



Butternuts



Cabbage



Gem Squash



Onions



Potatoes



Pumpkins



Garlic



HORTICULTURE: VEGETABLE PRODUCTION FORECAST

REPORT NO. 1

FORECASTED PERIOD:
01 APRIL TO 31 AUGUST 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 April to 31 August 2022														
Numbers in the table below represents tonnage													Last updated: 22 March 2022	
PRODUCTION AREAS	Special controlled and monitored crops	Apr-22			May-22		Jun-22		Jul-22		Aug-22		Total (for the 5 months period)	
		01-15 Apr 22 Local	16-30 Apr 22 Local	01-30 Apr 22 Export	Local	Export	Local	Export	Local	Export	Local	Export	Yield	Ha to be harvested
ZAMBEZI REGION	Butternuts	3.83	4.49	0.00	7.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.96	1.25
	Cabbage	1.28	5.24	0.00	42.59	0.00	31.60	0.00	0.00	0.00	0.00	0.00	80.70	1.85
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.70	0.10
	Pumpkins	2.13	2.55	0.00	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.36	0.29
KAVANGO REGIONS	Butternuts	0.00	34.85	0.00	30.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.06	5.04
	Cabbage	7.65	0.41	0.00	35.03	0.00	11.42	0.00	25.50	0.00	0.00	0.00	80.01	3.67
	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	0.00	0.00	0.32	0.00	29.75	0.00	0.00	0.00	30.07	1.01
	Potatoes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Pumpkins	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORTH CENTRAL	Butternuts	34.68	41.14	0.00	95.33	0.00	102.51	0.00	3.74	0.00	0.00	0.00	277.40	15.89
	Cabbage	36.04	14.79	0.00	124.61	0.00	82.20	0.00	20.66	0.00	0.00	0.00	278.29	9.92
	Gem squash	5.95	5.10	0.00	10.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.25	1.17
	Onions	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
	Pumpkins	12.75	17.85	0.00	42.50	0.00	38.25	0.00	25.50	0.00	25.50	0.00	162.35	6.85
KARSTLAND	Butternuts	44.20	52.70	0.00	251.18	0.00	277.95	0.00	110.50	0.00	85.00	0.00	821.53	37.50
	Cabbage	73.95	63.75	0.00	481.95	0.00	328.10	0.00	220.15	0.00	112.20	0.00	1280.10	20.21
	Gem squash	4.25	1.70	0.00	0.00	0.00	4.25	0.00	0.00	0.00	0.00	0.00	10.20	0.50
	Onions	0.00	297.50	0.00	1445.00	0.00	1105.00	340.00	1232.50	369.75	696.15	255.00	5740.90	127.15
	Potatoes	195.50	637.50	0.00	588.20	0.00	1640.50	68.00	1109.25	164.90	1445.00	190.40	6039.25	174.50
	Pumpkins	29.75	4.25	0.00	8.50	0.00	4.25	0.00	92.23	0.00	170.00	0.00	308.98	8.05
CENTRAL	Butternuts	34.00	49.30	0.00	39.10	0.00	42.50	0.00	0.00	0.00	0.00	0.00	164.90	6.20
	Cabbage	63.75	63.75	0.00	136.00	0.00	383.35	0.00	379.10	0.00	221.85	0.00	1247.80	23.30
	Gem squash	0.00	0.00	0.00	7.65	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	0.00	0.00	397.38	0.00	493.00	318.75	845.75	318.75	2373.63	45.25
	Potatoes	255.00	0.00	0.00	265.20	0.00	743.75	0.00	212.50	0.00	0.00	0.00	1476.45	47.50
	Pumpkins	42.08	41.65	0.00	43.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	127.08	3.80
SOUTH AND ORANGE RIVER	Butternuts	45.48	54.40	0.00	104.13	0.00	184.03	0.00	0.00	85.00	0.00	348.50	821.53	31.05
	Cabbage	68.00	95.20	0.00	382.50	0.00	297.50	0.00	242.25	0.00	42.50	0.00	1127.95	22.85
	Gem squash	0.00	8.50	0.00	17.00	0.00	0.00	0.00	0.00	85.00	0.00	85.00	195.50	11.00
	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	46.75	72.25	0.00	241.40	0.00	112.20	0.00	39.10	0.00	0.00	0.00	511.70	14.20
Total expected production tonnage per crop per month	Butternuts	162	237	0	528	0	607	0	114	85	85	349	2166	97
	Cabbage	251	243	0	1203	0	1134	0	888	0	377	0	4095	82
	Gem Squash	10	15	0	35	0	4	0	0	85	0	85	235	13
	Onions	1	298	0	1447	0	1503	340	1755	689	1542	574	8148	174
	Potatoes	451	638	0	853	0	2384	68	1322	165	1445	190	7516	222
	Pumpkins	133	139	0	336	0	155	0	157	0	196	0	1115	33
	Garlic	0	0	0	0	0	0.1	0	0	0	12	0	12.1	2.02

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 April to 31 August 2022 Last updated: 22 March 2022																																											
Contact Person	Target Market			01-15 Apr 2022						16-30 Apr 2022						May-22						Jun-22						Jul-22						Aug-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	Butternuts	Cabbage	Gem Squash	Onions	Potatoes	Pumpkins				
ZAMBEZI																																											
1	Andrew Inambao	√	√																																								
2	Benedict Musialike	√	√																																								
3	Charity Mulemwa Goaises	√	√																																								
4	Clemens Makumbi	√	√																																								
5	Clement Mulyokela	√	√																																								
6	Cletius Mushaukwa	√	√																																								
7	Elina Kalundu	√	√																																								
8	George Nalisa	√	√																																								
9	George Sauriri	√	√																																								
10	Hidden Kabula	√	√																																								
11	Jonathan Kamwi	√	√																																								
12	Joseph Simataa	√	√																																								
13	Joseph Simwanza	√	√																																								
14	Kenneth Simasiku Sitali	√	√																																								
15	Knox Salushando	√	√																																								
16	Lemmy Mishake Muhinda	√	√																																								
17	Ngalaule Pelekelo	√	√																																								
18	Raphael Kachana	√	√																																								
19	Richard Kambinda	√	√																																								
20	Tomola Fabian	√	√																																								
21	Vincent Siliye	√	√																																								

Table 3A continues.....

KAVANGO

Contact Person		Local informal	local Formal	Export	01-15 Apr 2022					16-30 Apr 2022					May-22					Jun-22					Jul-22					Aug-22				
1	Andrew Kashera	✓	✓																															
2	Augustinus Poroto	✓	✓																															
3	David Kandara	✓	✓																															
4	Henrick Locke	✓	✓																															
5	Jonathan Mukwangu	✓	✓																															
6	Lazarus Nande	✓	✓																															
7	Nangolo Henock Katanga	✓	✓																															
8	Maxwell Nghidinwa	✓	✓																															
9	Nehemia Hausiku	✓	✓																															
10	Wilhelm Ndungula	✓	✓																															

NORTH CENTRAL									
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[illegible]

Table 3A continues.....

SOUTH AND ORANGE RIVER																																								
NAME OF PRODUCER		Local informal	local Formal	Export	01-15 Apr 2022						16-30 Apr 2022						May-22						Jun-22						Jul-22						Aug-22					
1	Arthur Makhaza	√	√																																					
2	Burger J. Harmse	√	√																																					
3	Charl Van Rensburg	√	√																																					
4	Ernst de Waal	√	√																																					
5	G.F. Janse van Rensburg	√	√																																					
6	Hendrik Berg	√	√																																					
7	Hentie van Dyk	√	√																																					
8	Herman van Dyk	√	√																																					
9	Hoekes van Niekerk	√	√																																					
10	Inonge Mutwa	√	√																																					
11	Kirk Basingthwaighte	√	√																																					
12	Louis Louw	√	√																																					
13	Rudi Kotze	√	√																																					
14	SSW and Fanie Louw	√	√																																					
15	Ulrich Schneider	√	√																																					
16	Zirk Jansen	√	√																																					
Note: Producers not listed herein, it is either because they will not harvest any of the six (6) special controlled products or they did not provide their production data for this reporting period.																																								
Kindly note that, producers who wash potatoes in Namibia includes: Lourens Le Grange in Kavango; Cobus Coetzee, Gero Hirsch, Hansie van der Merwe, Jan Keyser and Tommie Martinson in the Karst while Etienne Jooste and Ludie Kolver are in Central area. All other producers supplies unwashed or brushed potatoes.																																								

Source: NAB, 2022

Table 3B shows availability of the expected **Garlic** as **monitored controlled crop** per area, per producer. This table further shows that garlic is only expected to be available in karst and central area. Traders are advised to contact producers listed in table 3B below to place their local purchase orders hence meet the 47% MSP requirements.

