale Pelekelo	√	√																															
9	Jonathana Kamwi	√	√																															
<b>KAVANGO AREA</b>																																		
NAME OF A PRODUCER	Local Informal	Local Formal	Export	1-15 May 2022					16-30 May 2022					Jun-22					Jul-22					Aug-22					Sep-22					
1	Henock Katanga	√	√																															
2	Augustinus Poroto	√	√																															
3	Mberema Anton	√	√																															
4	Virginia Ngura	√	√																															
5	Lazarus Nande	√	√																															
6	Josef Shindimba	√	√																															





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

TABLE: 2B																																												
KEYS : CAULIFLOWER  BROCCOLI  MUSHROOM 																																												
PERIOD: 01 May 2022 TO 30 Sep 2022																																												
NAME OF PRODUCER	MARKET	May-22					Jun-22					Jul-22					Aug-21				Sep-22																							
		Informal	Formal	Export	Cauliflower	Broccoli	Mushroom	Cauliflower	Broccoli	Mushroom	Cauliflower	Broccoli	Mushroom	Cauliflower	Broccoli	Mushroom	Cauliflower	Broccoli	Mushroom	Cauliflower	Broccoli	Mushroom																						
<b>KARSTLAND AREA</b>																																												
1	Tommie Martinson	√	√																																									
2	Basie Prinsolo	√	√																																									
<b>CENTRAL AREA</b>																																												
1	Jan Conradie	√	√																																									
2	Jaques Berg	√	√																																									
3	Johaness Meyer	√	√																																									
4	Lothar Kollmitz	√	√																																									
5	Hueston Groenwald	√	√																																									
<b>SOUTH AND ORANGE RIVER AREAS</b>																																												
1	Jimmy O Kennedy	√	√																																									
2	G.F van Renburg	√	√																																									
3	Peter de Lange	√	√																																									
4	Johan Roux	√	√																																									

Source: NAB 2022

#### 4. EXPECTED PRODUCTION AND DEMAND ANNALYSIS

##### 4.1 TABULATION ANALYSIS OF DOMESTIC DEMAND

According to table 3A, sufficient local supply of English Cucumbers and Sweet Potatoes is expected during the forecasted period. Beetroots will only be sufficient during the first two weeks of the forecast. While insufficient supply of Lettuce, Watermelon and Sweetmelon will be expected during 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 Apr 2022</b>								
<b>Crops</b>	<b>Expected Surplus or Shortage</b>	<b>1-15 May 22</b>	<b>16-31 May 22</b>	<b>Jun-22</b>	<b>Jul-22</b>	<b>Aug-22</b>	<b>Sep-22</b>	<b>Total</b>
<b>Beetroot</b>	Expected Tonnage for domestic market	104	15	44	6	0	0	<b>154</b>
	Average Domestic Demand (2021)	40	40	105	105	105	105	<b>460</b>
	Surplus / shortage (Tonnage)	64	-25	-61	-99	-105	-105	<b>-306</b>
<b>English Cucumber</b>	Expected Tonnage for domestic market	66	66	132	132	132	132	<b>593</b>
	Average Domestic Demand (2021)	47	47	93	93	93	93	<b>419</b>
	Surplus / shortage (Tonnage)	19	19	39	39	39	39	<b>175</b>
<b>Sweet Potato</b>	Expected Tonnage for domestic market	108	301	157	89	68	0	<b>422</b>
	Average Domestic Demand (2021)	60	60	120	120	120	120	<b>540</b>
	Surplus / shortage (Tonnage)	48	241	37	-31	-52	-120	<b>-118</b>
<b>Watermelon</b>	Expected Tonnage for domestic market	34	63	64	5	0	0	<b>103</b>
	Average Domestic Demand (2021)	70	70	140	140	140	140	<b>630</b>
	Surplus / shortage (Tonnage)	-36	-7	-76	-135	-140	-140	<b>-527</b>
<b>Sweet melon</b>	Expected Tonnage for domestic market	15	0	70	0	0	0	<b>85</b>
	Average Domestic Demand (2021)	35	35	70	70	70	70	<b>315</b>
	Surplus / shortage (Tonnage)	-20	-35	0	-70	-70	-70	<b>-230</b>
<b>Lettuce Iceberg</b>	Expected Tonnage for domestic market	27	26	82	82	82	51	<b>322</b>
	Average Domestic Demand (2021)	38	38	75	75	75	75	<b>338</b>
	Surplus / shortage (Tonnage)	-11	-12	7	7	7	-25	<b>-16</b>

