



HORTICULTURE: VEGETABLE PRODUCTION FORECAST REPORTS _1,2, & 3,

FORECASTED PERIOD:

01 APRIL TO 31 AUGUST 2023

Introduction

*In these three (3) production forecast reports, the local production forecast for 20 Special Controlled Products (SCP) is considered. At the beginning of each report, the inclusion and exclusions for each special controlled product are discussed. Next, the tonnage expected to be harvested per production area during the forecasted period is analyzed and the producers expected to harvest specific special controlled products are shown in the availability calendar. Subsequently, the surplus and shortages expected for each SCP are shown both in the table and graphically to inform the close and open borders period. It is imperative to note that, the production of the **special controlled products** is monitored by NAB and involves a close border period whenever sufficient local production is expected. 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** mentioned in these reports are those horticultural crops whose production is closely monitored and have the greatest potential to be added to the special controlled products in the future. Hence, monitored crops form part of the SCP exclusions and they are imported using the mixed fruit and vegetables import permit valid for 90 days. Therefore, the objectives of vegetable production forecast reports are:*

- *Assist traders and producers to understand special controlled products in surplus or shortages to inform their buying and planting decisions respectively.*
- *Inform the close and open borders period implementation by the NAB which encourages traders to source local horticulture products when sufficient/available.*
- *Facilitate market between traders and producers by demonstrating the producers that are expected to harvest specific specially controlled products during the forecasted period.*
- *To effectively disseminate information to all value chain actors in the horticulture industry to observe the local production volume forecasted for a specific period (i.e. 5 months ahead).*



Butternuts



Cabbage



Gem Squash



Onions



Potatoes



Pumpkins



Garlic



HORTICULTURE: VEGETABLE PRODUCTION FORECAST

REPORT NO. 1

FORECASTED PERIOD:

01 APRIL TO 31 AUGUST 2023

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**. Please see the listed inclusions and exclusions for the aforementioned Special Controlled Products in table 1 below

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, 2023

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

Table 2 below shows the total expected tonnage to be harvested, and hectares planted per crop per production area during the forecasted period of **01 April to 31 August 2023**.

