



Butternuts



Cabbage



Gem Squash



Onions



Potatoes



Pumpkins



Garlic



HORTICULTURE: VEGETABLE PRODUCTION FORECAST

REPORT NO. 1

FORECASTED PERIOD:
01 MARCH TO 31 JULY 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 March to 31 July 2022														
Numbers in the table below represents tonnage													Last updated: 19 February 2022	
PRODUCTION AREAS	Special controlled and monitored crops	Mar-22			Apr-22		May-22		Jun-22		Jul-22		Total (for the 5 months period)	
		01-15 Mar 22 Local	16-31 Mar 22 Local	01-31 Mar 22 Export	Local	Export	Local	Export	Local	Export	Local	Export	Yield	Ha to be harvested
ZAMBEZI REGION	Butternuts	0.85	4.25	0.00	12.75	0.00	10.20	0.00	0.00	0.00	0.00	0.00	28.05	1.90
	Cabbage	0.00	0.77	0.00	9.11	0.00	11.48	0.00	0.00	0.00	0.00	0.00	21.35	0.55
	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	1.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.70	0.10
	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	9.78	9.35	0.00	1.53	0.00	4.25	0.00	0.00	0.00	0.00	0.00	24.91	1.90
	Cabbage	4.68	14.45	0.00	20.83	0.00	25.50	0.00	17.00	0.00	0.00	0.00	82.45	2.09
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	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
NORTH CENTRAL	Butternuts	44.20	49.09	0.00	53.98	0.00	45.90	0.00	17.00	0.00	13.60	0.00	223.76	12.85
	Cabbage	30.18	21.25	0.00	84.58	0.00	17.00	0.00	0.00	0.00	0.00	0.00	153.00	6.40
	Gem squash	0.00	0.00	0.00	11.48	0.00	8.93	0.00	0.00	0.00	0.00	0.00	20.40	1.05
	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	21.25	21.25	0.00	26.35	0.00	28.90	0.00	25.50	0.00	25.50	0.00	148.75	2.95
KARSTLAND	Butternuts	43.78	51.85	0.00	131.58	0.00	68.00	0.00	34.00	0.00	0.00	0.00	329.21	17.87
	Cabbage	74.38	99.88	0.00	72.25	0.00	116.45	0.00	17.00	0.00	17.00	0.00	396.95	10.20
	Gem squash	0.00	0.00	0.00	8.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.50	0.50
	Onions	0.00	0.00	0.00	157.25	0.00	1190.00	0.00	1216.35	637.50	510.00	301.75	4012.85	87.40
	Potatoes	68.00	68.00	0.00	1045.50	0.00	688.50	0.00	1309.00	68.00	552.50	0.00	3799.50	101.50
CENTRAL	Pumpkins	22.10	22.10	0.00	18.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.90	1.55
	Butternuts	33.15	33.15	0.00	63.75	0.00	114.75	0.00	25.50	0.00	0.00	0.00	270.30	10.60
	Cabbage	138.98	138.98	0.00	276.25	0.00	439.88	0.00	259.25	0.00	106.25	0.00	1359.58	28.00
	Gem squash	0.00	0.00	0.00	0.00	0.00	25.50	0.00	0.00	0.00	0.00	0.00	25.50	1.00
	Onions	0.00	0.00	0.00	15.30	0.00	8.50	0.00	89.25	0.00	102.00	0.00	215.05	6.90
SOUTH AND ORANGE RIVER	Potatoes	212.50	212.50	0.00	425.00	0.00	42.50	0.00	0.00	0.00	0.00	0.00	892.50	26.00
	Pumpkins	73.82	67.92	0.00	14.45	0.00	85.00	0.00	12.75	0.00	0.00	0.00	253.94	7.58
	Butternuts	12.75	12.75	0.00	266.65	0.00	259.85	0.00	58.40	0.00	0.00	0.00	610.39	19.85
	Cabbage	34.00	21.25	0.00	76.50	0.00	243.95	0.00	119.00	0.00	119.00	0.00	613.70	12.20
	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
Total expected production tonnage per crop per month	Onions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.95	0.00	56.95	1.50
	Pumpkins	0.00	21.25	0.00	128.35	0.00	85.85	0.00	12.75	0.00	0.00	0.00	248.20	7.50
	Butternuts	145	160	0	530	0	503	0	135	0	14	0	1487	65
	Cabbage	282	297	0	540	0	854	0	412	0	242	0	2627	59
	Gem Squash	0	0	0	20	0	34	0	0	0	0	0	54	3
	Onions	0	0	0	174	0	1199	0	1306	638	612	302	4230	94
Total expected production tonnage per crop per month	Potatoes	281	281	0	1471	0	731	0	1309	68	553	0	4692	128
	Pumpkins	117	133	0	188	0	200	0	51	0	26	0	714	20
Total expected production tonnage per crop per month	Garlic	2.5	0	0	0	0	0	0	0.1	0	0	0	2.6	0.37

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. This table further shows that, butternut is expected to be available in all production areas. Hence, traders are advised to contact producers listed in **table 3 A** below for local purchase orders and make it possible 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 March to 31 July 2022 Last updated: 19 February 2022																																										
Contact Person		Target Market			01-15 Mar 2022						16-31 Mar 2022					Apr-22						May-22						Jun-22						Jul-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	Alice Masuku	✓	✓																																							
2	Andrew Inambao	✓	✓																																							
3	Charity Mulemwa Goaises	✓	✓																																							
4	Clemens Makumbi	✓	✓																																							
5	George Sauriri	✓	✓																																							
6	James Walubita	✓	✓																																							
7	Jonathan Kamwi	✓	✓																																							
8	Joseph Simwanza	✓	✓																																							
KAVANGO																																										
Contact Person		Local Informal	Local Formal	Export	01-15 Mar 2022						16-31 Mar 2022					Apr-22						May-22						Jun-22						Jul-22								
1	Henrick Locke	✓	✓																																							
2	Nangolo Henock Katanga	✓	✓																																							
3	Maxwell Nghidinwa	✓	✓																																							
4	Zotile Maseko	✓	✓																																							

Table 3A continues...

















































































NORTH CENTRAL																																		
Contact Person		Local informal	local Formal	Export	01-15 Mar 2022					16-31 Mar 2022					Apr-22					May-22					Jun-22					Jul-22				
1	Abisai Amashili	√	√																															
2	Albertus Viljoen	√	√																															
3	Andreas Ashimbanga	√	√																															
4	Assery Moses	√	√																															
5	Elifas Nuuyoma	√	√																															
6	Emily Naunyango	√	√																															
7	Epafra Hilengwa	√	√																															
8	Erastus Mumbala	√	√																															
9	Etunda GSIP (Small & medium)	√	√																															
10	Eugen Eugen	√	√																															
11	Immanuel Hambiya	√	√																															
12	Ismael Kapuka	√	√																															
13	J. Steyn	√	√																															
14	Johannes Naindjala	√	√																															
15	Junias Mwafekelange	√	√																															
16	Lonia Ismael	√	√																															
17	Moses Shambwila	√	√																															
18	Paulus Amutenya	√	√																															
19	Paulus Kapia	√	√																															
20	Paulus Kapuka	√	√																															
21	Paulus Titus	√	√																															
22	Simeon Negumbo	√	√																															
23	Shetuuka Shetuuka	√	√																															
24	Sylvanus Naunyango	√	√																															
25	Tangeni T. Negonga	√	√																															
26	Tarcisius Shingundu	√	√																															
27	Theophelus Ekandjo	√	√																															
28	Vaino Shikongo	√	√																															

Table 3A continues...





















































KARSTLAND																																		
Contact Person		Local Informal	Local Formal	Export	01-15 Mar 2022					16-31 Mar 2022					Apr-22					May-22					Jun-22					Jul-22				
1	Ally Karaerua	✓	✓	✓																														
2	Cobus Coetzee	✓	✓	✓																														
3	C.J von Molendorff	✓	✓	✓																														
4	Dawid Bisschoff	✓	✓																															
5	Dirk van der Berg	✓	✓	✓																														
6	Elizabeth & Erick van Druten	✓	✓																															
7	Francois Robbertse	✓	✓	✓																														
8	Franklin Mate	✓	✓																															
9	Geoffery Tangi Shekupe	✓	✓																															
10	Gerhard Sachse	✓	✓																															
11	Gero Hirsch	✓	✓																															
12	H. van Eeden	✓	✓																															
13	Hagen Frenzel	✓	✓	✓																														
14	Hansie van der Merwe	✓	✓	✓																														
15	Hennie Kruger	✓	✓	✓																														
16	Jan Cronje	✓	✓	✓																														
17	Jan F. Lusse	✓	✓																															
18	Jan Keyser	✓	✓	✓																														
19	Johan Cloete	✓	✓																															
20	Johan E. van der Merwe	✓	✓																															
21	Juliana Gericke	✓	✓																															
22	LM Potgieter	✓	✓	✓																														
23	Ludie Kolver	✓	✓	✓																														
24	Louis du Plessis	✓	✓	✓																														
25	Luther Rukira	✓	✓																															
26	Magano Kapia	✓	✓																															
27	Mark von Maltzahl	✓	✓																															
28	Munyaradzi Murwira	✓	✓																															
29	Neels van der Merwe	✓	✓																															
30	Paulus Halwoodi Andreas	✓	✓																															






Table 3A continues....