Source: NAB 2022

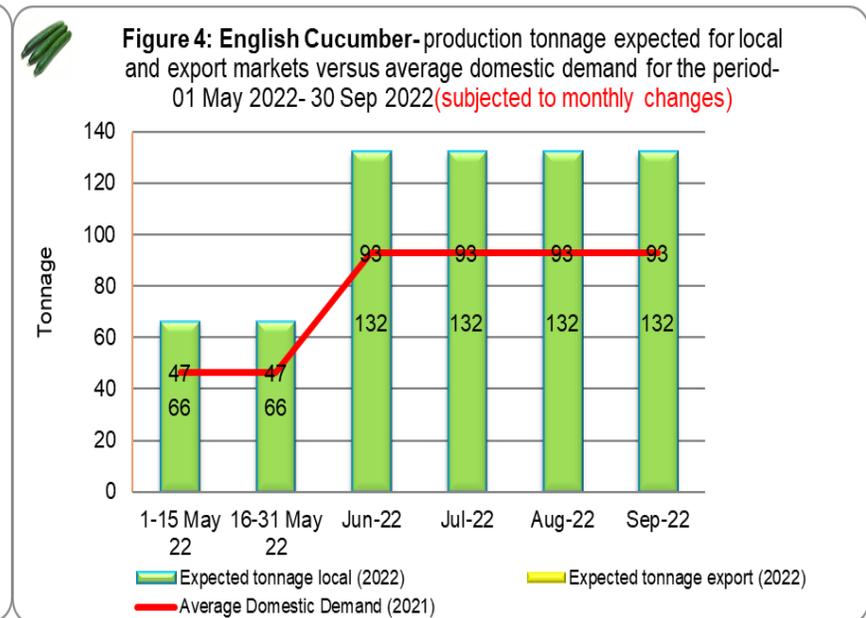
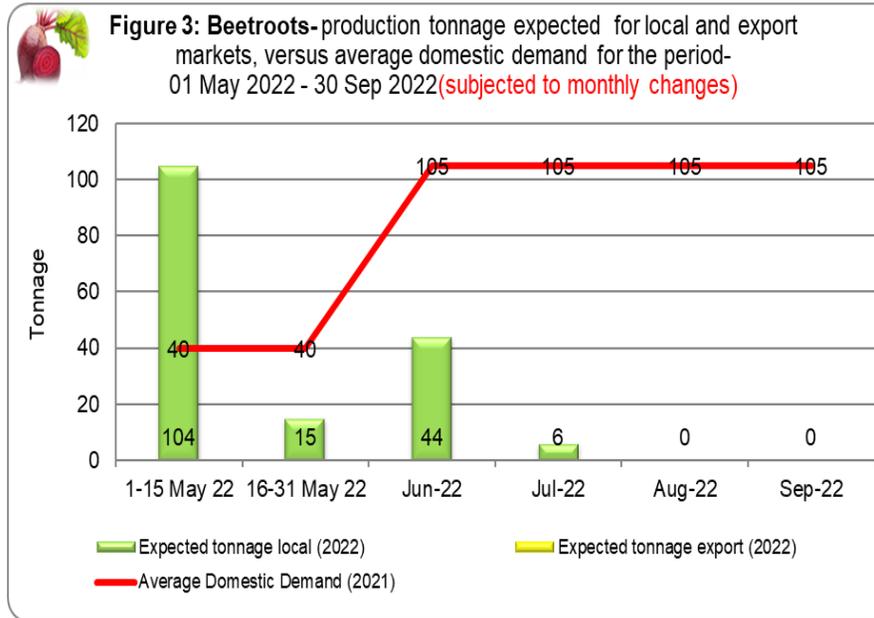
Table 3B indicate the total availability tonnage of Mushroom, Cauliflower and Broccoli as monitored crops.