Table 2: FIVE MONTHS EXPECTED PRODUCTION PER CROP, PER AREA FOR THE PERIOD: 01 April to 31 August 2023														
Numbers in the table below represents tonnage													Last updated: 20 March 2023	
PRODUCTION AREAS	Special controlled and monitored crops	Apr-23			May-23		Jun-23		Jul-23		Aug-23		Total (for the 5 months period)	
		01-15 Mar 23 Local	16-31 Mar 23 Local	01-31 Mar 23 Export	Local	Export	Local	Export	Local	Export	Local	Export	Yield	Ha to be harvested
ZAMBEZI REGION	Butternuts	0.11	0.11	0.00	0.00	0.00	0.00	0.00	4.76	0.00	4.76	0.00	9.74	0.58
	Cabbage	7.74	7.74	0.00	10.63	0.00	1.70	0.00	6.80	0.00	0.00	0.00	34.60	0.98
	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
	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	0.38	0.00	0.00	2.98	0.00	8.50	0.00	0.00	0.00	0.00	0.00	11.86	0.47
	Cabbage	19.08	38.63	0.00	41.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99.54	3.18
	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	34.00	0.00	34.00	0.00	68.00	2.00
	Potatoes	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.20
NORTH CENTRAL	Pumpkins	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Butternuts	37.91	44.12	0.00	47.69	0.00	9.78	0.00	4.76	0.00	0.00	0.00	144.25	9.77
	Cabbage	24.65	38.68	0.00	53.98	0.00	65.45	0.00	25.50	0.00	0.00	0.00	208.25	4.52
	Gem squash	4.25	4.25	0.00	1.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.20	0.60
	Onions	0.00	0.00	0.00	0.00	0.00	12.75	0.00	12.75	0.00	0.00	0.00	25.50	1.00
KARSTLAND	Pumpkins	0.00	1.70	0.00	16.15	0.00	8.50	0.00	0.00	0.00	0.00	0.00	26.35	0.85
	Butternuts	78.63	74.38	0.00	176.80	0.00	165.75	0.00	76.50	0.00	0.00	0.00	572.05	29.40
	Cabbage	138.98	144.93	0.00	420.75	0.00	363.80	0.00	119.85	0.00	103.70	0.00	1292.00	20.80
	Gem squash	0.00	4.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.25	0.25
	Onions	212.50	102.00	0.00	1229.10	0.00	1744.63	913.75	1500.25	858.50	213.35	0.00	6774.08	149.05
CENTRAL	Potatoes	0.00	238.00	0.00	238.00	0.00	1054.00	0.00	527.00	0.00	531.25	0.00	2588.25	63.25
	Pumpkins	0.00	0.00	0.00	8.50	0.00	29.75	0.00	0.00	0.00	0.00	0.00	38.25	1.00
	Butternuts	32.30	41.65	0.00	34.00	0.00	34.00	0.00	0.00	0.00	0.00	0.00	141.95	5.50
	Cabbage	11.48	19.98	0.00	178.08	0.00	19.13	0.00	42.50	0.00	0.00	0.00	271.15	6.55
	Gem squash	3.83	3.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.65	0.30
SOUTH AND ORANGE RIVER	Onions	4.25	8.50	0.00	27.63	0.00	840.23	633.25	714.00	658.75	739.50	106.25	3732.35	87.65
	Potatoes	170.00	276.25	0.00	841.50	0.00	8.50	0.00	0.00	0.00	0.00	0.00	1296.25	32.70
	Pumpkins	17.85	17.00	0.00	73.95	0.00	34.00	0.00	0.00	0.00	0.00	0.00	142.80	5.30
	Butternuts	58.23	60.35	0.00	29.75	0.00	0.00	89.25	0.00	89.25	0.00	89.25	416.08	16.25
	Cabbage	69.28	85.43	0.00	178.50	0.00	165.75	0.00	63.75	0.00	63.75	0.00	626.45	12.40
Total expected production tonnage per crop per month	Gem squash	4.25	4.25	0.00	0.00	0.00	0.00	77.35	0.00	77.35	0.00	77.35	240.55	11.50
	Onions	0.00	0.00	0.00	0.00	0.00	10.20	0.00	78.20	0.00	0.00	0.00	88.40	2.00
	Pumpkins	94.78	99.03	0.00	40.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	234.60	6.10
	Butternuts	208	221	0	291	0	218	89	86	89	5	89	1296	62
	Cabbage	271	335	0	884	0	616	0	258	0	167	0	2532	48
Total expected production tonnage per crop per month	Gem Squash	12	17	0	2	0	0	77	0	77	0	77	263	13
	Onions	217	111	0	1257	0	2598	1547	2261	1517	987	106	10600	240
	Potatoes	170	515	0	1080	0	1063	0	527	0	531	0	3885	96
	Pumpkins	113	118	0	139	0	72	0	0	0	0	0	442	13
	Garlic	0	0	0	0	0	0	0	0	0	0	0	0	0

Source: NAB, 2023

3. AVAILABILITY OF THE EXPECTED CROPS PER PRODUCERS

Table 3A shows availability of the expected **special controlled crops** per area, per producer and per month. Traders are advised to contact producers listed herein, to arrange for local purchase, hence comply with 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 2023 Last updated: 20 March 2023																																		
Contact Person	Target Market			01-15 Apr 2023					16-30 Apr 2023					May-23					Jun-23					Jul-23					Aug-23					
	Local Informal	Local Formal	Export	Butternuts	Cabbage	Gem Squash	Onions	Potatoes	Pumpkins	Butternuts	Cabbage	Gem Squash	Onions	Potatoes	Pumpkins	Butternuts	Cabbage	Gem Squash	Onions	Potatoes	Pumpkins	Butternuts	Cabbage	Gem Squash	Onions	Potatoes	Pumpkins	Butternuts	Cabbage	Gem Squash	Onions	Potatoes	Pumpkins	
ZAMBEZI																																		
1	Charity Mulemwa Goaises	√	√																															
2	Clement Mulyokela	√	√																															
3	Hidden M Kabula	√	√																															
4	Jonathan Kamwi	√	√																															
5	Kenneth Simasiku Sitali	√	√																															
6	Lucious Chata	√	√																															
7	Ngaleule Pelekelo	√	√																															
KAVANGO																																		
1	Andrew Kasherera	√	√																															
2	Cliff Mbala	√	√																															
3	Henrick Locke	√	√																															
4	Jonathan Mukwangu	√	√																															
5	Kantema Sebastian Hausiku	√	√																															
6	Maxwell Nghidinwa	√	√																															
7	Mukuve Hausiku	√	√																															
8	Nangolo Henock Katanga	√	√																															
9	Pius Kapikara	√	√																															
10	Thadeus Mushambe	√	√																															
NORTH CENTRAL																																		
1	Andreas Shilomboleni	√	√																															
2	Asser & Taapopi Moses	√	√																															
3	Aurelia Shikesho	√	√																															
4	Elifas Nuuyoma	√	√																															
5	Emile Marais	√	√																															
6	Emily Naunyang	√	√																															
7	Immanuel Hambia	√	√																															
8	Johannes Naindjala	√	√																															
9	Junias Mwafekelange	√	√																															

Table 3A continues.....