Table 3B: THE FIVE MONTHS EXPECTED AVAILABILITY OF THE GARLIC AS MONITORED CROP						
KEY: GARLIC = 						
PERIOD: 01 April to 31 August 2022				Last updated: 22 March 2022		
NAME OF PRODUCER	01-15 Apr 22	16-30 Apr 22	May-22	Jun-22	Jul-22	Aug-22
Karst Area						
1 Fanuel Uugwanga						
Central Area						
1 Okoronyama						

Source: NAB, 2022

4. EXPECTED PRODUCTION VS DEMAND ANALYSIS

4.1 TABULATION ANALYSIS

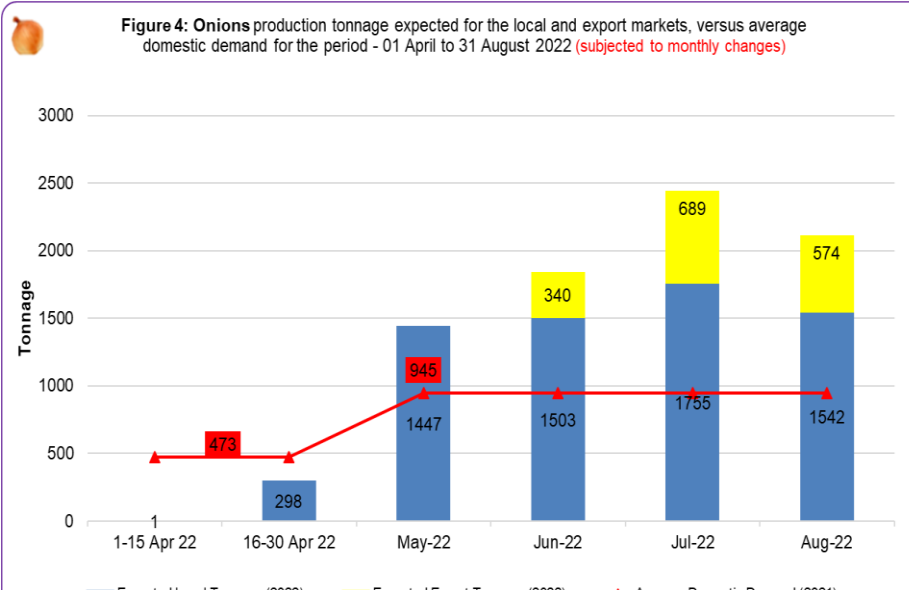
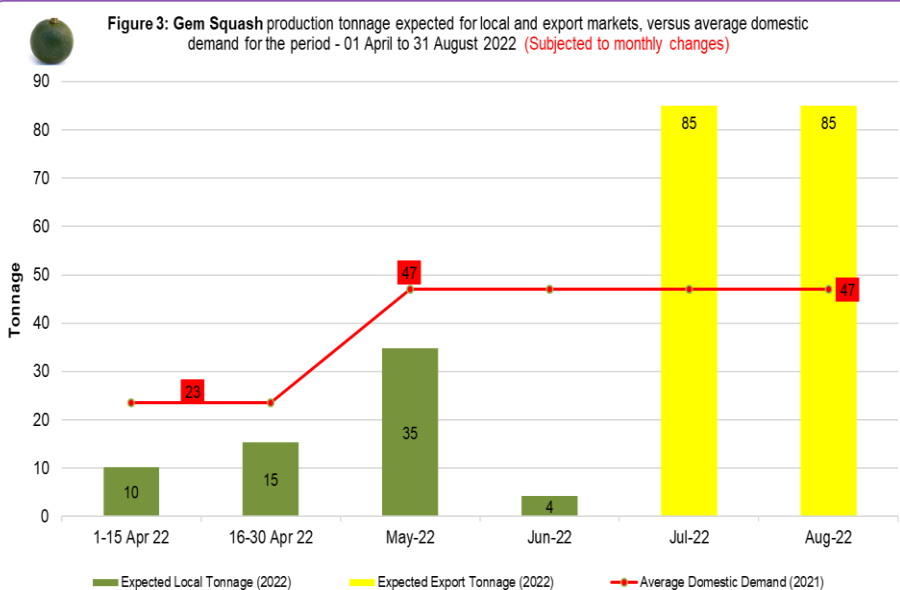
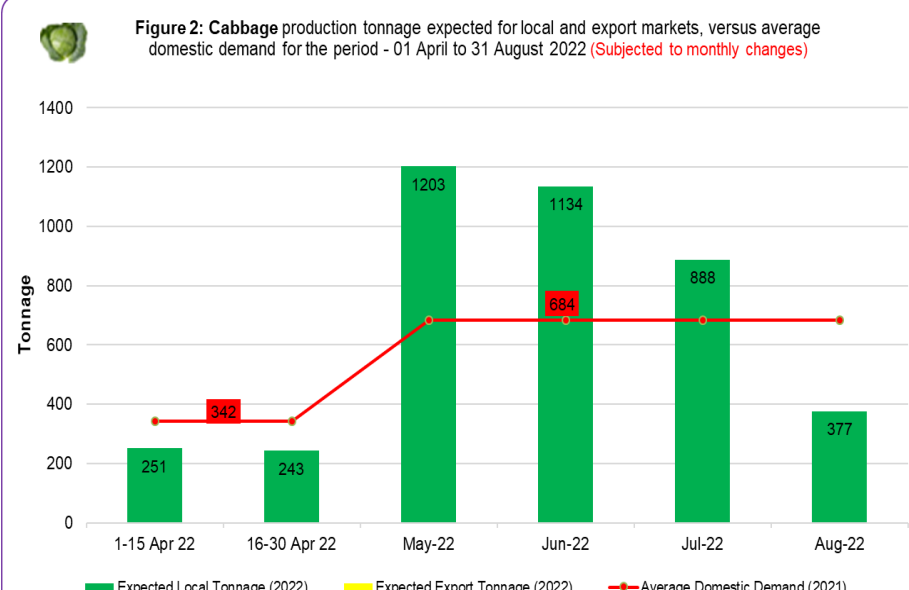
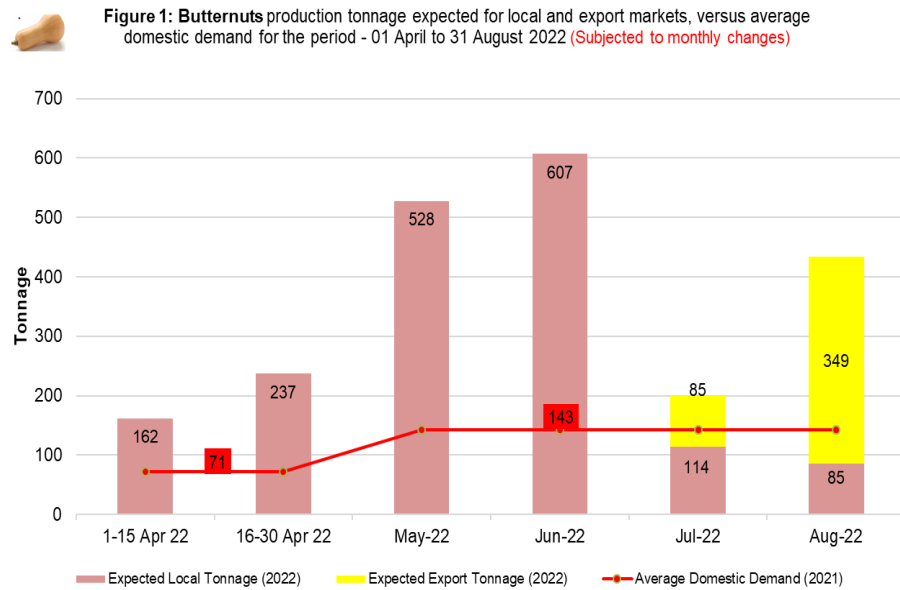
Table 4 below shows that, the total tonnage expected for butternuts and pumpkins will be sufficient to satisfy the domestic market during the special permit period of 01-30 April 2022. **Table 4** further shows that; cabbage, gem squash, onions and potatoes are expected to be insufficient in April 2022.

Table 4: ANALYSIS OF THE EXPECTED TONNAGE FOR DOMESTIC MARKET VERSUS AVERAGE DOMESTIC DEMAND								
Numbers in this table represents tonnage					Last updated: 22 March 2022			
Special Controlled Crops	Expected Surplus or Shortage	01-15 Apr 2022	16-30 Apr 2022	May-22	Jun-22	Jul-22	Aug-22	Total
Butternuts	Expected for domestic market	162	237	528	607	114	85	1571
	Average domestic demand	71	71	143	143	143	143	643
	Surplus / shortage	91	165	385	464	-29	-58	928
Cabbage	Expected for domestic market	251	243	1203	1134	888	377	3844
	Average domestic demand	342	342	684	684	684	684	3078
	Surplus / shortage	-91	-99	519	450	204	-307	767
Gem Squash	Expected for domestic market	10	15	35	4	0	0	54
	Average domestic demand	23	23	47	47	47	47	211
	Surplus / shortage	-13	-8	-12	-43	-47	-47	-157
Onions	Expected for domestic market	1	298	1447	1503	1755	1542	6545
	Average domestic demand	473	473	945	945	945	945	4253
	Surplus / shortage	-472	-174	502	558	810	597	2292
Potatoes	Expected for domestic market	451	638	853	2384	1322	1445	6642
	Average domestic demand	1,494	1494	2989	2989	2989	2989	13450
	Surplus / shortage	-1044	-857	-2135	-605	-1667	-1544	-6808
Pumpkins	Expected for domestic market	133	139	336	155	157	196	1115
	Average domestic demand	41	41	83	83	83	83	415
	Surplus / shortage	92	97	253	72	74	113	701

Source: NAB, 2022

4.2 GRAPHICAL ANALYSIS

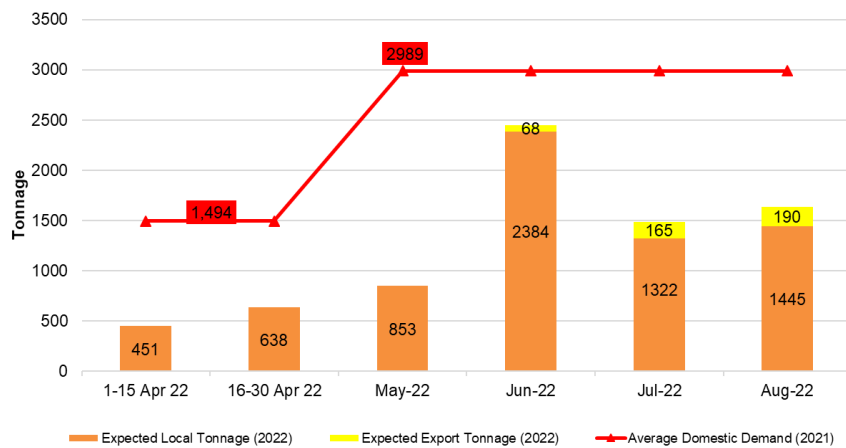
Graphical analysis shows the domestic production tonnage expected for the local and export markets as well as the average domestic demand. **Figure 1 and 6** below shows that the projected production tonnage for butternuts and pumpkins reserved for local market are expected to be sufficient in April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



Graphical analysis figures continue...