31	Pendafulle Hellao	√	√																																																																																																																																																																																																																																																																																																																																																																																																																															
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SOUTH AND ORANGE RIVER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
NAME OF PRODUCER		Local Informal	local Formal	Export	01-15 Mar 2022						16-31 Mar 2022						Apr-22						May-22						Jun-22						Jul-22																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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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 March to 31 July 2022				Last updated: 19 February 2022		
NAME OF PRODUCER	01-15 Mar 22	16-31 Mar 22	Apr-22	May-22	Jun-22	Jul-22
Karst Area						
1 Fanuel Uugwanga						
Central Area						
1 Chrisman Stander						
2 Jaco Thomas						

Source: NAB, 2022

4. EXPECTED PRODUCTION VS DEMAND ANALYSIS

4.1 TABULATION ANALYSIS

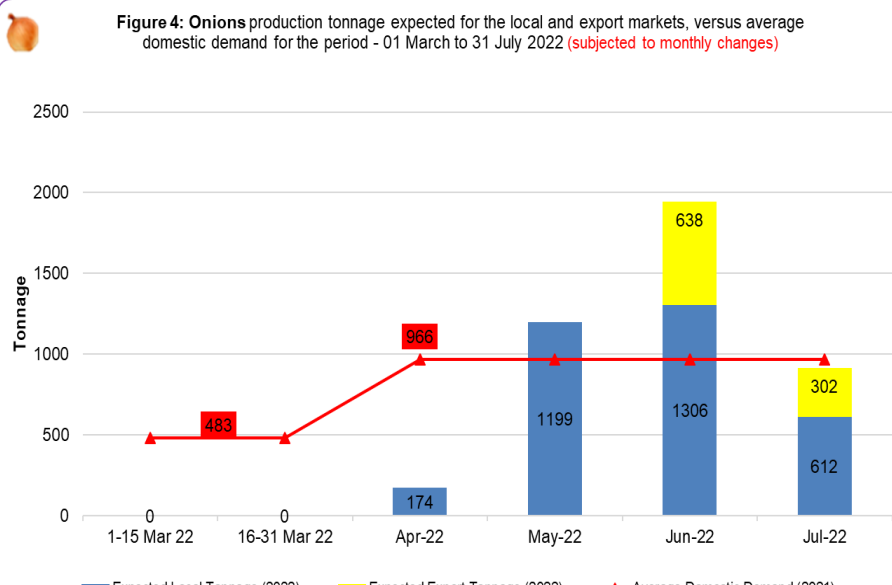
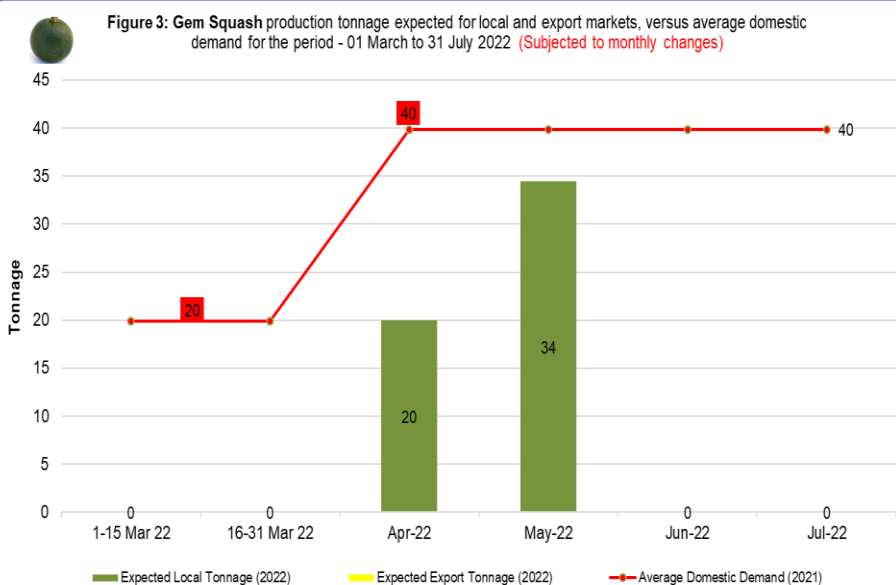
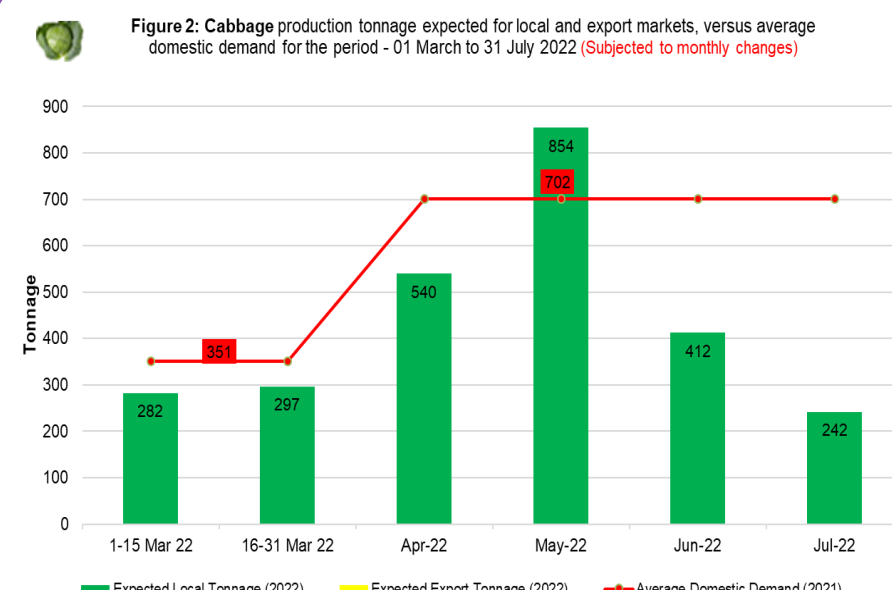
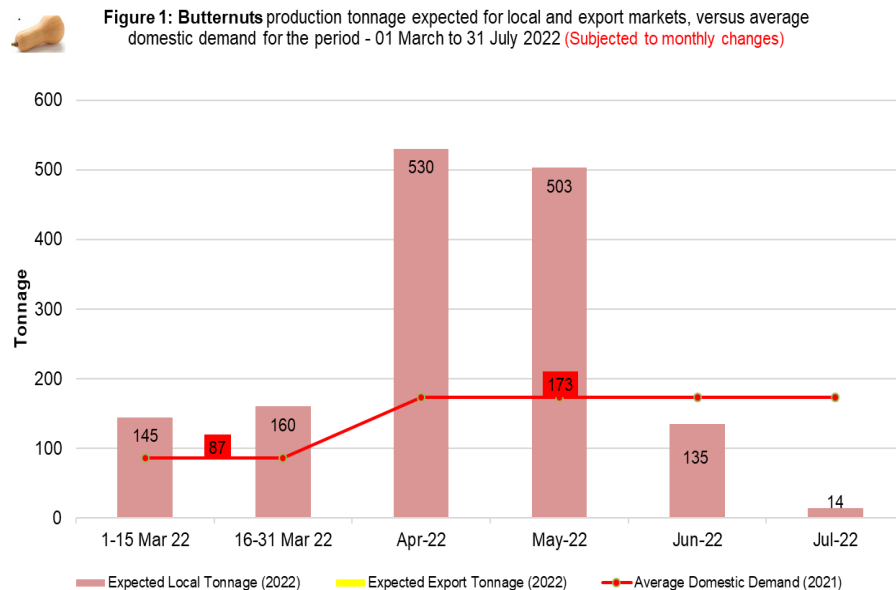
Table 4 below shows that, the total tonnage expected for butternuts and pumpkins will be sufficient to satisfy the domestic market during the special permit period of 01-31 March 2022. **Table 4** further shows that; cabbage, gem squash, onions and potatoes are expected to be insufficient in March 2022.