10	Lonia Ismael	✓	✓																										
11	Lukas Moongela	✓	✓																										
12	Ndasilohenda Nakashwa	✓	✓																										
13	Olavi Hamutumwa	✓	✓																										
14	Paulus Titus	✓	✓																										
15	Pupyenaye Tjavanga	✓	✓																										
16	Sacky Shilyomunhu	✓	✓																										
17	Shetuuka Shetuuka	✓	✓																										
18	Shikesho Benjamin	✓	✓																										
19	Sylvanus Naunyango	✓	✓																										
20	Thomas Tangeni Negonga	✓	✓																										
21	Tarcisius Shingundu	✓	✓																										
22	Wilhelmina Heita	✓	✓																										

KARSTLAND











































































Contact Person		Local Informal	Local Formal	Export	01-15 Apr 2023					16-30 Apr 2023					May-23					Jun-23					Jul-23					Aug-23				
1	Andre Neethling	✓	✓																															
2	CD Shifotoka	✓	✓																															
3	CJJ van der Merwe (Neels)	✓	✓																															
4	C.J. Von Molendorff	✓	✓	✓																														
5	Cobus Coetzee	✓	✓	✓																														
6	Dirk van der Berg	✓	✓	✓																														
7	Eric & Elizabeth van Druten	✓	✓																															
8	Fortune Musimwa	✓	✓																															
9	Fradncois Robbertse	✓	✓																															
10	Franklin Mate	✓	✓																															
11	Geoffrey Shekupe	✓	✓																															
12	Gerhard Sachse	✓	✓																															
13	Gero Hirsch	✓	✓																															
14	Hagen Frenzel	✓	✓	✓																														
15	Heinrich van Eeden	✓	✓	✓																														
16	Jan Cronje	✓	✓																															
17	Jan Keyser	✓	✓	✓																														
18	John & Linnea Shaetonhodi	✓	✓																															
19	Juuso Kamukwatange	✓	✓																															
20	LM Potgieter	✓	✓																															
21	Louis Du Plessis	✓	✓	✓																														
22	Luther J. Rukira	✓	✓																															
23	Ludie Kolver	✓	✓	✓																														

Table 3A continues.....

SOUTH AND ORANGE RIVER																																								
NAME OF PRODUCER		Local informal	local Formal	Export	01-15 Apr 2023						16-30 Apr 2023						May-23						Jun-23						Jul-23						Aug-23					
1	Burger J. Harmse	√	√																																					
2	Elize Eliphas	√	√																																					
3	Elmarie Janse van Rensburg	√	√																																					
4	Herman van Dyk	√	√																																					
5	Hoekes van Niekerk	√	√																																					
6	Jimmy E. O'kenedy	√	√																																					
7	SSW and Fanie Louw	√	√																																					
8	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, Jan Keyser and Tommie Martinson in the Karst; Etienne Jooste and Ludie Kolver in Central while Frans Wentzel at Orange River area . All other producers supplies unwashed or brushed potatoes																																								