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

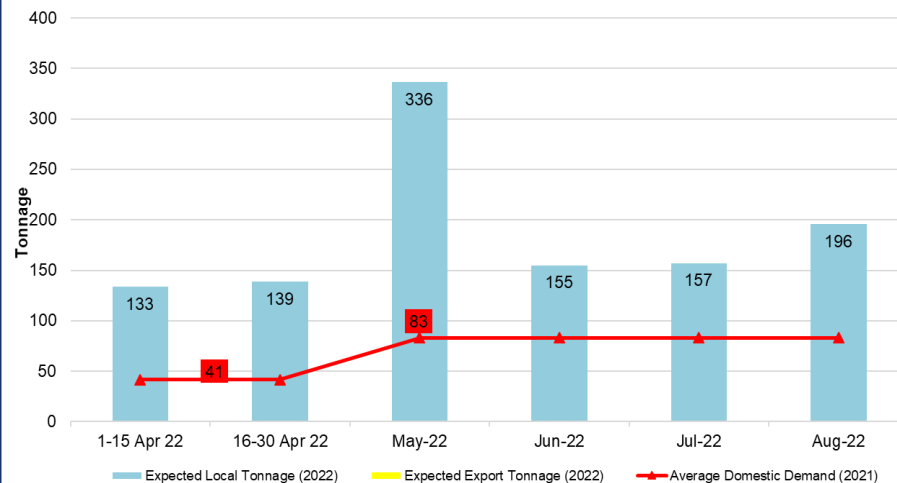
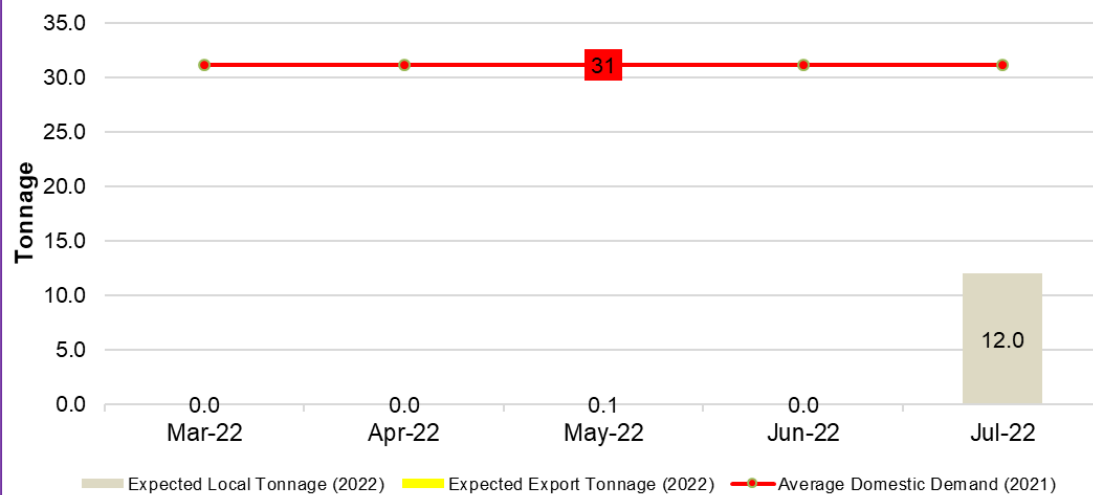


Figure A below shows that, the projected tonnage for garlic (monitored crop) is expected to be insufficient throughout this reporting period.



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



Source: NAB, 2022

5. CONCLUSIONS AND RECOMMENDATIONS

The report concludes that, there will be **sufficient local supply** of **butternuts** and **pumpkins** in April 2022. It is thus recommended for **borders to remain closed** to restrict the importation of these two (2) crops during the special permit period of **01 – 30 April 2022**.

The report further concluded that, the country expects a slight shortage of cabbage in April 2022. Hence recommend for borders to be open, to allow registered Traders to import **cabbage** on a pro rata base (**30% import and 70% local**).

Moreover, this report concluded that, **local supply** of **gem squash, onions** and **potatoes** are expected to be **insufficient** in April 2022. It is therefore recommended that the **borders will be open** to allow importation of these products without restrictions; however, 47% MSP rules shall apply at all times. **Traders** are however encouraged to continue sourcing locally, irrespective of close or open borders implementation for such products and only import when deemed necessary.

In addition, the report revealed that local production of **garlic** is expected to be insufficient throughout this reporting period. It is crucial to note that, open / close border does not apply to **garlic** as it is still a monitored crop.

Conclusively, Traders are encouraged to ensure compliance to the 47% minimum Market Share Promotion requirement by buying more of local produced vegetables. For that reason, traders are 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.

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Colour Pepper



Tomato Round



Tomato Jam



Carrot



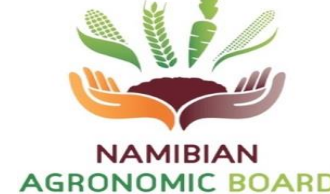
Green Pepper



Spinach



Sweetcorn



HORTICULTURE: VEGETABLES PRODUCTION FORECAST

REPORT NO.2

FORECASTED PERIOD:

01 APRIL 2022 TO 31 AUGUST 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 close border period whenever sufficient local production is expected, and this scheme is implemented in line with the market share promotion scheme. Monitored crops are those horticultural crops whose production is closely monitored, and have the greatest potential to be converted into special controlled products in the future. 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 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, Green Pepper, Carrot and Jam Tomato respectively, are the top commodities with high-expected tonnages during the forecasted period. Detailed information for expected production, per crop per production zone are shown in Table 2 below.

Table 2: EXPECTED PRODUCTION OF SPECIAL CONTROLLED PRODUCTS PER CROP PER AREA															
		Numbers in the table below represents tonnage													
PRODUCTION AREA	CROP	01-15 Apr 22		16-30 Apr 22		May-22		Jun-22		Jul-22		Aug-22		Totals	
		Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Expected tonnage	Hectares planted
ZAMBEZI	Tomato Round	6.6	0.0	9.4	0.0	16.1	0.0	13.8	0.0	9.7	0.0	4.0	0.0	59.6	2.6
	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	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.4	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
	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	9.5	0.0	28.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5	2.9
	Tomato Jam	0.0	0.0	1.0	0.0	8.8	0.0	12.5	0.0	4.5	0.0	0.2	0.0	27.0	1.0
	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	1.1	0.0	1.1	0.0	1.1	0.0	0.9	0.0	0.5	0.0	0.2	0.0	5.0	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	0.0	0.0	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	9.5	0.0	7.5	0.0	66.5	0.0	59.3	0.0	15.1	0.0	2.2	0.0	160.0	9.6
	Carrot	2.0	0.0	5.0	0.0	4.0	0.0	5.0	0.0	2.0	0.0	0.0	0.0	17.9	0.9
	Green Pepper	1.6	0.0	2.0	0.0	6.3	0.0	6.9	0.0	7.0	0.0	3.2	0.0	26.9	2.2
	Coloured Pepper	0.0	0.0	0.0	0.0	0.4	0.0	0.8	0.0	0.8	0.0	0.8	0.0	2.6	0.2
	Spinach	1.8	0.0	1.8	0.0	2.0	0.0	1.7	0.0	1.7	0.0	0.9	0.0	9.7	0.6
	Sweetcorn	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0

Table 2 continued.