Table 4: ANALYSIS OF THE EXPECTED TONNAGE FOR DOMESTIC MARKET VERSUS AVERAGE DOMESTIC DEMAND								
Numbers in this table represents tonnage					Last updated: 19 February 2022			
Special Controlled Crops	Expected Surplus or Shortage	01-15 Mar 2022	16-31 Mar 2022	Apr-22	May-22	Jun-22	Jul-22	Total
Butternuts	Expected for domestic market	145	160	530	503	135	14	1342
	Average domestic demand	87	87	173	173	173	173	779
	Surplus / shortage	58	74	357	330	-38	-159	563
Cabbage	Expected for domestic market	282	297	540	854	412	242	2345
	Average domestic demand	351	351	702	702	702	702	3157
	Surplus / shortage	-69	-54	-162	153	-289	-459	-812
Gem Squash	Expected for domestic market	0	0	20	34	0	0	54
	Average domestic demand	20	20	40	40	40	40	179
	Surplus / shortage	-20	-20	-20	-5	-40	-40	-125
Onions	Expected for domestic market	0	0	174	1199	1306	612	3290
	Average domestic demand	483	483	966	966	966	966	4347
	Surplus / shortage	-483	-483	-792	232	340	-354	-1057
Potatoes	Expected for domestic market	281	281	1471	731	1309	553	4344
	Average domestic demand	1,734	1734	3467	3467	3467	3467	15603
	Surplus / shortage	-1453	-1453	-1997	-2736	-2158	-2915	-11260
Pumpkins	Expected for domestic market	117	133	188	200	51	26	714
	Average domestic demand	49	49	98	98	98	98	488
	Surplus / shortage	68	84	90	102	-47	-72	225

Source: NAB, 2022

4.2 GRAPHICAL ANALYSIS

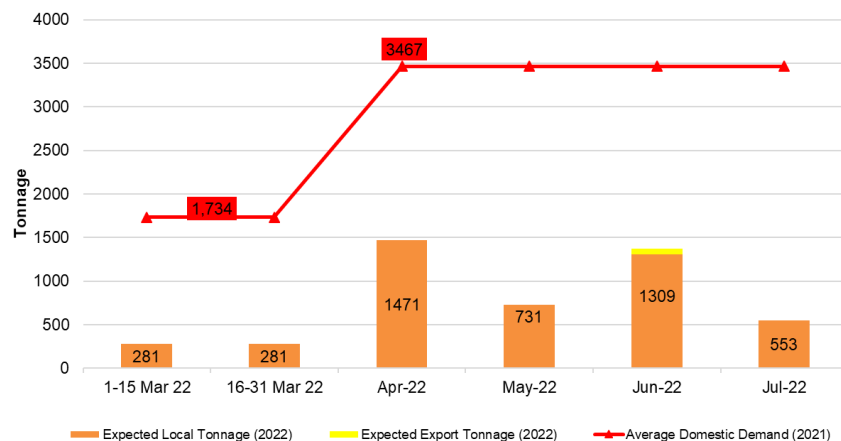
Graphical analysis shows the domestic production tonnage expected for the local and export markets as well as the average domestic demand. **Figure 1 and 6** below shows that the projected production tonnage for butternuts and pumpkins reserved for local market are expected to be sufficient in March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



Graphical analysis figures continue...



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

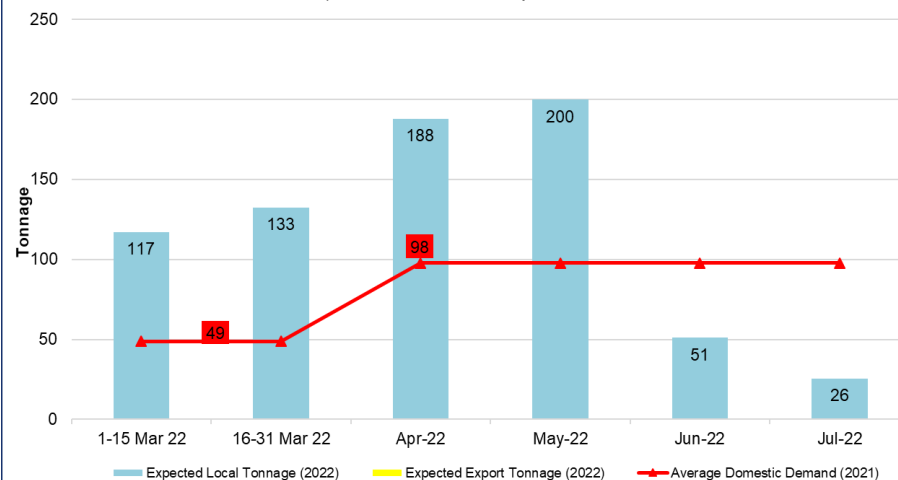
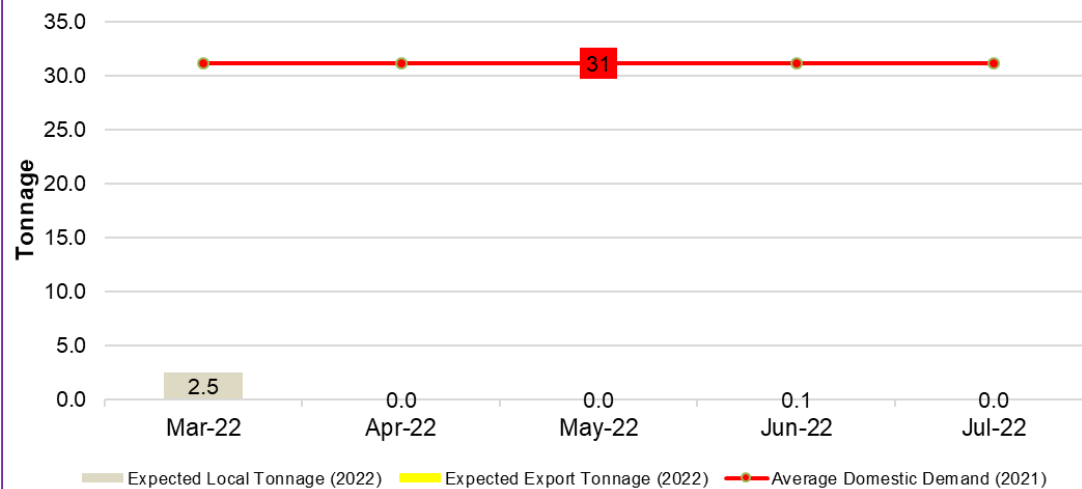


Figure A below shows that, the projected tonnage for garlic (monitored crop) is expected to be insufficient throughout this reporting period.



Figure A: Garlic production forecasted expected for local market for the period - 01 March to 31 July 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 March 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 - 31 March 2022**.

The report further concluded that, the country expects a slight shortage of cabbage in March 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 March 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.

[illegible]



Colour Pepper



Tomato Round



Tomato Jam



Carrot



Green Pepper



Spinach



Sweetcorn



HORTICULTURE: VEGETABLES PRODUCTION FORECAST

REPORT NO.2

FORECASTED PERIOD:

01 MARCH 2022 TO 31 JULY 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, Carrot, Tomato Round, Tomato Jam, and Green Pepper 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 Mar 22		16-31 Mar 22		Apr-22		May-22		Jun-22		Jul-22		Totals	
		Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Expected tonnage	Hectares planted
ZAMBEZI	Tomato Round	17.6	0.0	25.1	0.0	20.3	0.0	13.8	0.0	4.2	0.0	2.5	0.0	83.6	3.3
	Tomato Jam	1.2	0.0	1.2	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.1
	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	1.2	0.0	1.2	0.0	3.0	0.0	2.7	0.0	0.1	0.0	0.1	0.0	8.1	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
	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	0.4	0.0	0.4	0.0	4.5	0.0	3.8	0.0	3.8	0.0	0.0	0.0	12.8	0.6
	Tomato Jam	12.6	0.0	12.6	0.0	20.6	0.0	12.7	0.0	10.3	0.0	0.0	0.0	68.8	3.2
	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	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.9
	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	2.0	0.0	0.0	0.0	0.0	0.0	2.0	0.1
	Tomato Jam	15.7	0.0	27.4	0.0	45.7	0.0	35.8	0.0	4.0	0.0	0.0	0.0	128.5	5.3
	Carrot	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	2.0	0.1
	Green Pepper	3.4	0.0	3.5	0.0	7.0	0.0	1.0	0.0	1.0	0.0	0.3	0.0	16.2	1.2
	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	0.1	0.0	0.1	0.0	1.0	0.0	0.0	0.0	0.8	0.0	0.8	0.0	2.9	0.3
	Sweetcorn	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.1

Table 2 continued...