Source: NAB, 2023

4. EXPECTED PRODUCTION VS DEMAND ANALYSIS

4.1 TABULATION ANALYSIS

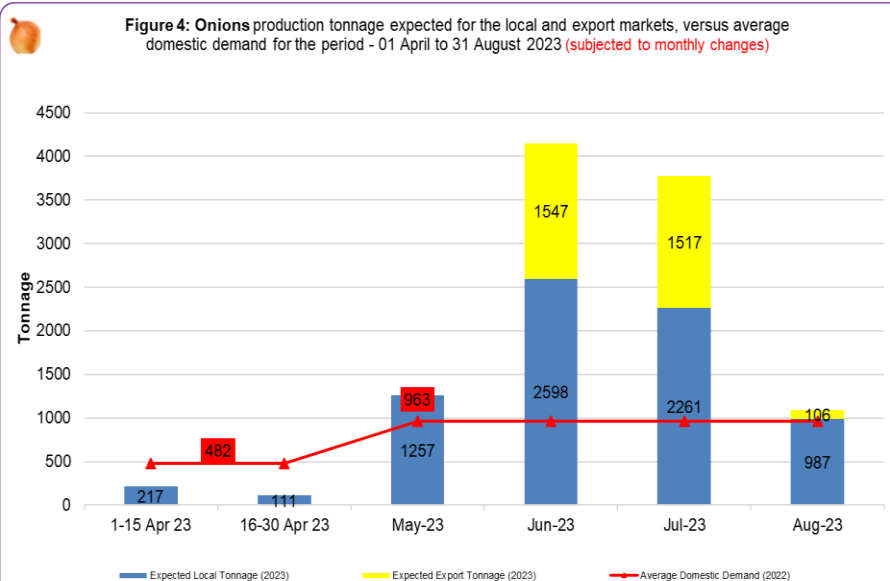
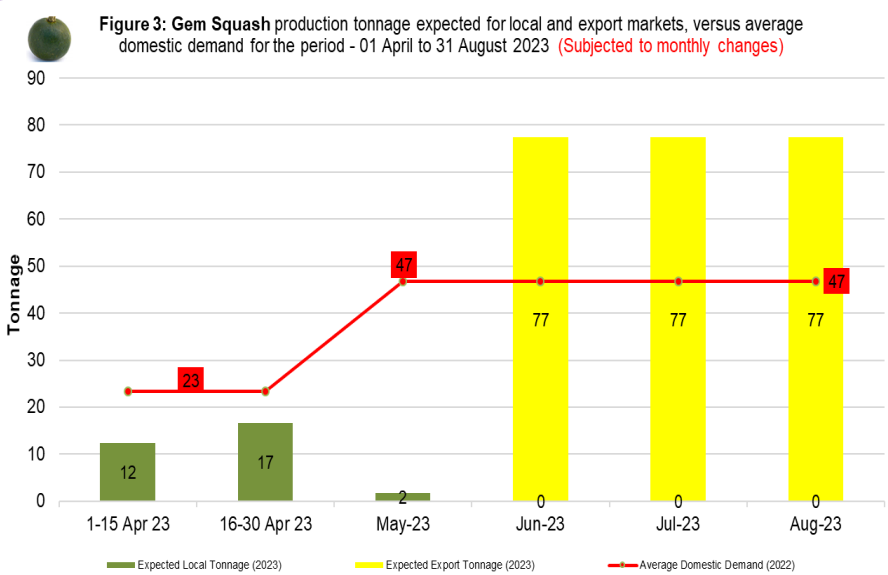
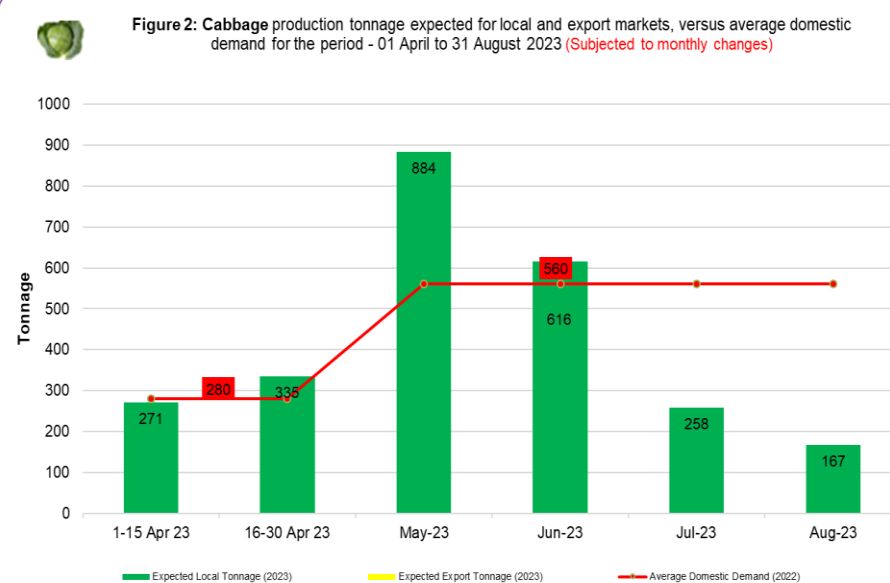
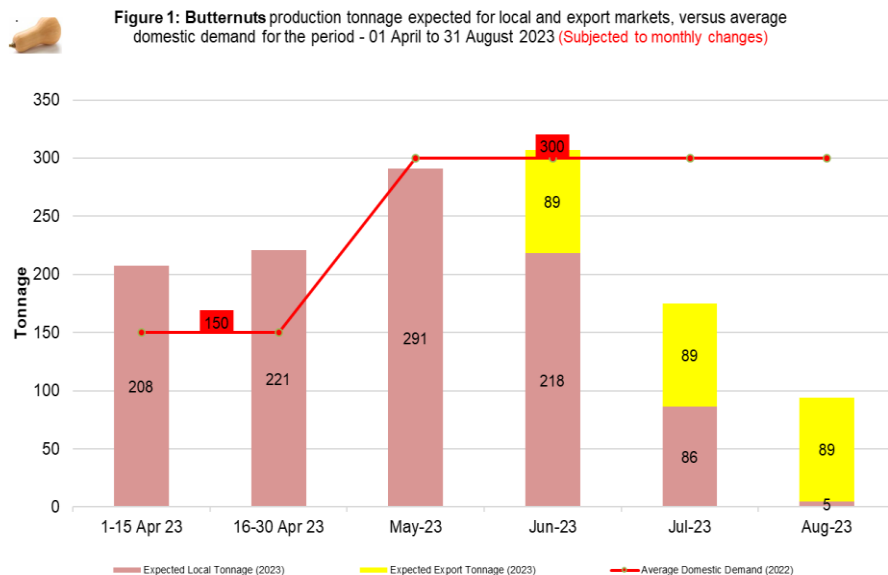
Table 4 below revealed the special controlled products in surplus and shortage for the forecasted period. The total tonnage for butternuts and Pumpkins are expected to be in surplus from 01 to 30 April 2023, whilst gem squashes, onions and potatoes are expected to be in shortage in April 2023.