<b>Table 3B: Analysis of the total expected tonnage for domestic market versus domestic demand.</b>							
<b>Crops</b>	<b>Expected Surplus or Shortage</b>	<b>May-22</b>	<b>Jun-22</b>	<b>Jul-22</b>	<b>Aug-22</b>	<b>Sep-22</b>	<b>Total</b>
<b>Cauliflower</b>	Expected Tonnage for domestic market	35	3	17	40	3	<b>97</b>
	Average Domestic Demand (2021)	40	40	40	40	40	<b>200</b>
	Surplus / shortage (Tonnage)	<b>-5</b>	<b>-38</b>	<b>-23</b>	<b>-1</b>	<b>-38</b>	<b>-104</b>
<b>Broccoli</b>	Expected Tonnage for domestic market	16	12	32	19	3	<b>81</b>
	Average Domestic Demand (2021)	30	30	30	30	30	<b>150</b>
	Surplus / shortage (Tonnage)	<b>-14</b>	<b>-18</b>	<b>2</b>	<b>-12</b>	<b>-28</b>	<b>-69</b>
<b>Mushroom</b>	Expected Tonnage for domestic market	13	26	26	26	26	<b>117</b>
	Average Domestic Demand (2021)	40	40	40	40	40	<b>200</b>
	Surplus / shortage (Tonnage)	<b>-27</b>	<b>-14</b>	<b>-14</b>	<b>-14</b>	<b>-14</b>	<b>-83</b>

Source: NAB 2022

## 5 GRAPHICAL ANALYSIS

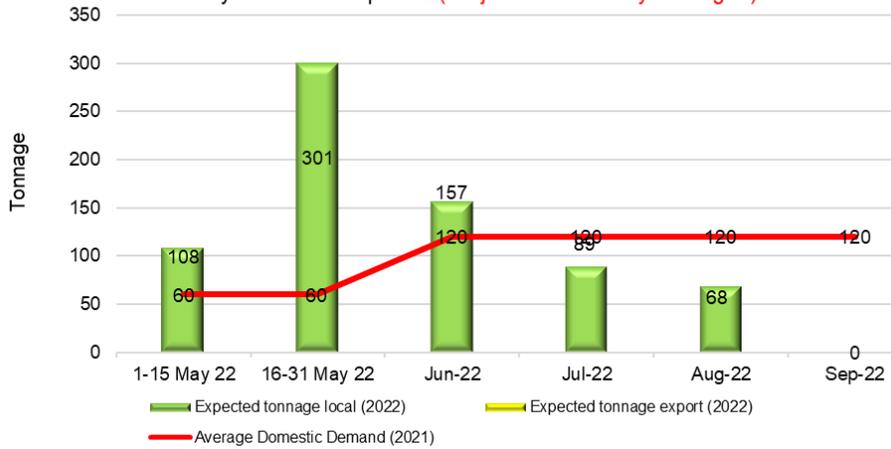
Figure 3 and 4 shows that there will be sufficient local supply for English Cucumbers and Sweet potatoes for the forecasted period as illustrated in the graphs below. Beetroots will be sufficient for the first two weeks of the forecast as indicated in figure 3.



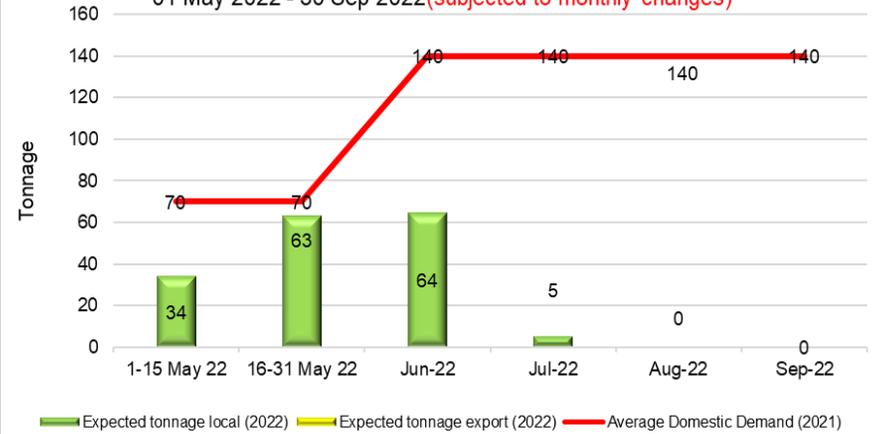
Graphical analysis continues.....