KARST	Tomato Round	36.7	0.0	36.7	0.0	60.3	0.0	4.8	0.0	1.4	0.0	1.4	0.0	141.3	12.2
	Tomato Jam	9.4	0.0	9.5	0.0	216.0	0.0	236.2	0.0	152.1	0.0	35.0	0.0	658.2	23.0
	Carrot	31.8	0.0	35.7	0.0	501.5	0.0	260.0	0.0	240.0	0.0	0.0	0.0	1069.0	49.1
	Green Pepper	9.7	0.0	12.7	0.0	25.4	0.0	24.3	0.0	15.9	0.0	3.9	0.0	91.9	4.2
	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	1.3	0.0	2.0	0.0	2.0	0.0	2.0	0.0	8.6	0.3
CENTRAL	Sweetcorn	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	8.8
	Tomato Round	53.6	0.0	51.1	0.0	90.7	0.0	71.4	0.0	71.4	0.0	63.4	0.0	401.5	8.7
	Tomato Jam	0.3	0.0	1.1	0.0	64.8	0.0	60.8	0.0	52.5	0.0	52.5	0.0	232.0	1.2
	Carrot	15.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	1.0
	Green Pepper	22.9	0.0	22.4	0.0	51.0	0.0	42.0	0.0	15.7	0.0	10.8	0.0	164.7	4.2
	Coloured Pepper	67.0	0.0	67.0	0.0	134.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	268.0	3.0
SOUTH AND ORANGE RIVER	Spinach	1.0	0.0	1.0	0.0	2.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	5.4	0.6
	Sweetcorn	0.0	0.0	0.0	0.0	1.8	0.0	1.8	0.0	6.8	0.0	1.8	0.0	12.0	1.5
	Tomato Round	10.0	0.0	13.2	0.0	835.8	0.0	1793.4	0.0	1935.4	0.0	1935.4	0.0	6523.3	114.1
	Tomato Jam	1.0	0.0	1.0	0.0	18.1	0.0	18.1	0.0	1.1	0.0	1.1	0.0	40.4	1.5
	Carrot	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	8.0	0.3
	Green Pepper	3.2	0.0	3.2	0.0	144.1	0.0	324.6	0.0	400.1	0.0	400.1	0.0	1275.3	44.6
Total expected per crop per month	Coloured Pepper	0.0	0.0	31.8	0.0	63.6	0.0	63.6	0.0	63.6	0.0	63.6	0.0	286.3	8.8
	Spinach	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	10.0	1.0
	Sweetcorn	6.5	0.0	6.5	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	4.5
	Tomato Round	116.4	0.0	119.9	0.0	1031.5	0.0	1883.3	0.0	2017.9	0.0	2004.2	0.0	7173.1	140.5
	Tomato Jam	20.2	0.0	20.1	0.0	374.2	0.0	386.9	0.0	225.3	0.0	91.0	0.0	1117.5	36.2
	Carrot	48.8	0.0	55.7	0.0	505.5	0.0	273.0	0.0	242.0	0.0	0.0	0.0	1124.9	51.2
	Green Pepper	38.5	0.0	41.4	0.0	228.0	0.0	398.7	0.0	439.3	0.0	418.3	0.0	1564.2	55.8
	Coloured Pepper	67.0	0.0	98.8	0.0	198.0	0.0	64.4	0.0	64.4	0.0	64.4	0.0	557.0	11.9
	Spinach	3.4	0.0	3.4	0.0	15.3	0.0	5.0	0.0	3.7	0.0	2.9	2.0	33.7	2.5
	Sweetcorn	10.6	0.0	6.5	0.0	8.8	0.0	1.8	0.0	6.8	0.0	1.8	0.0	36.1	14.76

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 Apr 2022						16 to 30 Apr 2022						May-22						Jun-22						Jul-22						Aug-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	Andrew Inambao	✓																																					
4	Bernard Sitwabubi	✓																																					
5	Bernard Sitali	✓																																					
6	Charity Mulemwa Goaises	✓																																					
7	Charles Matengu	✓																																					
8	Clement Mulyokela	✓																																					
9	Coster Sillio Mubita	✓																																					
10	Eustance Mujohn	✓																																					
11	Hans Mattiti Fwelimbi	✓																																					
12	Hidden Kabula	✓																																					
13	Ibalelo Ntelamo	✓																																					
14	Jonathan Kamwi	✓																																					
15	Joseph Simataa	✓																																					
16	Kamwi Lubanda	✓																																					
17	Kenneth Simasiku Sitali	✓																																					
18	Knox Salushando	✓																																					
19	Kulumelo Vasco Mutohohi	✓																																					
20	Lemmy Mishake Muhinda	✓																																					
21	Likezo Florance	✓																																					
22	Lucious Chata	✓																																					
23	Marina Musweu	✓																																					
24	Michael Mwiya Kataluka	✓																																					
25	Nanvula Lilungwe	✓																																					
26	Nawa Sikanda	✓																																					
27	Pascor Matengu	✓																																					
28	Purity Chuma Mumba	✓																																					
29	Raphael Simataa	✓																																					
30	Tomola Fabian	✓																																					
31	Vincent Siliye	✓																																					
KAVANGO AREA																																							
SN	Name Of Producer	Local	Export	01 to 15 Apr 2022						16 to 30 Apr 2022						May-22						Jun-22						Jul-22						Aug-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	Andrew Kashera	✓																																					
2	Augustinus Mutjuma	✓																																					
3	Augustinus Poroto Jnr	✓																																					
4	David Kandara	✓																																					
5	Frieda Siwombe	✓																																					
6	Henock Katanga	✓																																					
7	Henrick Lockie	✓																																					

Table 3 continued.

[illegible]

Table 3 continued.

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 Apr 22	16-30 Apr 22	May-22	Jun-22	Jul-22	Aug-22	TOTAL
Tomato Round	Expected for Domestic Market	116.4	119.9	1031.5	1883.3	2017.9	2004.2	7173.1
	Average Domestic Demand	124.0	124.0	248.0	248.0	248.0	248.0	1240.2
	Surplus /Shortage	-7.6	-4.2	783.4	1635.3	1769.9	1756.1	5933.0
Tomato Jam	Expected for Domestic Market	20.2	20.1	374.2	386.9	225.3	91.0	1117.5
	Average Domestic Demand	20.9	20.9	41.8	41.8	41.8	41.8	208.9
	Surplus /Shortage	-0.7	-0.8	332.4	345.1	183.5	49.2	908.7
Carrot	Expected for Domestic Market	48.8	55.7	505.5	273.0	242.0	0.0	1124.9
	Average Domestic Demand	185.9	185.9	371.8	371.8	371.8	371.8	1858.9
	Surplus /Shortage	-137.1	-130.2	133.7	-98.8	-129.8	-371.8	-734.0
Green Pepper	Expected for Domestic Market	38.5	41.4	228.0	398.7	439.3	418.3	1564.2
	Average Domestic Demand	42.6	42.6	85.2	85.2	85.2	85.2	425.8
	Surplus /Shortage	-4.0	-1.2	142.8	313.5	354.1	333.2	1138.4
Colour Pepper	Expected for Domestic Market	67.0	98.8	198.0	64.4	64.4	64.4	557.0
	Average Domestic Demand	18.8	18.8	37.6	37.6	37.6	37.6	188.2
	Surplus /Shortage	48.2	80.0	160.4	26.8	26.8	26.8	368.8
Sweetcorn	Expected for Domestic Market	10.6	6.5	8.8	1.8	6.8	1.8	36.1
	Average Domestic Demand	14.2	14.2	28.3	28.3	28.3	28.3	141.7
	Surplus /Shortage	-3.6	-7.7	-19.6	-26.6	-21.6	-26.6	-105.6
Spinach	Expected for Domestic Market	3.4	3.4	15.3	5.0	3.7	2.9	33.7
	Average Domestic Demand	24.5	24.5	49.0	49.0	49.0	49.0	244.9
	Surplus /Shortage	-21.1	-21.1	-33.7	-44.0	-45.3	-46.1	-211.2

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 Colour Pepper from 01 to 30 April 2022. The majority of crops are insufficient in the permit period under review.



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

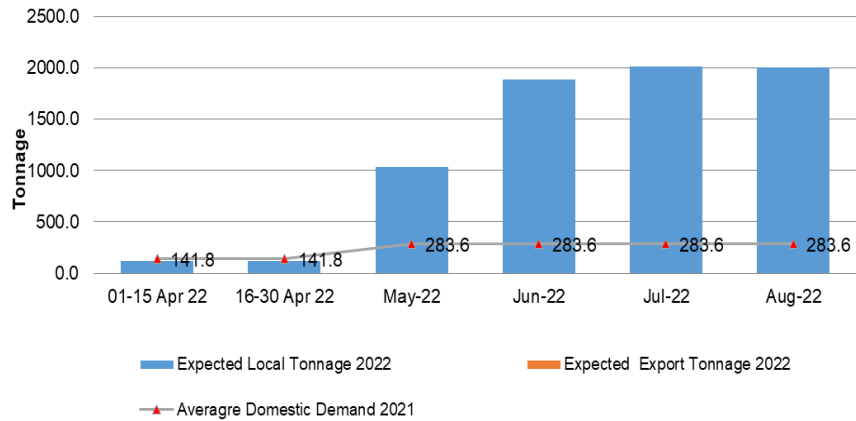


Figure 2: **Tomato Jam** production tonnage expected for local and export markets, versus average domestic demand for the period: 01 April 2022 to 31 August 2022
(Subjected to monthly changes)