KARST	Tomato Round	42.5	0.0	42.5	0.0	141.5	0.0	9.2	0.0	15.3	0.0	0.0	0.0	251.0	7.2
	Tomato Jam	27.5	0.0	35.0	0.0	66.4	0.0	49.6	0.0	87.9	0.0	45.0	0.0	311.5	12.0
	Carrot	216.5	0.0	216.5	0.0	564.0	0.0	371.0	0.0	240.0	0.0	240.0	0.0	1848.0	46.1
	Green Pepper	7.9	0.0	11.1	0.0	30.6	0.0	25.3	0.0	21.9	0.0	9.6	0.0	106.4	5.1
	Coloured Pepper	0.3	0.0	0.3	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.0	0.0	2.0	0.1
	Spinach	1.4	0.0	1.4	0.0	3.3	0.0	3.3	0.0	3.3	0.0	3.3	0.0	16.1	1.4
	Sweetcorn	6.0	0.0	6.0	0.0	6.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	24.0	12.3
CENTRAL	Tomato Round	135.9	0.0	138.2	0.0	294.1	0.0	278.3	0.0	130.9	0.0	11.9	0.0	989.3	12.5
	Tomato Jam	22.0	0.0	22.0	0.0	36.1	0.0	10.7	0.0	9.0	0.0	0.0	0.0	99.7	4.0
	Carrot	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	30.0	1.0
	Green Pepper	45.7	0.0	47.4	0.0	84.7	0.0	68.1	0.0	15.2	0.0	9.1	0.0	270.2	8.1
	Coloured Pepper	50.0	0.0	50.4	0.0	102.7	0.0	102.7	0.0	2.7	0.0	0.0	0.0	308.5	3.3
	Spinach	3.9	0.0	3.9	0.0	22.6	0.0	3.3	0.0	2.8	0.0	2.1	0.0	38.7	4.9
	Sweetcorn	1.1	0.0	1.1	0.0	1.5	0.0	1.5	0.0	1.5	0.0	0.0	0.0	6.7	1.1
SOUTH AND ORANGE RIVER	Tomato Round	50.0	0.0	50.0	0.0	100.0	0.0	107.0	0.0	33.5	0.0	0.0	0.0	340.5	4.1
	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	3.7	0.0	3.7	0.0	7.3	0.0	6.0	0.0	6.0	0.0	0.0	0.0	26.7	1.2
	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	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	1.0
	Sweetcorn	3.5	0.0	3.5	0.0	7.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	21.0	3.0
Total expected per crop per month	Tomato Round	246.4	0.0	256.2	0.0	560.4	0.0	414.0	0.0	187.7	0.0	14.5	0.0	1679.1	27.8
	Tomato Jam	79.0	0.0	98.1	0.0	169.3	0.0	108.7	0.0	111.2	0.0	45.0	0.0	611.3	24.6
	Carrot	216.5	0.0	216.5	0.0	564.0	0.0	373.0	0.0	270.0	0.0	240.0	0.0	1880.0	47.2
	Green Pepper	62.8	0.0	67.7	0.0	132.6	0.0	103.1	0.0	44.2	0.0	19.1	0.0	429.5	17.0
	Coloured Pepper	50.3	0.0	50.6	0.0	103.2	0.0	103.2	0.0	3.2	0.0	0.0	0.0	310.5	3.4
	Spinach	5.4	0.0	5.4	0.0	36.9	0.0	6.6	0.0	6.9	0.0	6.3	0.0	67.7	7.6
	Sweetcorn	10.6	0.0	10.6	0.0	17.0	0.0	14.5	0.0	1.5	0.0	0.0	0.0	54.2	16.45

Table 3 continued...

3. EXPECTED AVAILABILITY

Table 3, indicate active producers that expect to harvest the special controlled product 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 Mar 2022						16 to 31 Mar 2022						Apr-22						May-22						Jun-22						Jul-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 Inambao	✓																																					
2	Bernard Sitali	✓																																					
3	Charity Mulemwa Goaises	✓																																					
4	Clemens Makumbi	✓																																					
5	Clement Mulyokela	✓																																					
6	Cletius Mushaukwa	✓																																					
7	Eustance Mujohn	✓																																					
8	George Nalisa	✓																																					
9	Hans Matiti Fwelimbi	✓																																					
10	Ibalelo Ntelamo	✓																																					
11	Jonathan Kamwi	✓																																					
12	Likezo Florance	✓																																					
13	Lucious Chataa	✓																																					
14	Martin Mwanga Mbala	✓																																					
15	Michael Mwiya Kalaluka	✓																																					
16	Paul Pitiya	✓																																					
17	Precious Mufwanazala	✓																																					
18	Rector Mutelo	✓																																					
19	Richard Nyambe	✓																																					
KAVANGO AREA																																							
SN	Name Of Producer	Local	Export	01 to 15 Mar 2022						16 to 31 Mar 2022						Apr-22						May-22						Jun-22						Jul-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	Augustinus Mutjuma	✓																																					
2	Augustinus Poroto Jnr	✓																																					
3	Frieda Siwombe Garden	✓																																					
4	Henrick Lockie	✓																																					
5	Maxwell Nghidinwa	✓																																					
6	Thikushe Manfred	✓																																					
7	Wilhelm Ndungula	✓																																					
8	Zwelibanzi Zotile Maseko	✓																																					

Table 3 continued...

NORTH CENTRAL AREA																																
			01 to 15 Mar 2022					16 to 31 Mar 2022					Apr-22					May-22					Jun-22					Jul-22				
1	Abisai A Amashili	✓																														
2	Andreas Ashimbanga	✓																														
3	Erastus Mumbala	✓																														
4	Etunda S&MSF	✓																														
5	Ismael Kapuka	✓																														
6	J. Steyn	✓																														
7	Lucas Moongela	✓																														
8	Ndasilohenda Nakashwa	✓																														
9	Noa Haanyanya	✓																														
10	Paulus Amutenya	✓																														
11	Paulus Kapia	✓																														
12	Paulus Kapuka	✓																														
13	Paulus Titus	✓																														
14	Peter Matheus	✓																														
15	Silvanus Naunyango	✓																														
16	Simeon Negumbo	✓																														
17	Thomas Tangeni Negonga	✓																														

KARST AREA																																
			01 to 15 Mar 2022					16 to 31 Mar 2022					Apr-22					May-22					Jun-22					Jul-22				
1	Christiaan A Barry	✓																														
2	David Shifotoka	✓																														
3	Dirk van der Berg	✓																														
4	Elizabeth Nekundi	✓																														
5	Etuna Nashima	✓																														
6	Fanuel Uugwanga	✓																														
7	Geoffery Shekupe	✓																														
8	Gerhard Sachse	✓																														
9	Gero Hirsch	✓																														
10	J. F. Lusse	✓																														
11	Jan Cronje	✓																														
12	Johan Eugene van Der Merw	✓																														
13	Johannes Muronga	✓																														
14	Juliana Gericke	✓																														
15	Ludwig Kapingana	✓																														
16	Luther Rukira	✓																														
17	Magano Kapia	✓																														
18	Mark von Maltizahl	✓																														
19	Mweneni Shifotoka	✓																														
20	P.J. Harmse	✓																														
21	Paulus Halwoodi Andreas	✓																														
22	Pendafule Hellao	✓																														
23	Phelep Pendukeni	✓																														

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

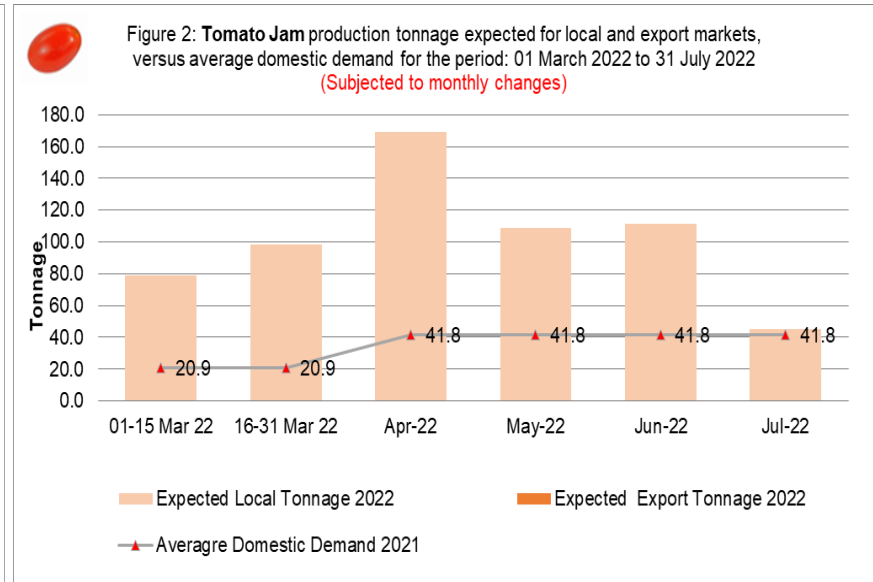
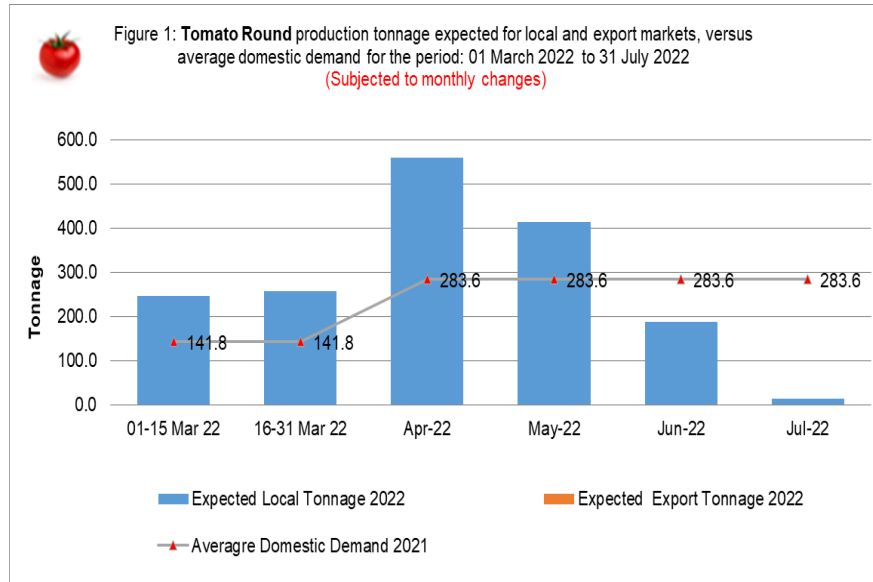
The total tonnage expected for Tomato Round and Tomato Jam, Carrot Green Pepper and Colour Pepper are expected to be Sufficient in the entire permit period of 01 to 31 March 2022. Spinach and Sweetcorn will be insufficient in the entire Forecasted Period, of 01 March to 31 July 2022.