Table 4: ANALYSIS OF THE EXPECTED TONNAGE FOR DOMESTIC MARKET VERSUS AVERAGE DOMESTIC DEMAND								
Numbers in this table represents tonnage					Last updated: 20 March 2023			
Special Controlled Crops	Expected Surplus or Shortage	01-15 Apr 2023	16-30 Apr 2023	May-23	Jun-23	Jul-23	Aug-23	Total
Butternuts	Expected for domestic market	208	221	291	218	86	5	1028
	Average domestic demand	150	150	300	300	300	300	1498
	Surplus / shortage	58	71	-8	-82	-214	-295	-470
Cabbage	Expected for domestic market	271	335	884	616	258	167	2532
	Average domestic demand	280	280	560	560	560	560	2800
	Surplus / shortage	-9	55	324	56	-302	-393	-268
Gem Squash	Expected for domestic market	12	17	2	0	0	0	31
	Average domestic demand	23	23	47	47	47	47	234
	Surplus / shortage	-11	-7	-45	-47	-47	-47	-203
Onions	Expected for domestic market	217	111	1257	2598	2261	987	7429
	Average domestic demand	482	482	963	963	963	963	4815
	Surplus / shortage	-265	-371	294	1635	1298	24	2614
Potatoes	Expected for domestic market	170	515	1080	1063	527	531	3885
	Average domestic demand	1,784	1784	3568	3568	3568	3568	17841
	Surplus / shortage	-1614	-1270	-2489	-2506	-3041	-3037	-13956
Pumpkins	Expected for domestic market	113	118	139	72	0	0	442
	Average domestic demand	63	63	126	126	126	126	629
	Surplus / shortage	50	55	14	-54	-126	-126	-187

Source: NAB, 2023

4.2 GRAPHICAL ANALYSIS

Graphical analysis shows the domestic production tonnage expected for the local and export markets in comparison to the average domestic demand. **Figure 1 and 6** shows that butternuts and pumpkins are expected to be in surplus, whereas **figure 3, 4 and 5** shows that gem squashes, onions and potatoes are expected to be insufficient to meet the local demand in April 2023.



Graphical analysis figures continue...



Colour Pepper



Tomato Round



Tomato Jam



Cherry Tomato



Green Pepper



Spinach



Carrot



HORTICULTURE: VEGETABLES PRODUCTION FORECAST

REPORT NO.2

FORECASTED PERIOD:
01 APRIL 2023 TO 31 AUGUST 2023

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 Cocktail/Cherry Tomato**. Please see the listed inclusions and exclusions for the aforementioned Special Controlled Products in Table 1 below;

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

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

Whole: any fresh fruit or vegetable that has not been altered from its original form.

Cut any fresh fruit or vegetable that has been physically altered from its original form, but remains in a fresh state.

Dried: any Fresh fruit or vegetable that has been dried or dehydrated, either whole or in pieces/cuts.