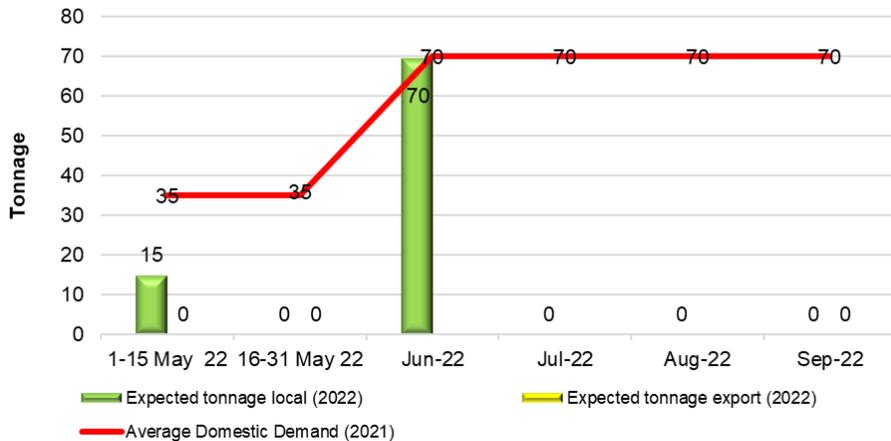
**Figure 5: Sweet Potatoes**-production tonnage expected for local and export markets, versus average domestic demand for the period- 01 May 2022 - 30 Sep 2022 (subjected to monthly changes)



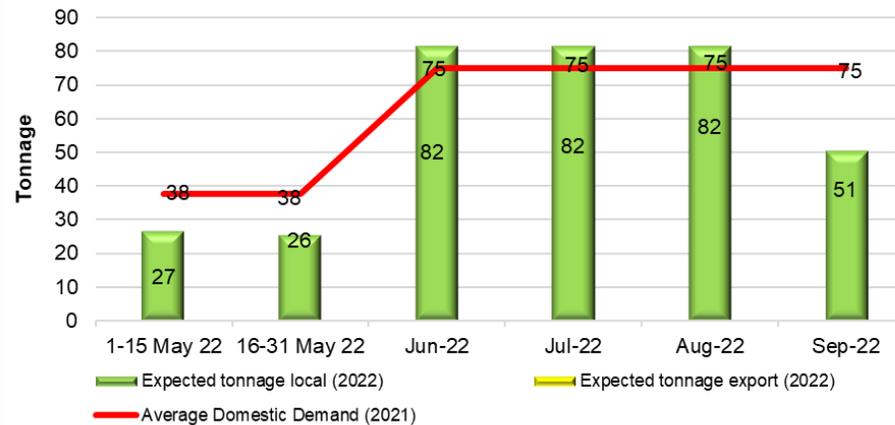
**Figure 6: Watermelon**-production tonnage expected for local and export markets, versus average domestic demand for the period 01 May 2022 - 30 Sep 2022 (subjected to monthly changes)



**Figure 7: Sweet melon** production tonnage expected for local and export markets, versus domestic demand for the period 01 May 2022 - 30 Sep 2022 (subjected to monthly changes)