Table 4A: EXPECTED PRODUCTION VERSUS DOMESTIC DEMAND ANALYSIS FOR SPECIAL CONTROLLED PRODUCTS								
		Numbers in this table represents Tonnage						
Crop	Expected Shortage or Surplus	01-15 Mar 22	16-31 Mar 22	Apr-22	May-22	Jun-22	Jul-22	TOTAL
Tomato Round	Expected for Domestic Market	246.4	256.2	560.4	414.0	187.7	14.5	1679.1
	Average Domestic Demand	141.8	141.8	283.6	283.6	283.6	283.6	1418.1
	Surplus /Shortage	104.6	114.4	276.8	130.4	-95.9	-269.2	261.0
Tomato Jam	Expected for Domestic Market	79.0	98.1	169.3	108.7	111.2	45.0	611.3
	Average Domestic Demand	20.9	20.9	41.8	41.8	41.8	41.8	208.9
	Surplus /Shortage	58.1	77.2	127.5	66.9	69.4	3.2	402.4
Carrot	Expected for Domestic Market	216.5	216.5	564.0	373.0	270.0	240.0	1880.0
	Average Domestic Demand	203.8	203.8	407.5	407.5	407.5	407.5	2037.6
	Surplus /Shortage	12.7	12.7	156.5	-34.5	-137.5	-167.5	-157.6
Green Pepper	Expected for Domestic Market	62.8	67.7	132.6	103.1	44.2	19.1	429.5
	Average Domestic Demand	41.5	41.5	83.0	83.0	83.0	83.0	415.2
	Surplus /Shortage	21.3	26.2	49.6	20.0	-38.9	-64.0	14.3
Colour Pepper	Expected for Domestic Market	50.3	50.6	103.2	103.2	3.2	0.0	310.5
	Average Domestic Demand	21.9	21.9	43.9	43.9	43.9	43.9	219.3
	Surplus /Shortage	28.3	28.7	59.3	59.3	-40.7	-43.9	91.2
Sweetcorn	Expected for Domestic Market	10.6	10.6	17.0	14.5	1.5	0.0	54.2
	Average Domestic Demand	13.0	13.0	26.0	26.0	26.0	26.0	129.9
	Surplus /Shortage	-2.4	-2.4	-9.0	-11.5	-24.5	-26.0	-75.7
Spinach	Expected for Domestic Market	5.4	5.4	36.9	6.6	6.9	6.3	67.7
	Average Domestic Demand	22.7	22.7	45.5	45.5	45.5	45.5	227.3
	Surplus /Shortage	-17.3	-17.3	-8.5	-38.8	-38.5	-39.2	-159.7

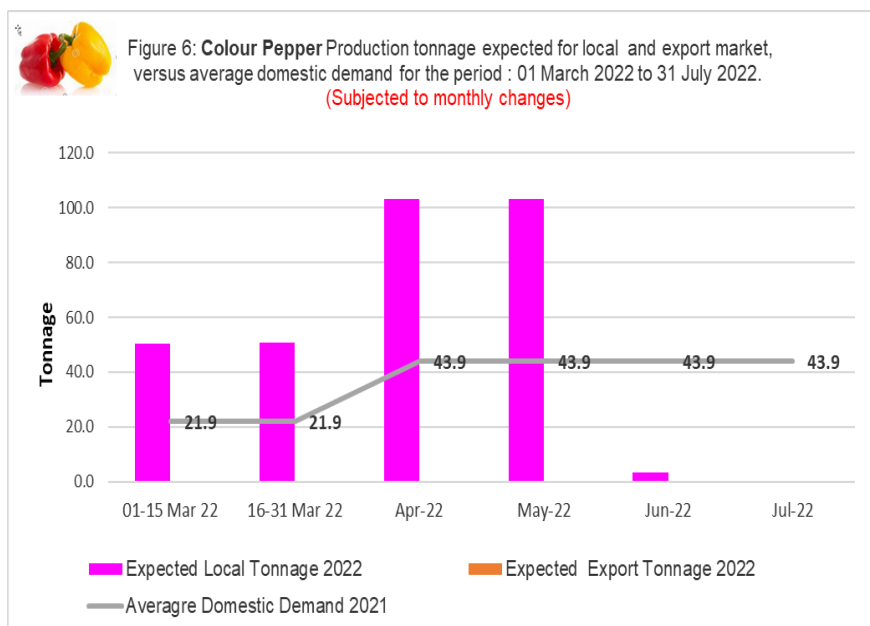
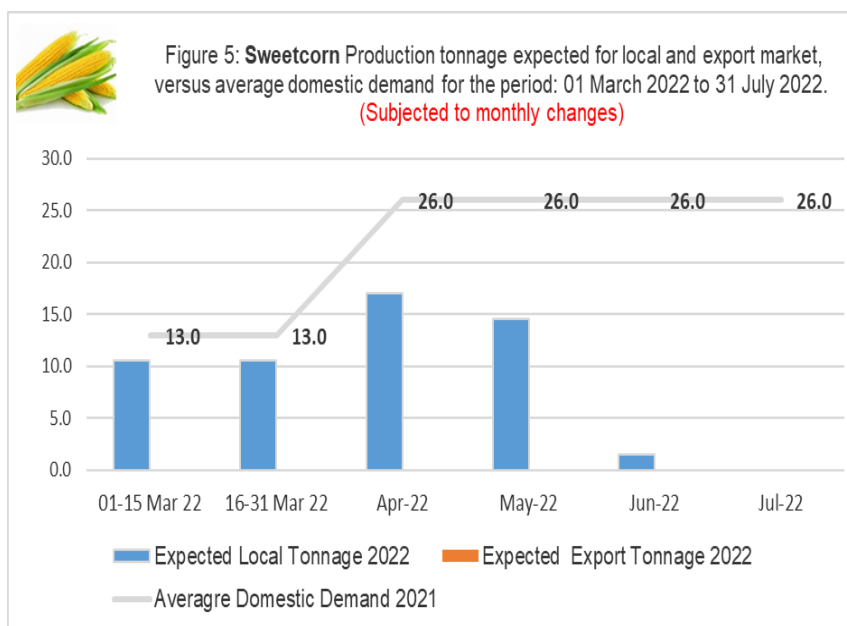
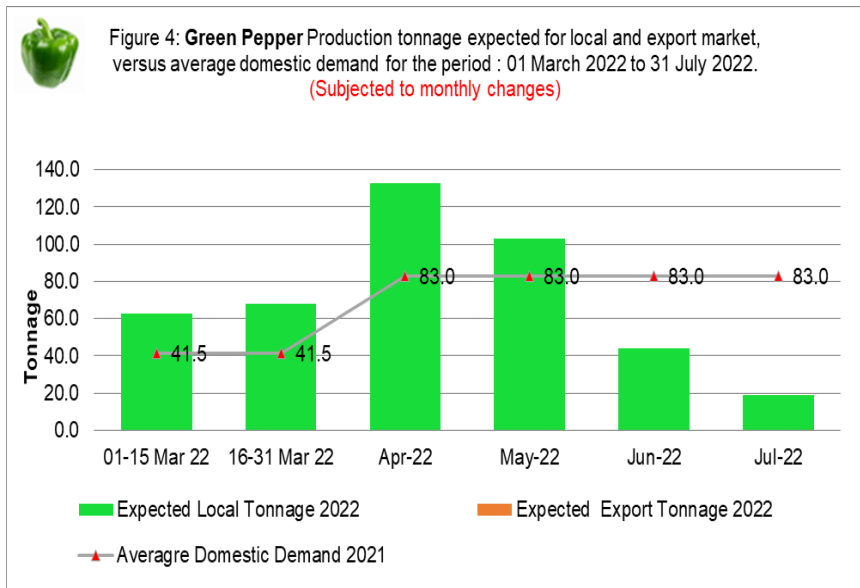
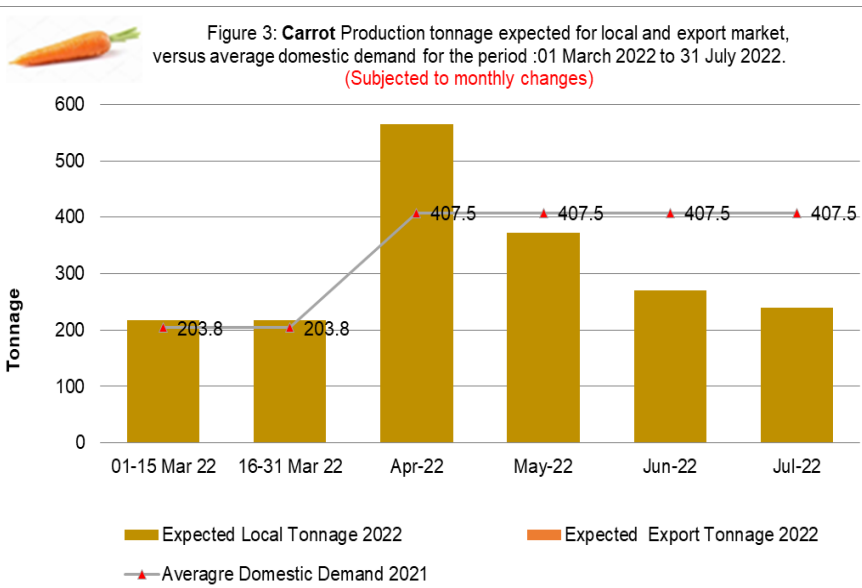
Source: NAB, 2022