Frozen: any fresh fruits or vegetables that have had their temperature reduced and maintained 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 Colour 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 Apr 23		16-30 Apr 23		May-23		Jun-23		Jul-23		Aug-23		Totals	
		Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Expected tonnage	Hectares planted
ZAMBEZI	Tomato Round	1.2	0.0	1.2	0.0	13.0	0.0	14.4	0.0	2.3	0.0	2.3	0.0	34.5	1.1
	Tomato Jam	0.2	0.0	0.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0
	Carrot	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Green Pepper	0.2	0.0	0.2	0.0	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.9	0.8
	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
	Cherry Tomato	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KAVANGO	Tomato Round	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.3
	Tomato Jam	6.9	0.0	8.4	0.0	8.1	0.0	3.9	0.0	0.0	0.0	0.0	0.0	27.4	0.9
	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	0.6	0.0	0.1	0.0	0.6	0.0	0.0	0.0	3.6	0.5
	Coloured Pepper	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Spinach	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Cherry Tomato	0.0	0.0	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	21.9	0.0	48.2	0.0	163.4	0.0	63.5	0.0	8.7	0.0	0.0	0.0	305.7	10.0
	Carrot	0.0	0.0	9.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	0.9
	Green Pepper	221.8	0.0	222.1	0.0	446.9	0.0	79.8	0.0	6.2	0.0	1.0	0.0	977.9	1.9
	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	0.6	0.0	0.6	0.0	1.1	0.0	1.1	0.0	1.0	0.0	0.0	0.0	4.3	0.3
	Cherry Tomato	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 2 continued...

KARST	Tomato Round	0.0	0.0	0.0	0.0	45.0	0.0	51.7	0.0	9.6	0.0	0.0	0.0	106.3	2.8
	Tomato Jam	69.9	0.0	85.4	0.0	93.2	0.0	71.2	0.0	14.0	0.0	0.0	0.0	333.6	14.0
	Carrot	45.0	0.0	115.0	0.0	290.0	0.0	300.0	0.0	120.0	0.0	120.0	0.0	990.0	16.5
	Green Pepper	20.2	0.0	20.2	0.0	22.8	0.0	5.5	0.0	5.0	0.0	0.0	0.0	73.7	4.7
	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	2.0	0.0	2.5	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.8
CENTRAL	Tomato Round	120.6	0.0	120.6	0.0	228.5	0.0	116.5	0.0	62.9	0.0	21.9	0.0	670.9	14.4
	Tomato Jam	16.5	0.0	18.0	0.0	58.1	0.0	20.4	0.0	5.0	0.0	0.0	0.0	118.0	5.2
	Carrot	17.5	0.0	17.5	0.0	50.0	0.0	43.0	0.0	35.0	0.0	35.0	0.0	198.0	5.7
	Green Pepper	37.8	0.0	37.8	0.0	57.9	0.0	9.4	0.0	9.4	0.0	6.4	0.0	158.6	7.6
	Coloured Pepper	76.0	0.0	76.0	0.0	152.0	0.0	153.3	0.0	153.3	0.0	153.3	0.0	764.0	17.2
	Spinach	6.4	0.0	6.4	0.0	13.1	0.0	8.9	0.0	3.2	0.0	3.2	0.0	41.2	3.6
	Cherry Tomato	2.1	0.0	2.1	0.0	3.9	0.0	1.8	0.0	0.0	0.0	0.0	0.0	9.8	1.2
SOUTH AND ORANGE RIVER	Tomato Round	10.4	0.0	10.4	0.0	18.8	0.0	732.1	442.7	728.3	0.0	728.3	0.0	2228.3	129.7
	Tomato Jam	1.5	0.0	1.5	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.4
	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	11.2	0.0	11.2	0.0	16.9	0.0	55.9	0.0	51.9	0.0	51.9	0.0	198.8	53.5
	Coloured Pepper	0.0	0.0	0.0	0.0	0.0	0.0	47.0	11.8	47.0	11.8	47.0	11.8	141.0	10.5
	Spinach	0.5	0.0	0.0	0.0	1.1	0.0	1.1	0.0	1.1	0.0	0.8	2.0	4.6	0.2
	Cherry Tomato	0.0	0.0	0.0	0.0	0.0	0.0	66.0	117.0	66.0	117.0	66.0	117.0	198.0	6.0
Total expected per crop per month	Tomato Round	134.1	0.0	132.3	0.0	305.3	0.0	914.6	442.7	803.1	0.0	752.5	0.0	3041.8	148.2
	Tomato Jam	116.9	0.0	161.7	0.0	326.2	0.0	159.1	0.0	27.7	0.0	0.0	0.0	791.5	30.4
	Carrot	62.5	0.0	141.5	0.0	348.0	0.0	343.0	0.0	155.0	0.0	155.0	0.0	1205.0	23.1
	Green Pepper	292.3	0.0	292.7	0.0	545.3	0.0	150.8	0.0	73.1	0.0	59.3	0.0	1413.5	68.9
	Coloured Pepper	76.0	0.0	76.0	0.0	152.0	0.0	200.3	11.8	200.3	11.8	200.3	11.8	905.0	27.7
	Spinach	7.5	0.0	7.0	0.0	15.3	0.0	11.1	0.0	5.3	0.0	4.0	2.0	50.2	4.2
	Cherry Tomato	4.1	0.0	4.6	0.0	4.9	0.0	67.8	117.0	66.0	117.0	66.0	117.0	213.3	7.90