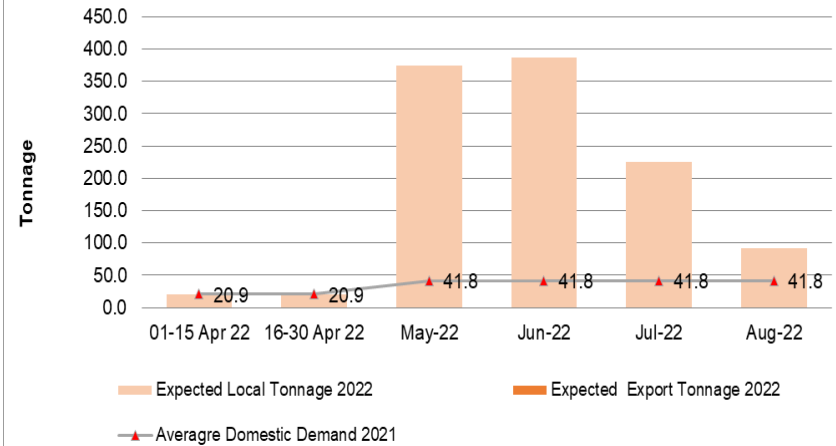


Figure 3: **Carrot** Production tonnage expected for local and export market, versus average domestic demand for the period :01 April 2022 to 31 August 2022.
(Subjected to monthly changes)

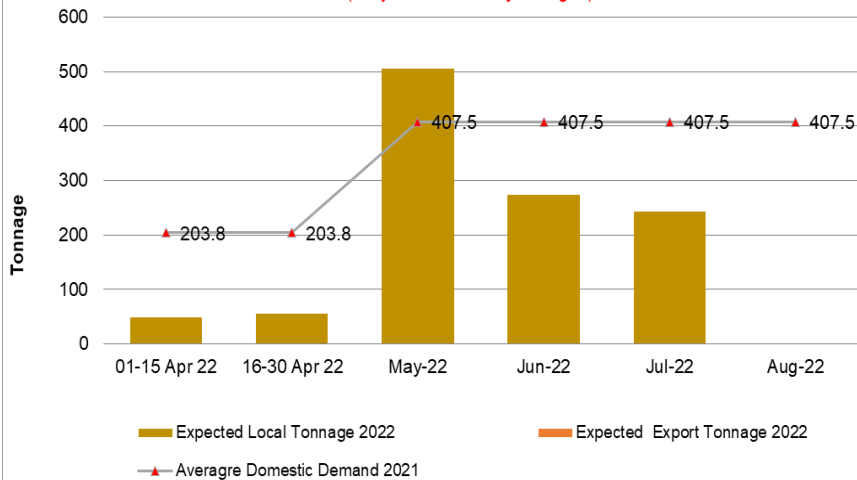


Figure 4: **Green Pepper** Production tonnage expected for local and export market, versus average domestic demand for the period : 01 April 2022 to 31 August 2022.
(Subjected to monthly changes)

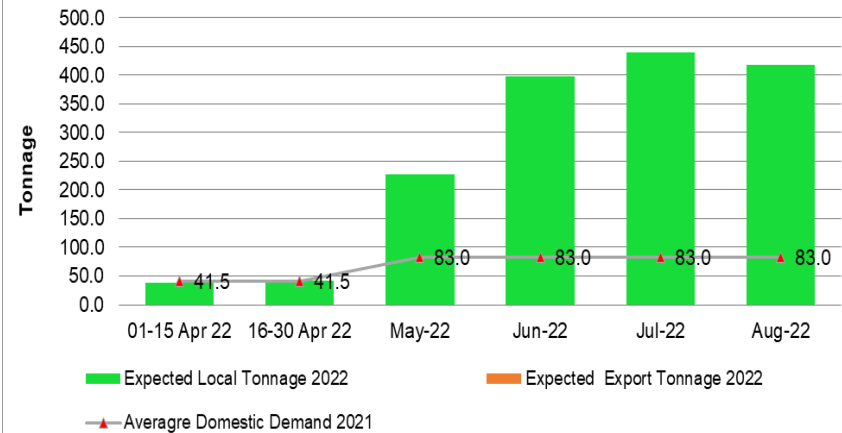




Figure 5: **Sweetcorn** Production tonnage expected for local and export market, versus average domestic demand for the period: 01 April 2022 to 31 August 2022. (Subjected to monthly changes)

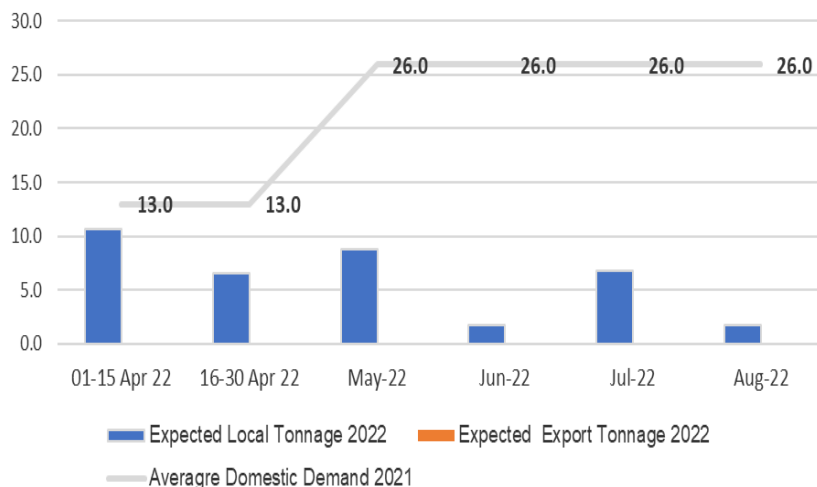


Figure 6: **Colour Pepper** Production tonnage expected for local and export market, versus average domestic demand for the period : 01 April 2022 to 31 August 2022. (Subjected to monthly changes)

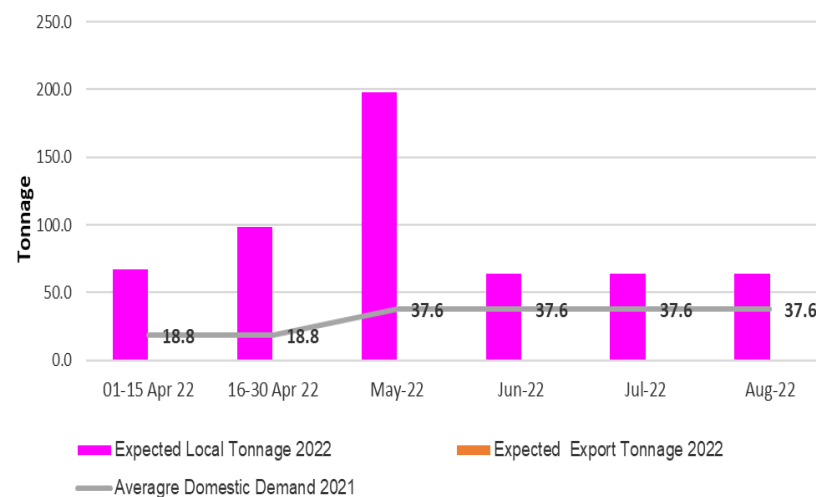
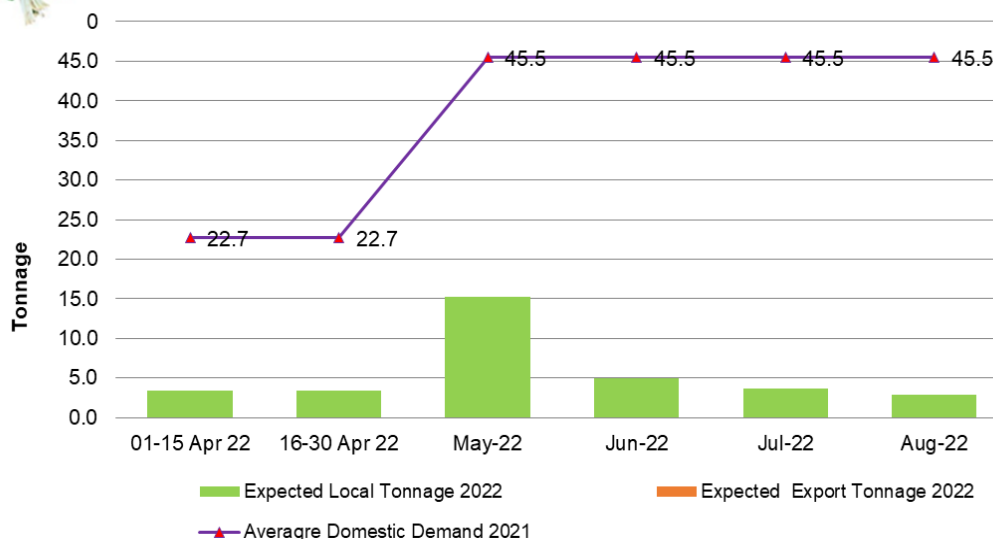


Figure 7 : **Spinach** Production tonnage expected for local and export market, versus average domestic demand for the period : 01 April 2022 to 31 August 2022. (Subjected to monthly changes)



5. CONCLUSIONS AND RECOMMENDATIONS

In conclusion, the report clearly demonstrated that there will be sufficient supply of Colour Pepper during the entire permit period of 01 to 30 April 2022. Whereas, Spinach, Tomato Round, Tomato Jam, Green Pepper, Sweetcorn and Carrot will be insufficient for the whole permit period from 01 to 30 April 2022. It is worth noting that the 47% MSP apply at all the times. It is therefore recommended that the border should be closed 100% for importation of Colour Pepper, for the entire permit period of 01 to 30 April 2022. While, Spinach (20%:80%), Tomato Round/Jam (30%:70%), Sweetcorn (30%/20%), Green Pepper (20%/80%) and Carrot (30%:70%), will be opened for importation on a Prorata basis.