4.2 GRAPHICAL ANALYSIS

Figures 1- 7: Below indicate the expected Local Tonnage, average domestic demand and export analysis per crop, we therefore have sufficient supply of Tomato Round and Jam, Carrot, Green Pepper and Colour Pepper from 01 to 31 March 2022.



Source: NAB, 2022



Graphical analysis continued...



Beetroot



English Cucumber



Sweet Potato



Watermelon



Sweet melon



Lettuce.



Cauliflower



Broccoli



Mushroom



HORTICULTURE: VEGETABLES PRODUCTION FORECAST

REPORT NO 3

FORECASTED PERIOD:

01 MARCH 2022 TO 31 JULY 2022

**Agronomy and Horticulture Market Development
Division**

Horticulture Market Development Subdivision

Enquiries: Ms. Selma Uahengo

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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 will be harvested from Central production zone. Watermelon and Sweet melon will be harvested from South and Orange production zones.

Table 1A: 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: 19 Feb 2022	
PRODUCTION AREAS	CROPS	1-15 Mar 22		16-31 MAR 22		Apr-22		May-22		Jun-22		Jul-22		Total (for the 5 months period)	
		Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Yield	Ha to be harvested
ZAMBEZI	Beetroot	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.00	0.25
	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	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.50	0.25
	Watermelon	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.00	0.20
	Sweetmelon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Lettuce Iceberg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
KAVANGO	Beetroot	0.0	0.0	0.0	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	13.1	0.0	8.0	0.0	8.0	0.0	7.5	0.0	7.5	0.0	0.0	0.0	49.60	3.20
	Watermelon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Sweetmelon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	Lettuce Iceberg	0.0	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	5.6	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	8.10	0.38
	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	95.7	0.0	8.0	0.0	127.3	0.0	42.9	0.0	13.1	0.0	10.0	0.0	297.00	14.17
	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
KARSTLAND	Beetroot	86.3	0.0	56.3	0.0	157.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	300.00	9.50
	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	66.0	0.0	11.0	0.0	30.0	0.0	0.0	0.0	107.00	4.85
	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	10.0	0.0	10.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.00	1.75
CENTRAL	Beetroot	20.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.00	1.00
	English Cucumbers	65.5	0.0	65.5	0.0	131.0	0.0	131.0	0.0	131.0	0.0	131.0	0.0	655.00	9.90
	Sweet Potatoes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.50	0.15
	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	30.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	30.00	0.75
	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	30.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	51.0	0.0	0.0	0.0	111.00	3.50
	Watermelon	0.0	0.0	0.0	0.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.00	1.25
	Sweetmelon	0.0	0.0	0.0	0.0	22.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.50	0.75
	Lettuce Iceberg	0.0	0.0	12.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.00	0.90
Total expected production per crop per month	Beetroot	141.9	0.0	56.3	0.0	182.5	0.0	32.5	0.0	0.0	0.0	0.0	0.0	383.10	11.88
	English Cucumbers	65.5	0.0	65.5	0.0	131.0	0.0	131.0	0.0	131.0	0.0	131.0	0.0	655.00	9.90
	Sweet Potatoes	138.8	0.0	46.0	0.0	205.8	0.0	61.4	0.0	101.6	0.0	10.0	0.0	573.60	26.12
	Watermelon	40.0	0.0	0.0	0.0	204.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	244.00	3.95
	Sweetmelon	0.0	0.0	0.0	0.0	52.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.50	1.75
	Lettuce Iceberg	33.8	0.0	45.8	0.0	73.5	0.0	47.5	0.0	47.5	0.0	47.5	0.0	273.00	13.80

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: 18 Feb 2022	
PRODUCTION AREAS	CROPS	1-15 Mar 22		16-31 Mar 22		Apr-22		May-22		Jun-22		Jul-22		Total (for the 5 months period)	
		Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Yield	Ha to be harvested
KARSTLAND	Cauliflower	2.0	0.0	2.0	0.0	8.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	20.00	1.00
	Broccoli	3.5	0.0	3.5	0.0	7.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	21.00	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
CENTRAL	Cauliflower	0.0	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
	Broccoli	0.0	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
	Mushroom	22.0	0.0	22.0	0.0	24.0	0.0	24.0	0.0	24.0	0.0	24.0	0.0	116.00	0.90
		0.0	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..

SOUTH AND ORANGE RIVER	Cauliflower	0.0	0.0	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
	Broccoli	0.0	0.0	2.4	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.80	0.60
	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	0.0	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	0.0	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	0.0	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	0.0	0.00	0.00
Total expected production per crop per month	Cauliflower	2.0	0.0	2.0	0.0	8.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	20.00	1.02
	Broccoli	3.5	0.0	5.9	0.0	9.4	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	25.80	1.60
	Mushroom	22.0	0.0	22.0	0.0	24.0	0.0	24.0	0.0	24.0	0.0	24.0	0.0	0.0	116.00	0.90
		0.0	0.0	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	0.0	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	0.0	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 																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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NAME OF PRODUCER	I	n	f	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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Table 2A continues

[illegible]

KARSTLAND AREA
















































































NAME OF A PRODUCER		Infor mal	For mal	Exp ort	1-15 Mar 2022				16-31 Mar 2022				Apr-22				May-22				Jun-22				Jul-22					
1	Dirk van der Berg	√	√																											
2	Fanuel Uugwanga	√	√																											
3	Jan Cronje	√	√																											
4	Munyaradzi Murwira	√	√																											
5	Ricky Kukuri	√	√																											
6	Tommie Martinson	√	√																											
7	ULF Jarisch	√	√																											
8	Veicco K Nghiwete	√	√																											

Table 2A continues

CENTRAL AREA																																					
NAME OF A PRODUCER		Informal	Formal	Export	1-15 Mar 22				16-31 Mar 2022				Apr-22				May-22				Jun-22				Jul-22												
1	Anton/Liza Koekemor	✓	✓																																		
2	Bernice van Wyk	✓	✓																																		
4	Cleophas Katuuu	✓	✓																																		
5	Dina Strauss	✓	✓																																		
6	Grunnar Waldschmidt	✓	✓																																		
7	Henk Pieters	✓	✓																																		
8	Hueston Groenwaldt	✓	✓																																		
9	Jaco Thomas	✓	✓																																		
10	Jan Conradie	✓	✓																																		
11	Jeanine Botes	✓	✓																																		
12	Johanness Meyer	✓	✓																																		
13	Nicollette Maumbe	✓	✓																																		
14	Salomon Nemaire	✓	✓																																		
15	Simon Iyambula	✓	✓																																		
16	Stiaan Cleote	✓	✓																																		

Source: NAB 2022

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

TABLE: 2B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

Table 2B continues

CENTRAL AREA																			
1	Jan Conradie	√	√																
2	Jaques Berg	√	√																
SOUTH AND ORANGE RIVER AREAS																			
1	Jimmy O Kennedy	√	√																

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 Beetroots is expected during the forecasted period. Sweet Potatoes will only be sufficient during the first two weeks of the forecast.