Source: NAB,2023

3. EXPECTED AVAILABILITY

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































































TABLE 3A : EXPECTED AVAILABILITY OF SPECIAL CONTROLLED PRODUCTS																																														
KEYS: Tomato Round =  Tomato Jam =  Carrot =  Green Pepper =  Coloured Pepper =  Spinach =  Cocktail/Cherry Tomato = 																																														
ZAMBEZI AREA																																														
SN	Name of Producer	Local	Export	01 to 15 Apr 2023						16 to 30 Apr 2023						May-23						Jun-23						Jul-23						Aug-23												
				Tomato Round	Tomato Jam	Cocktail/Cherry Tomato	Green Pepper	Coloured Pepper	Spinach	Carrot	Tomato Round	Tomato Jam	Cocktail/Cherry Tomato	Green Pepper	Coloured Pepper	Spinach	Carrot	Tomato Round	Tomato Jam	Cocktail/Cherry Tomato	Green Pepper	Coloured Pepper	Spinach	Carrot	Tomato Round	Tomato Jam	Cocktail/Cherry Tomato	Green Pepper	Coloured Pepper	Spinach	Carrot	Tomato Round	Tomato Jam	Cocktail/Cherry Tomato	Green Pepper	Coloured Pepper	Spinach	Carrot								
1	Andrew Inambao	✓																																												
2	Bernald Silwabubi	✓																																												
3	Bernard Sitali	✓																																												
4	Clement Mulyokela	✓																																												
5	Fernando Baptista	✓																																												
6	Hidden Kabula	✓																																												
7	Joseph Simataa	✓																																												
8	Kenneth Siamiku Sitali	✓																																												
9	Lucious Chata	✓																																												
10	Lucious Tuyuve	✓																																												
11	Ntelamo Ibalelo	✓																																												
12	Rosco Misika Lukubwe	✓																																												
13	Shylock Sinvula	✓																																												
14	Vincent Siliye	✓																																												
KAVANGO AREA																																														
SN	Name of Producer	Local	Export	01 to 15 Apr 2023						16 to 30 Apr 2023						May-23						Jun-23						Jul-23						Aug-23												
				Tomato Round	Tomato Jam	Cocktail/Cherry Tomato	Green Pepper	Coloured Pepper	Spinach	Carrot	Tomato Round	Tomato Jam	Cocktail/Cherry Tomato	Green Pepper	Coloured Pepper	Spinach	Carrot	Tomato Round	Tomato Jam	Cocktail/Cherry Tomato	Green Pepper	Coloured Pepper	Spinach	Carrot	Tomato Round	Tomato Jam	Cocktail/Cherry Tomato	Green Pepper	Coloured Pepper	Spinach	Carrot	Tomato Round	Tomato Jam	Cocktail/Cherry Tomato	Green Pepper	Coloured Pepper	Spinach	Carrot								
1	Bernhard Kudumo	✓																																												
2	Henrick Locke	✓																																												
3	Jonathan Mukwangu	✓																																												
4	Manfred Thikusho	✓																																												
5	Maxwell Nghidinwa	✓																																												
6	Mukuwe Hausiku	✓																																												
7	Ngombe Regina	✓																																												
8	Pauline Ndumba	✓																																												
9	Theophilus Linyando	✓																																												

Table 3 Continued

NORTH CENTRAL AREA																														
	Name of Producer			01 to 15 Apr 2023				16 to 30 Apr 2023				May-23				Jun-23				Jul-23				Aug-23						
1	Andreas Ashimbanga	✓																												
2	Anton Joseph	✓																												
3	Aurelia Shikesho	✓																												
4	Chetika Cosmos Mbasela	✓																												
5	Emily Naunyango	✓																												
6	Eugine Eugene	✓																												
7	Junias Mwafekelange	✓																												
8	Karoline Paavo	✓																												
9	Lonia & Abraham Ismael	✓																												
10	Lucas Moongela	✓																												
11	Ndasilohenda Nakashwa	✓																												
12	Olavi Hamutumwa	✓																												
13	Onesmus Alalicky Jordan	✓																												
14	Paulus Titus	✓																												
15	Pupyenaye Tjavanga	✓																												
16	Shetuuka Shetuuka	✓																												
17	Shikesho Benjamin	✓																												
18	Silvanus Naunyango	✓																												
19	Tarcisus Shingundu	✓																												
20	Tauno Hafeni Shikomba	✓																												
21	Thomas Tangeni Negonga	✓																												