[illegible]



Beetroot



English Cucumber



Sweet Potato



Watermelon



Sweet melon



Lettuce.



Cauliflower



Broccoli



Mushroom



HORTICULTURE: VEGETABLES PRODUCTION FORECAST

REPORT NO 3

FORECASTED PERIOD:

01 APRIL 2022 TO 30 AUGUST 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 and Watermelon and Sweetmelon to be harvested from South and Orange production zones.

Table 1A: Monthly expected production per area, per crop for the period 01 Apr 2022 - 30 Aug 2022															
Numbers in the table below represents tonnage expected to be harvested for local and export market														Last updated: 20 Mar 2022	
PRODUCTION AREAS	CROPS	1-15 Apr 22		16-30 Apr 22		May-22		Jun-22		Jul-22		Aug-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	50.7	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	0.000
NORTH CENTRAL	Beetroot	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.00	0.15
	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	118.1	0.0	50.7	0.0	219.7	0.0	100.2	0.0	45.7	0.0	37.3	0.0	571.76	33.99
	Watermelon	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.40	0.12
	Sweetmelon	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	4.00	0.10
	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	118.5	0.0	0.0	0.0	47.5	0.0	6.0	0.0	75.0	0.0	0.0	0.0	247.00	8.30
	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	21.0	0.0	30.0	0.0	0.0	0.0	4.0	0.0	55.00	2.25
	Watermelon	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	19.00	0.55
	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	0.55	0.00
	Lettuce Iceberg	5.5	0.0	4.5	0.0	9.0	0.0	9.0	0.0	9.0	0.0	9.0	0.0	46.00	3.25
CENTRAL	Beetroot	36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.00	0.90
	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	40.0	0.0	0.0	0.0	120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	160.00	2.50
	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	23.8	0.0	23.8	0.0	47.5	0.0	47.5	0.0	47.5	0.0	47.5	0.0	215.00	11.15

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	0.00	0.00
	English Cucumbers	5.0	0.0	5.0	0.0	10.0	0.0	10.0	0.0	10.0	0.0	10.0	0.0	50.00	5.00
	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	231.00	4.50
	Watermelon	20.0	0.0	0.0	0.0	60.0	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	52.50	1.75
	Lettuce Iceberg	0.0	0.0	12.0	0.0	6.0	0.0	30.0	0.0	30.0	0.0	30.0	0.0	108.00	3.90
Total expected production per crop per month	Beetroot	155.4	0.0	3.0	0.0	51.3	0.0	6.0	0.0	75.0	0.0	0.0	0.0	290.65	9.66
	English Cucumbers	70.9	0.0	70.9	0.0	141.8	0.0	141.8	0.0	141.8	0.0	141.8	0.0	709.00	15.90
	Sweet Potatoes	173.1	0.0	131.4	0.0	331.3	0.0	192.1	0.0	99.6	0.0	41.3	0.0	961.87	46.14
	Watermelon	74.0	0.0	2.4	0.0	195.4	0.0	19.0	0.0	0.0	0.0	0.0	0.0	290.83	5.10
	Sweetmelon	15.0	0.0	0.0	0.0	69.6	0.0	4.0	0.0	0.0	0.0	0.0	0.0	89.14	3.02
	Lettuce Iceberg	29.3	0.0	40.3	0.0	62.5	0.0	86.5	0.0	86.5	0.0	86.5	0.0	369.00	18.30

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 Mar 2022 - 31 Jul 2022													
Numbers in the table below represents tonnage expected to harvested for local and export market												Last updated: 20 Mar 2022	
PRODUCTION AREAS	CROPS	Apr-22		May-22		Jun-22		Jul-22		Aug-22		Total (for the 5 months period)	
		Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Yield	Ha to be harvested
KARSTLAND	Cauliflower	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.00	1.00
	Broccoli	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.00	1.00
	Mushroom	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	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

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
		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
		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	31.0	0.0	10.5	0.0	17.0	0.0	37.0	0.0	0.0	0.0	128.00	6.72
	Broccoli	12.0	0.0	19.0	0.0	32.0	0.0	16.0	0.0	0.0	0.0	79.00	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 ICEBER 																																		
PERIOD: 01 Apr 2022 TO 30 Aug 2022																																		
		MARKET			1-16 Apr-22					16-30 Apr-22					May-22					Jun-22					Jul-22					Aug-22				
NAME OF PRODUCER		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
ZAMBEZI																																		
1	Charity Mutemwa Goasis	√	√																															
2	Joseph Simwanza	√	√																															
3	Molly Mulife	√	√																															
4	Hans Matiti Fwelimbwi	√	√																															
5	Bernard Silwabubi	√	√																															
6	Agnes Limbo	√	√																															
7	Joseph Sikongo	√	√																															
8	Ngalaule Pelekelo	√	√																															
9	Jonathana Kamwi	√	√																															
KAVANGO AREA																																		
NAME OF A PRODUCER		Informal	Formal	Export	1-15 Apr 2022					16-30 Apr 2022					May-22					Jun-22					Jul-22					Aug-22				
1	Henock Katanga	√	√																															
2	Augustinus Poroto	√	√																															
3	Mberema Anton	√	√																															
4	Virginia Ngura	√	√																															
5	Lazarus Nande	√	√																															
6	Josef Shindimba	√	√																															
7	Charity Siseho	√	√																															
8	Jonatha Mukwanqu	√	√																															

Table 2A continues.....

NORTH CENTRAL AREA																																		
NAME OF A PRODUCER		Informal	Formal	Export	1-15 Apr 2022					16-30 Apr 2022					May-22					Jun-22					Jul-22					Aug-22				
1	Paulus Kapuka	✓	✓																															
2	Anna Alweendo	✓	✓																															
3	Noa Hanyanya	✓	✓																															
4	Epafras Nghilengwa	✓	✓																															
5	Shetuuka Shetuuka	✓	✓																															
6	Elise Auino	✓	✓																															
7	Paulus Titus	✓	✓																															
8	Junias Mwafekelange	✓	✓																															
9	Andrease Ashimbanga	✓	✓																															
10	Abisai A Amashili	✓	✓																															
11	Elifas Nuuyoma	✓	✓																															
12	Immanuel Hambiya	✓	✓																															
13	Johaness Naidjala	✓	✓																															
14	Emilie Marais	✓	✓																															
15	Elifas Keendjele	✓	✓																															
16	Thomas Negonga	✓	✓																															
17	Albertus Viljoen	✓	✓																															
18	J Steyn	✓	✓																															
19	Asser Moses	✓	✓																															
20	Paulus Amutenya	✓	✓																															
21	Paulus Kapia	✓	✓																															
22	Simeon Negumbo	✓	✓																															
23	Toivo Shivute	✓	✓																															
24	Emily Naunyango	✓	✓																															
25	Eugen Eugen	✓	✓																															
26	Andrease Shilomboleni	✓	✓																															
27	Hendric Haufiku	✓	✓																															
28	Lichaha Webster & Pupunave Tiavanga	✓	✓																															
29	Kambabi Kapuka	✓	✓																															

Table 2A continues.....

KARSTLAND AREA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
NAME OF A PRODUCER		Informal	Formal	Export	1-15 Apr 2022								16-31 Apr 2022								May-22								Jun-22								Jul-22								Aug-22																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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2	Bernice van Wyk	✓	✓																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

Table 2A continues....

SOUTH AND ORANGE RIVER AREAS																																		
NAME OF PRODUCER		Informal	Formal	Export	1-15 Apr-22					16-30 Apr-22					May-22					Jun-22					Jul-22					Aug-22				
1	Hentie van Dyk	✓	✓																															
2	Herman Van Dyk	✓	✓																															
3	Jimmy O Kennedy	✓	✓																															
4	Kirk Bassingthwaighte	✓	✓																															
5	Abe Oliver	✓	✓																															
6	Peter de Lange	✓	✓																															


Source: NAB 2022

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

TABLE: 2B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
KEYS : CAULIFLOWER 										BROCCOLI 										MUSHROOM 																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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		MARKET			Apr-22						Jun-22						Jul-22						Jul-21					Aug-22																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
NAME OF PRODUCER	I	n	f	o	r	m	a	l	E	x	p	o	r	t	Cauliflower	Broccoli	Mushroom							Cauliflower	Broccoli	Mushroom				Cauliflower	Broccoli	Mushroom				Cauliflower	Broccoli	Mushroom																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

Source: NAB 2022

Table 2B continues...

SOUTH AND ORANGE RIVER AREAS																																						
1	Jimmy O Kennedy	✓	✓																																			
2	G.F van Renburg	✓	✓																																			
3	Peter de Lange	✓	✓																																			
4	Johan Roux	✓	✓																																			

4. EXPECTED PRODUCTION AND DEMAND ANNALYSIS

4.1 TABULATION ANALYSIS OF DOMESTIC DEMAND

According to table 3A, sufficient local supply of English Cucumbers and Beetroots is expected during the forecasted period. Sweet Potatoes will be sufficient during the entire permit period, however, 80% of sweet potatoes figures comprised of catering size. Small - medium is in a limited quantity.