Table 3A: Analysis of the total expected tonnage for domestic market versus domestic demand.								
Numbers in this table represents tonnage expected to harvested for local and export market								
Last updated: 19 Feb 2022								
Crops	Expected Surplus or Shortage	1-15 Mar 22	16-31 Mar 22	Apr-22	May-22	Jun-22	Jul-22	Total
Beetroot	Expected Tonnage for domestic market	142	56	183	33	0	0	357
	Average Domestic Demand (2021)	40	40	80	80	80	80	360
	Surplus / shortage (Tonnage)	102	16	103	-48	-80	-80	-3
English Cucumber	Expected Tonnage for domestic market	66	66	131	131	131	131	590
	Average Domestic Demand (2021)	47	47	93	93	93	93	419
	Surplus / shortage (Tonnage)	19	19	38	38	38	38	171
Sweet Potato	Expected Tonnage for domestic market	139	46	206	61	102	10	518
	Average Domestic Demand (2021)	60	60	120	120	120	120	540
	Surplus / shortage (Tonnage)	79	-14	86	-59	-18	-110	-22
Watermelon	Expected Tonnage for domestic market	40	0	204	0	0	0	244
	Average Domestic Demand (2021)	70	70	140	140	140	140	630
	Surplus / shortage (Tonnage)	-30	-70	64	-140	-140	-140	-386

Table 2A continues..

Sweet melon	Expected Tonnage for domestic market	0	0	53	0	0	0	53
	Average Domestic Demand (2021)	35	35	70	70	70	70	315
	Surplus / shortage (Tonnage)	-35	-35	-18	-70	-70	-70	-263
Lettuce Iceberg	Expected Tonnage for domestic market	34	46	74	48	48	48	250
	Average Domestic Demand (2021)	38	38	75	75	75	75	338
	Surplus / shortage (Tonnage)	-4	8	-2	-28	-28	-28	-88

Source: NAB 2022

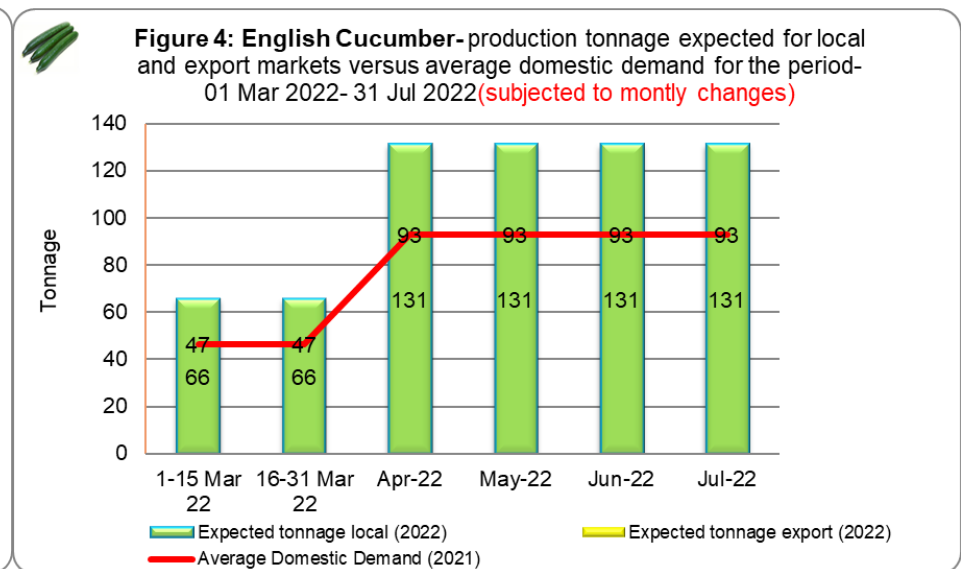
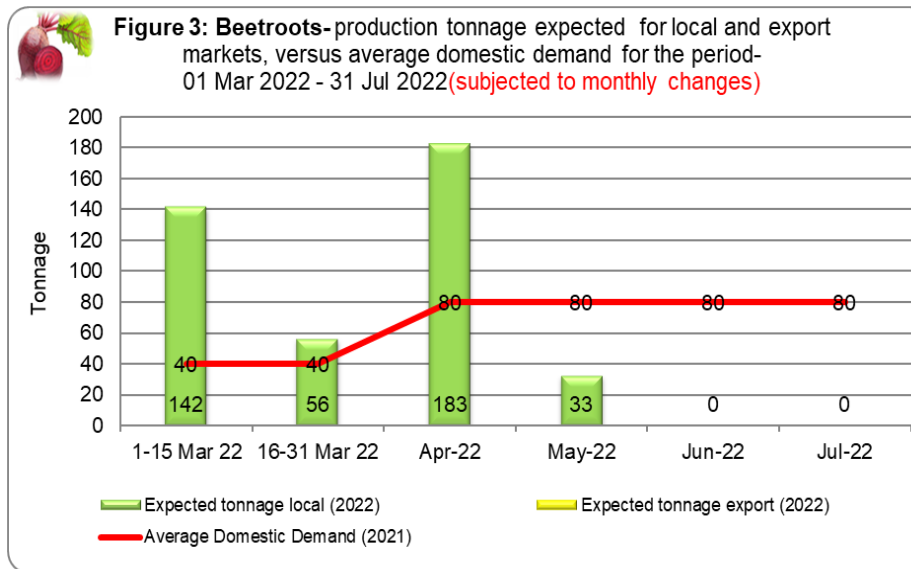
Table 3B indicates the total availability tonnage of Mushroom, Cauliflower and Broccoli as monitored crops.

Table 3B: Analysis of the total expected tonnage for domestic market versus domestic demand.								
Crops	Expected Surplus or Shortage	1-15 Mar 22	16-28 Mar 22	Apr-21	May-22	Jun-22	Jul-21	Total
Cauliflower	Expected Tonnage for domestic market	2	2	8	8	0	0	18
	Average Domestic Demand (2021)	40	40	40	40	40	40	200
	Surplus / shortage (Tonnage)	-38	-38	-32	-32	-40	-40	-182
Broccoli	Expected Tonnage for domestic market	4	6	9	7	0	0	20
	Average Domestic Demand (2021)	30	30	30	30	30	30	150
	Surplus / shortage (Tonnage)	-27	-24	-21	-23	-30	-30	-130
Mushroom	Expected Tonnage for domestic market	22	22	24	24	24	24	118
	Average Domestic Demand (2021)	60	60	60	60	60	60	300
	Surplus / shortage (Tonnage)	-38	-38	-36	-36	-36	-36	-182

Source: NAB 2022

5 GRAPHICAL ANALYSIS

Figure 3 and 4 shows that there will be sufficient local supply for Beetroots and English Cucumbers for the forecasted period as illustrated in the graphs below. Sweet potatoes will be sufficient for the first two weeks of for the special permit period of 01 – 31 March 2021 as indicated in figure 5.



Graphical analysis continues.....



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

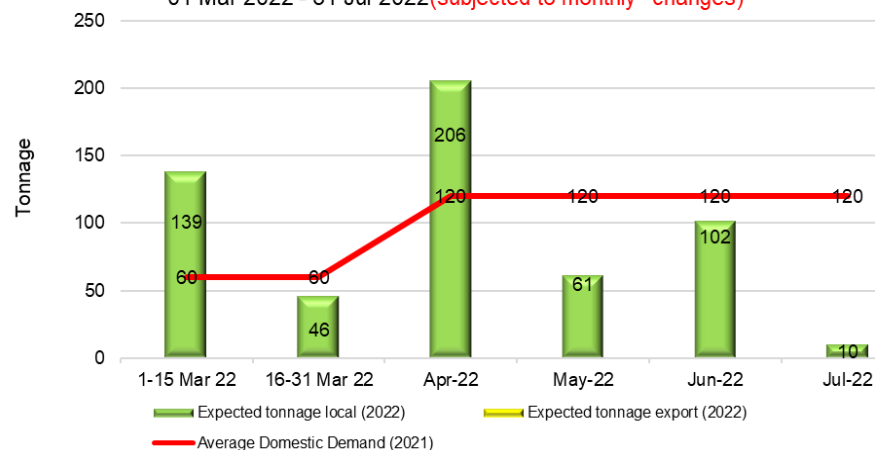


Figure 6: Watermelon-production tonnage expected for local and export markets, versus average domestic demand for the period 01 Mar 2022 - 31 Jul 2022 (subjected to monthly changes)

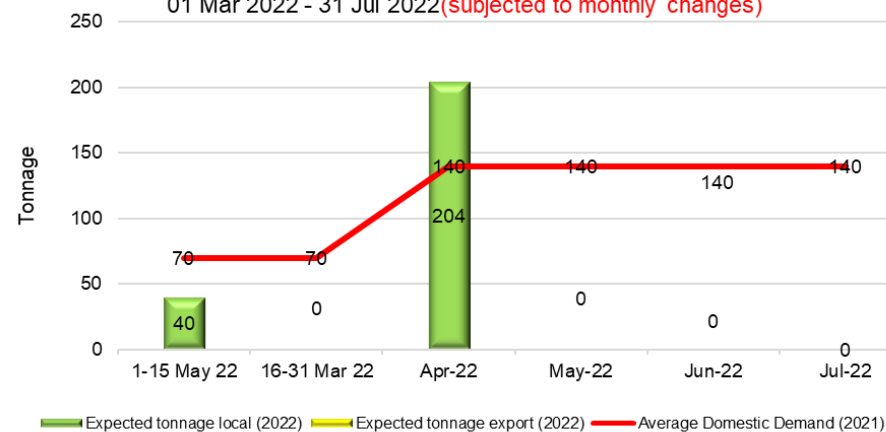


Figure 7: Sweetmelon production tonnage expected for local and export markets, versus domestic demand for the period 01 Mar 2022 - 31 Jul 2022 (subjected to monthly changes)