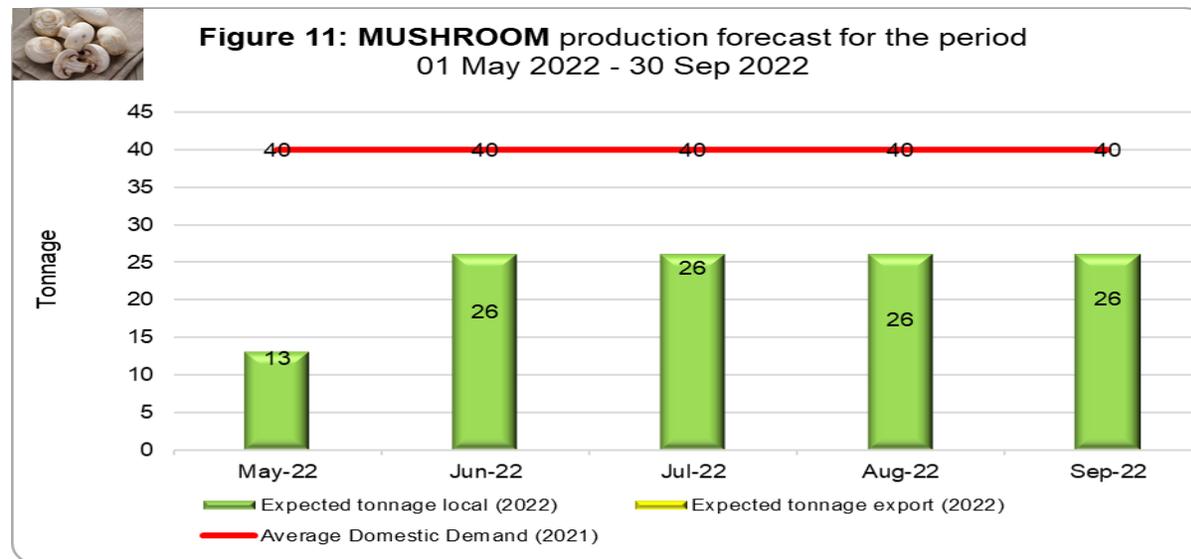
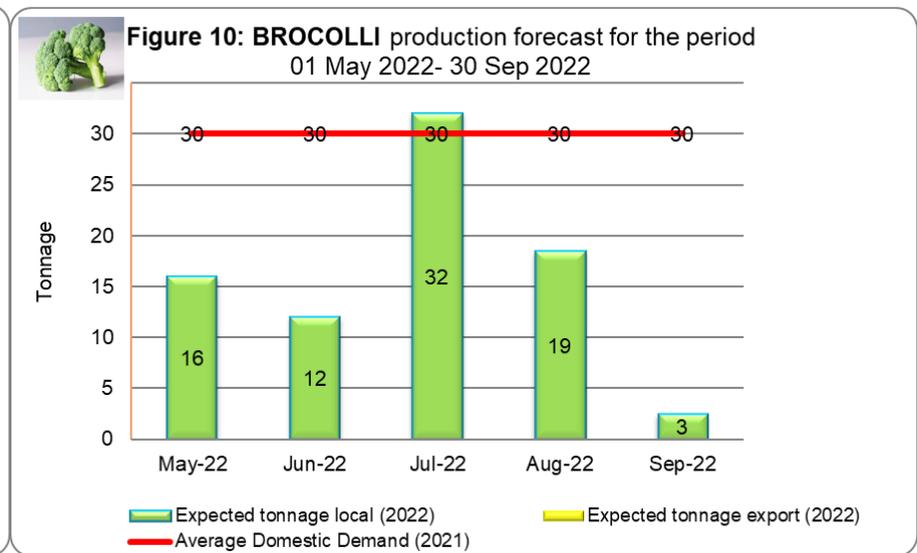
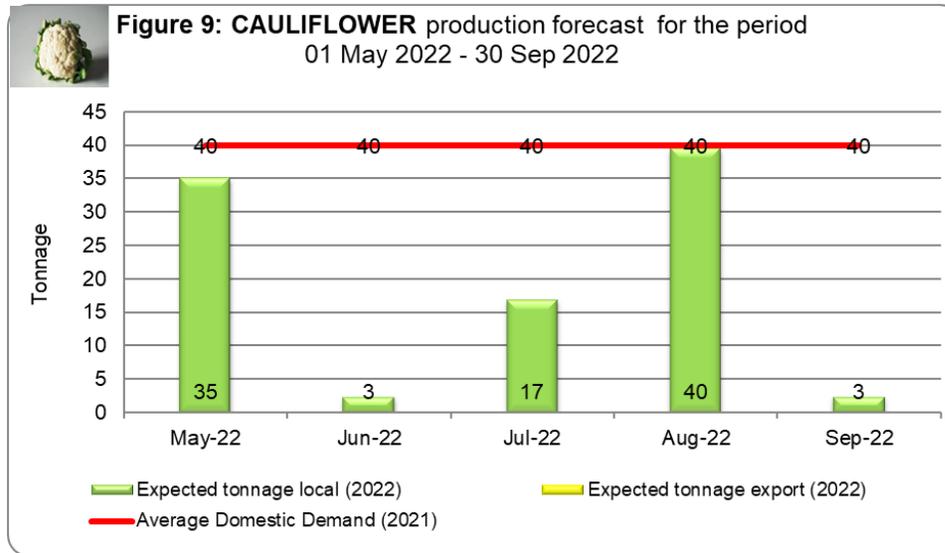


**Figure 8: Lettuce Iceberg** production tonnage expected for local and export markets, versus average domestic demand for the period- 01 May 2022 - 30 Sep 2022 (subjected to monthly changes)



Source: NAB 2022

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



Source: NAB 2022