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 Mar 2022								
Crops	Expected Surplus or Shortage	1-15 Apr 22	16-31 Apr 22	May-22	Jun-22	Jul-22	Aug-22	Total
Beetroot	Expected Tonnage for domestic market	155	3	51	6	75	0	288
	Average Domestic Demand (2021)	40	40	105	105	105	105	460
	Surplus / shortage (Tonnage)	115	-37	-54	-99	-30	-105	-172
English Cucumber	Expected Tonnage for domestic market	71	71	142	142	142	142	638
	Average Domestic Demand (2021)	47	47	93	93	93	93	419
	Surplus / shortage (Tonnage)	24	24	49	49	49	49	220
Sweet Potato	Expected Tonnage for domestic market	173	131	331	192	100	41	837
	Average Domestic Demand (2021)	60	60	120	120	120	120	540
	Surplus / shortage (Tonnage)	113	71	211	72	-20	-79	297

Table 3 continues...

Watermelon	Expected Tonnage for domestic market	35	2	195	19	0	0	249
	Average Domestic Demand (2021)	70	70	140	140	140	140	630
	Surplus / shortage (Tonnage)	-35	-68	55	-121	-140	-140	-381
Sweet melon	Expected Tonnage for domestic market	15	0	70	4	0	0	89
	Average Domestic Demand (2021)	35	35	70	70	70	70	315
	Surplus / shortage (Tonnage)	-20	-35	0	-66	-70	-70	-226
Lettuce Iceberg	Expected Tonnage for domestic market	29	40	63	87	87	87	351
	Average Domestic Demand (2021)	38	38	75	75	75	75	338
	Surplus / shortage (Tonnage)	-8	2	-13	12	12	12	14

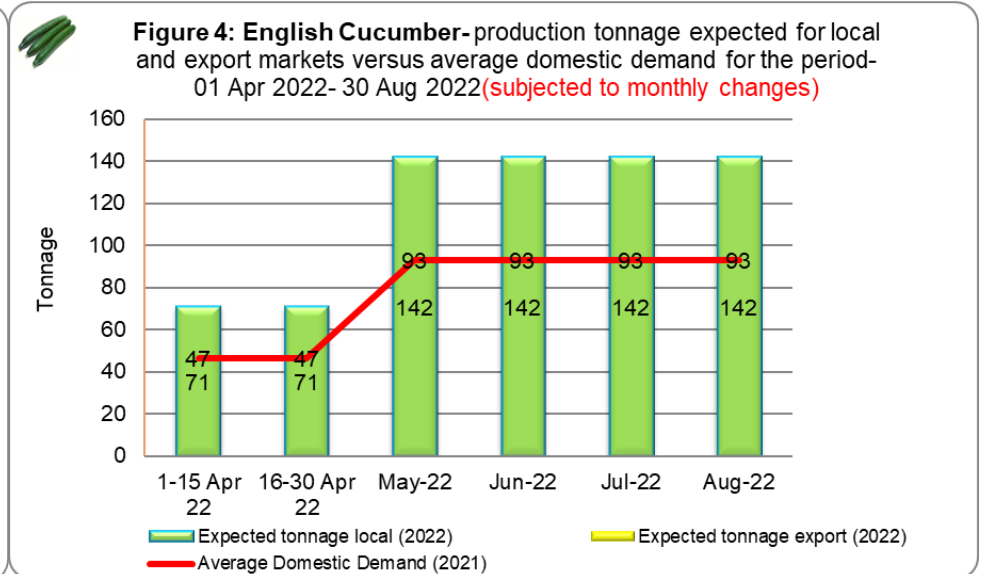
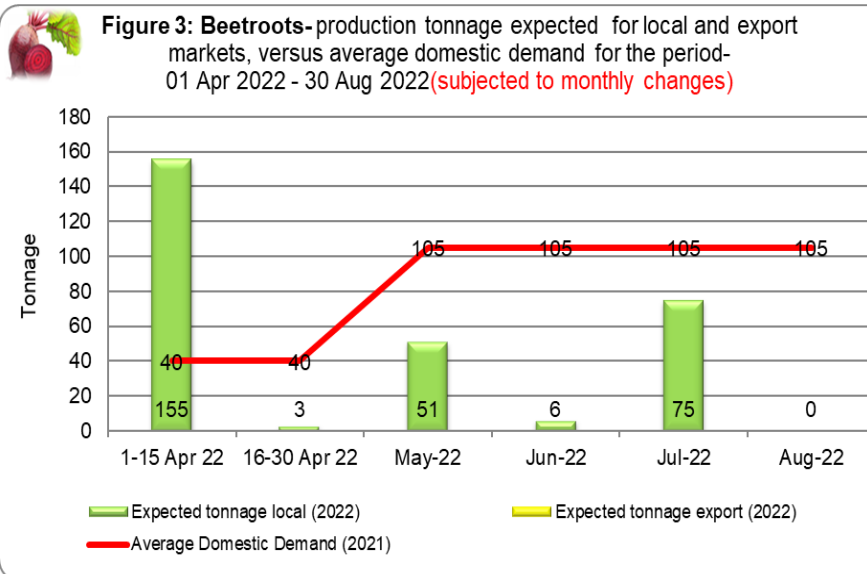
Table 3B indicate the total availability tonnage of Mushroom, Cauliflower and Broccoli as monitored crops.

Table 3B: Analysis of the total expected tonnage for domestic market versus domestic demand.							
Crops	Expected Surplus or Shortage	Apr-22	May-21	Jun-22	Jul-22	Aug-21	Total
Cauliflower	Expected Tonnage for domestic market	31	11	17	37	0	96
	Average Domestic Demand (2021)	40	40	40	40	40	200
	Surplus / shortage (Tonnage)	-9	-30	-23	-3	-40	-105
Broccoli	Expected Tonnage for domestic market	12	19	32	16	0	79
	Average Domestic Demand (2021)	30	30	30	30	30	150
	Surplus / shortage (Tonnage)	-18	-11	2	-14	-30	-71
Mushroom	Expected Tonnage for domestic market	13	26	26	26	26	117
	Average Domestic Demand (2021)	40	40	40	40	40	200
	Surplus / shortage (Tonnage)	-27	-14	-14	-14	-14	-83

Source: NAB 2022

5 GRAPHICAL ANALYSIS

Similarly, to data contained in table 3, Figure 3 and 4 shows sufficient local supply for English Cucumbers and Sweet potatoes for the forecasted period see (figure 3 & 4 below). Beetroots will be sufficient for the first two weeks only of the forecast as indicated in figure 3 and 6 while Lettuce will be sufficient from 16-30 April 2022 as indicated in figure 8. However, due to quality issues attributed to rain, beetroots and watermelon will be open for importation on a Prorata basis of 30%/70%.



Graphical analysis continues.....



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

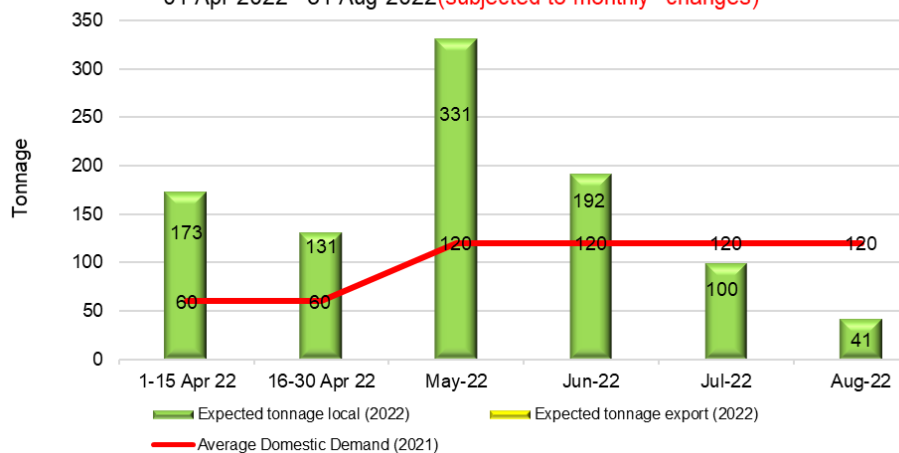


Figure 6: Watermelon-production tonnage expected for local and export markets, versus average domestic demand for the period 01 Apr 2022 - 31 Aug 2022 (subjected to monthly changes)

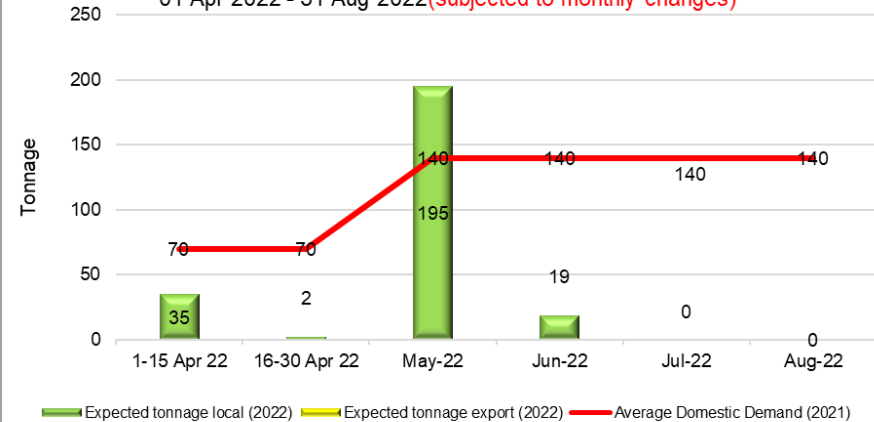


Figure 7: Sweetmelon production tonnage expected for local and export markets, versus domestic demand for the period 01 Apr 2022 - 31 Aug 2022 (subjected to monthly changes)