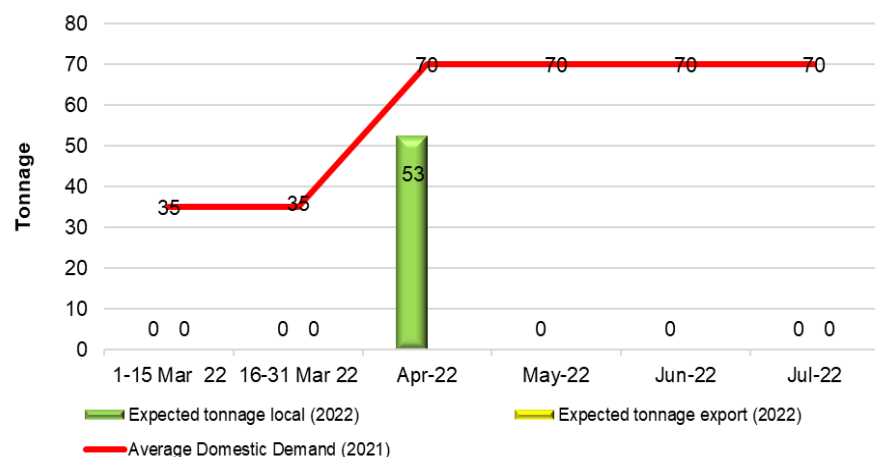


Figure 8: Lettuce Iceberg production tonnage expected for local and export markets, versus average domestic demand for the period- 01 Mar 2022 - 30 Jun 2022 (subjected to monthly changes)

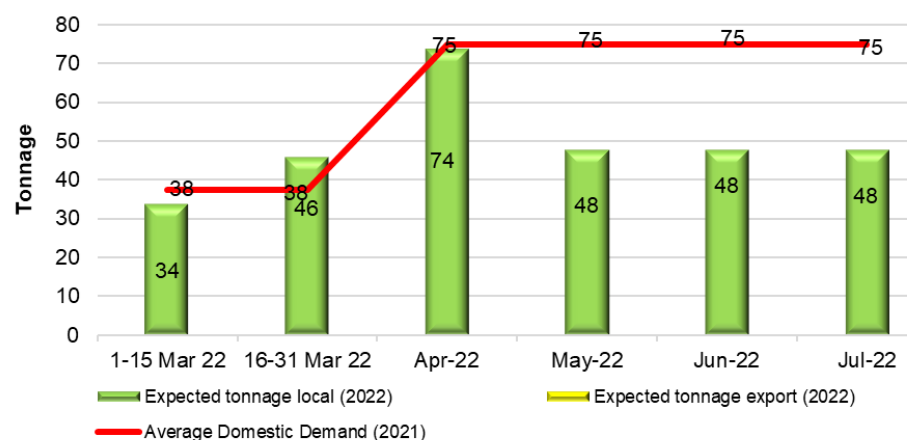
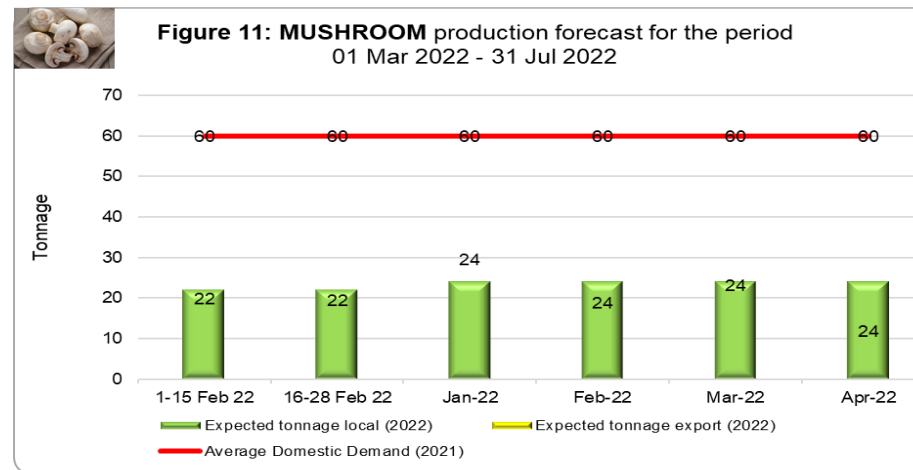
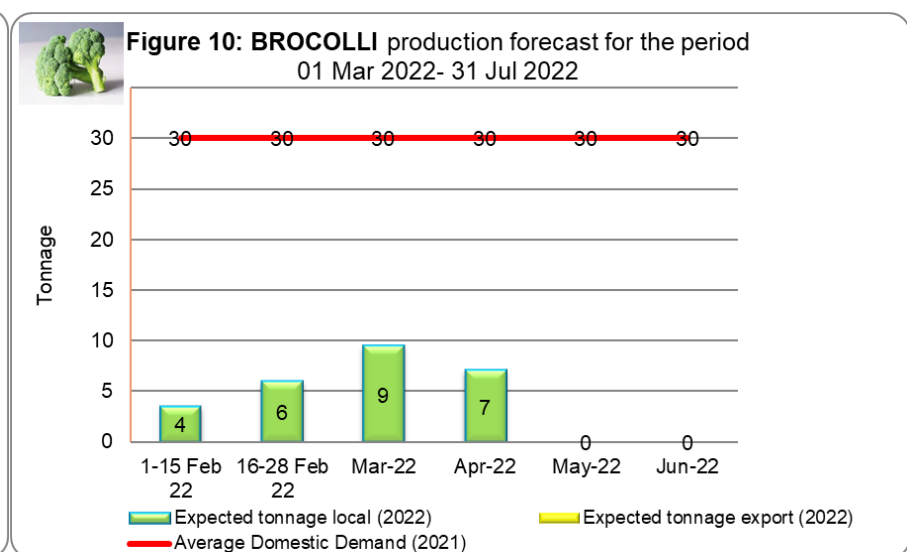
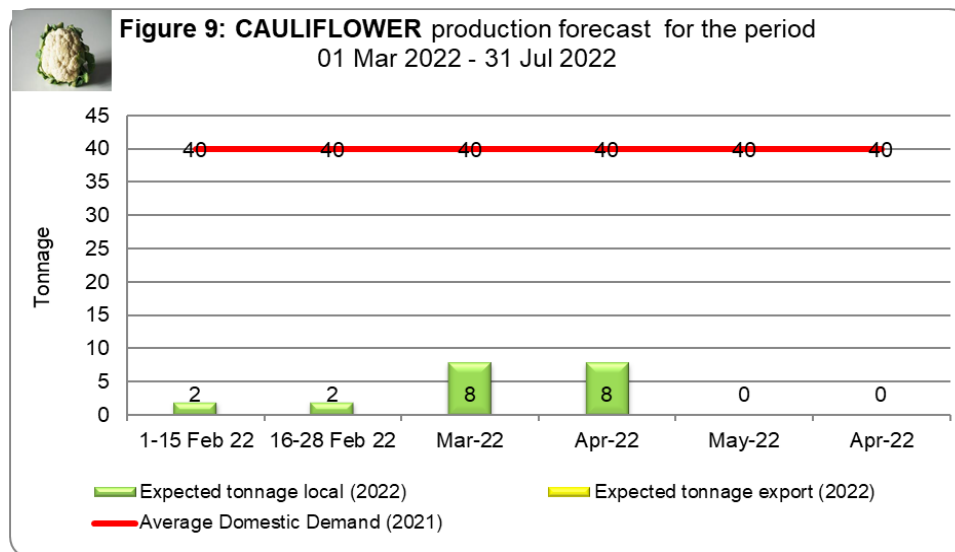


Figure 9,10 and 11 shows available local tonnage of Cauliflower, Broccoli and Mushroom as monitored crops.



Source: NAB 2022

6. CONCLUSION and RECOMENDATIONS

The report indicates that there will be sufficient local supply of Beetroots and English Cucumbers, (**refer to table 3 and figure 3 and 4**). Hence the borders will be closed for Beetroots and English Cucumber for the special import permit period 1-31 March 2022. Whereas, Lettuce iceberg will be opened on pro-lata basis of **30%** import and **70%** local in the first two weeks of March (**1-15 Mar 2022**). Also, Sweet Potatoes will be closed in the first two weeks of march (**1-15 March 2022**) and open in the second half of march. Please note that, further import restriction will be implemented during the reporting period and hence the open and close borders decision is subjected to changes. This decision will however depend on the updated production data from the producers. Hence, producers are encouraged to immediately notify NAB in case of deviations from cropping program or in the event of crop failure due to factors beyond producers' control. On the other hand, Traders are encouraged to contact the local producers indicated in Table 1 A& B (**availability calendar**) to make local purchase arrangement and comply with their 47% MSP requirements.

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

[illegible]