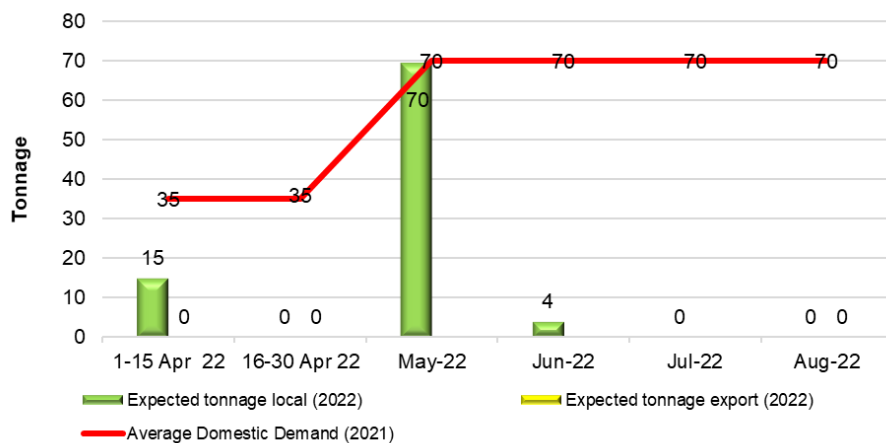
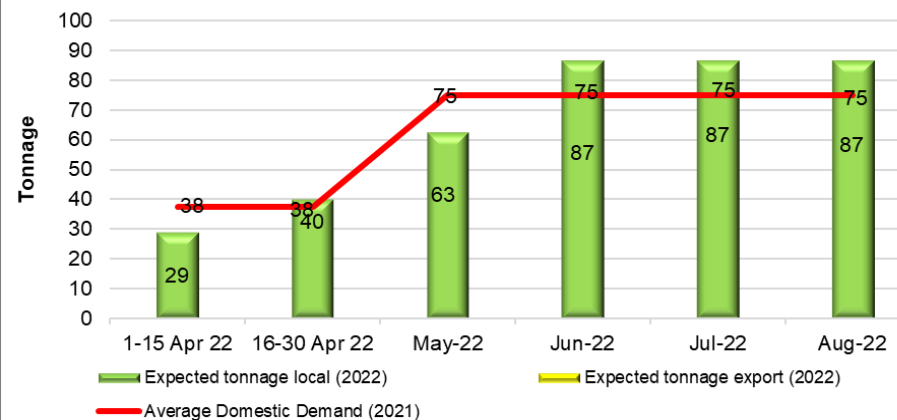
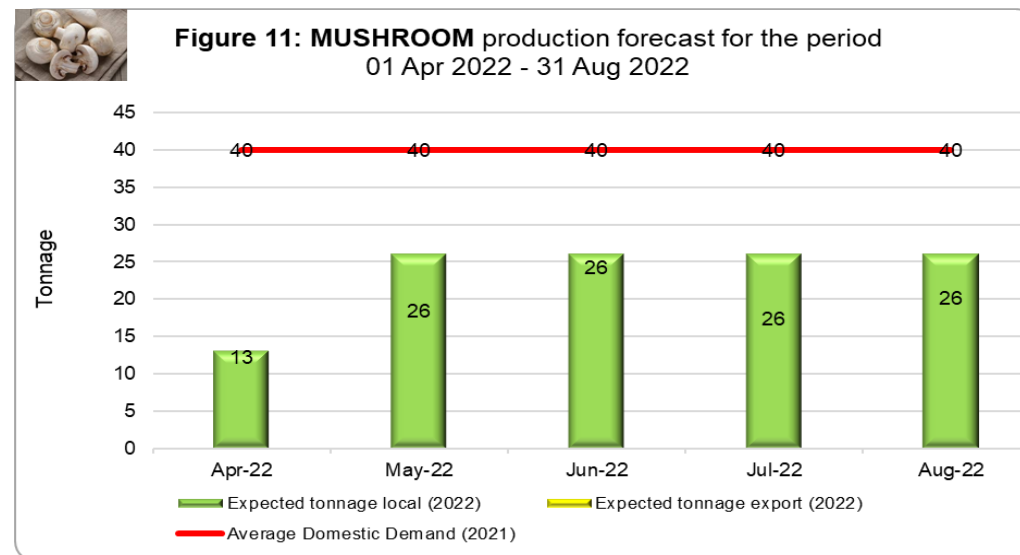
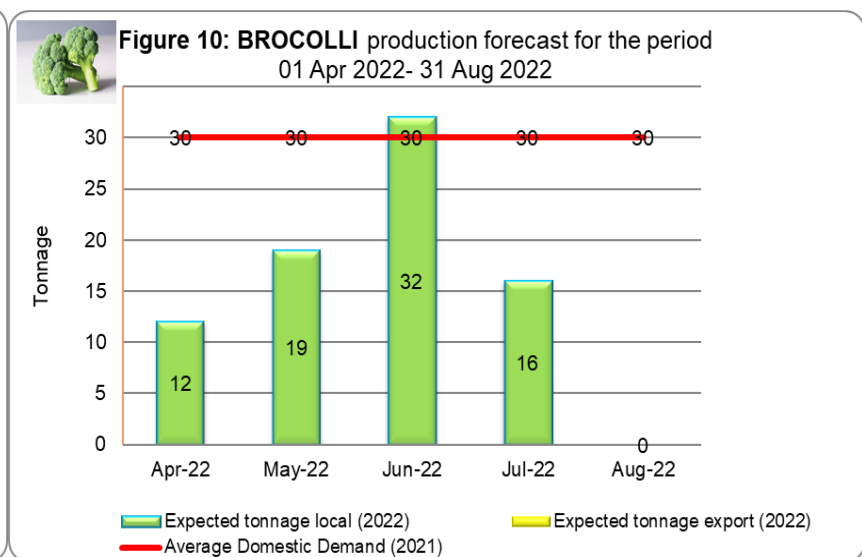
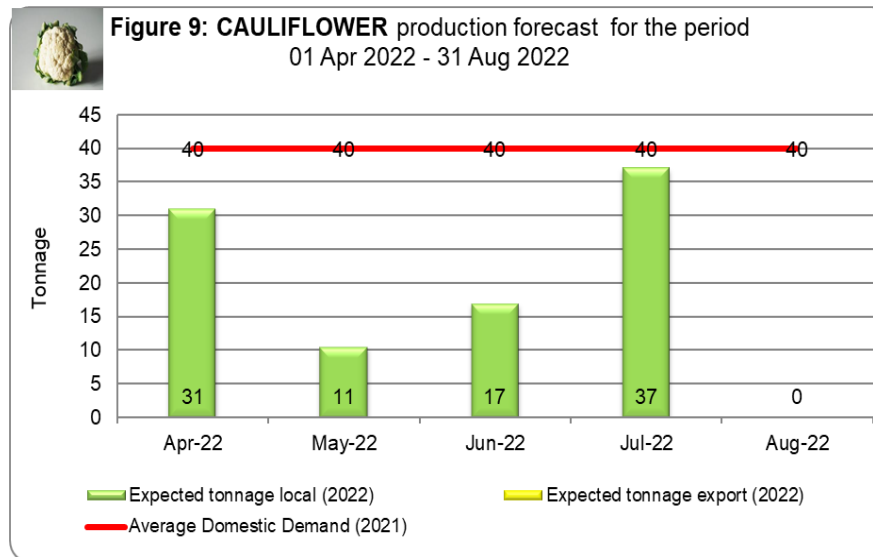


Figure 8: Lettuce Iceberg production tonnage expected for local and export markets, versus average domestic demand for the period- 01 Apr 2022 - 31 Aug 2022 (subjected to monthly changes)



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 RECOMENDATIONS

This report shows sufficient local supply of English Cucumbers and Sweet Potatoes (**refer to table 3 and figure 4 and 5**), however, for sweet potatoes, only catering size that is in abundance, the 1kgs and 2kgs (small-medium sizes) are not sufficient to meet the local demand. For that reason, the borders will only be closed for Sweet Potatoes catering size, while English Cucumber will be closed completely for the entire special import permit period 1-30 April 2022.

In addition, Lettuce iceberg will be opened on pro-rata basis of **30%** import and **70%** local in the first two weeks of April (**1-15 April 2022**). Despite Beetroots surplus illustrated in table 3, the borders will be opened due to poor quality attributing to too much rainfall received in some part of the country. It should be noted that, import restrictions are subjected to changes and hence it will be revised throughout the reporting period. Moreover, the revisions import restrictions heavily depends on producer's willingness to communicate changes in their production data and therefore, it is imperative that for producers to immediately notify NAB in the event of crop failures due to factors beyond producers' control such as rain, frost, pest & diseases outbreaks amongst other factors.

On the flip side of the coin, traders of fresh produce are encouraged to contact the local producers expected to harvest particular products as indicated in Table 1 A& B (**availability calendar**), and make purchase arrangement to ensure they comply with their 47% MSP requirements.

Mushroom, Broccoli and cauliflower are still part of the monitored crops until such time the local production trends justify to form part of the special controlled product (SCP) scheme.

[illegible]