KARST AREA																														
	Name of Producer			01 to 15 Apr 2023				16 to 30 Apr 2023				May-23				Jun-23				Jul-23				Aug-23						
1	CD Shifotoka	✓																												
2	Chris Coston	✓																												
3	David Shifotoka	✓																												
4	Eric & Elizabeth van Druten	✓																												
5	Franklin Mate	✓																												
6	Geoffery Shekupe	✓																												
7	Gerhard Sachse	✓																												
8	Gero Hirsch	✓																												
9	Gregory Groenewald	✓																												
10	Jan Cronje	✓																												
11	Johann A. Cloete	✓																												
12	John & Linnea Shaetorhodi	✓																												
13	Juuso Kamukwatange	✓																												
14	Ludwig Kapingana	✓																												
15	Luther J. Rukira	✓																												
16	Magano Kapia	✓																												
17	Mark von Maltzahi	✓																												
18	Munyaridza Murwira	✓																												
19	Mweneni T. Shifotoka	✓																												

4. EXPECTED PRODUCTION VS DEMAND ANALYSIS

4.1 TABULATION ANALYSIS

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

The total tonnage expected for Tomato Jam, Cocktail/Cherry Tomato, Green Pepper and Colour Pepper, is expected to be sufficient in the entire permit period of 01 to 30 April 2023. While Carrot, Spinach and Tomato Round will be insufficient in this permit period of 01 to 30 April 2023.

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 23	16-30 Apr 23	May-23	Jun-23	Jul-23	Aug-23	TOTAL
Tomato Round	Expected for Domestic Market	134.1	132.3	305.3	914.6	803.1	752.5	3041.8
	Average Domestic Demand	165.1	165.1	330.3	330.3	330.3	330.3	1651.3
	Surplus /Shortage	-31.0	-32.9	-25.0	584.3	472.8	422.2	1390.5
Tomato Jam	Expected for Domestic Market	116.9	161.7	326.2	159.1	27.7	0.0	791.5
	Average Domestic Demand	3.7	3.7	7.3	7.3	7.3	7.3	36.6
	Surplus /Shortage	113.2	158.0	318.9	151.7	20.3	-7.3	754.8
Carrot	Expected for Domestic Market	62.5	141.5	348.0	343.0	155.0	155.0	1205.0
	Average Domestic Demand	164.8	164.8	329.7	329.7	329.7	329.7	1648.4
	Surplus /Shortage	-102.3	-23.3	18.3	13.3	-174.7	-174.7	-443.4
Green Pepper	Expected for Domestic Market	292.3	292.7	545.3	150.8	73.1	59.3	1413.5
	Average Domestic Demand	19.0	19.0	38.0	38.0	38.0	38.0	189.8
	Surplus /Shortage	273.3	273.7	507.3	112.9	35.1	21.3	1223.7
Colour Pepper	Expected for Domestic Market	76.0	76.0	152.0	200.3	200.3	200.3	905.0
	Average Domestic Demand	28.6	28.6	57.3	57.3	57.3	57.3	286.4
	Surplus /Shortage	47.4	47.4	94.7	143.1	143.1	143.1	618.6
Cherry Tomato	Expected for Domestic Market	4.1	4.6	4.9	67.8	66.0	66.0	213.3
	Average Domestic Demand	3.3	3.3	6.7	6.7	6.7	6.7	33.4
	Surplus /Shortage	0.7	1.2	-1.8	61.1	59.3	59.3	179.8
Spinach	Expected for Domestic Market	7.5	7.0	15.3	11.1	5.3	4.0	50.2
	Average Domestic Demand	91.7	91.7	183.3	183.3	183.3	183.3	916.5
	Surplus /Shortage	-84.1	-84.7	-168.0	-172.2	-178.0	-179.3	-866.3

Source: NAB,2023

4.2 GRAPHICAL ANALYSIS

Figures 1- 7: Below indicates the expected local tonnage, average domestic demand and export analysis per crop, we therefore expect sufficient supply of Tomato Jam, Cherry Tomato, Green and Colour Pepper from 01 to 30 April 2023 permit period. The Carrot, Spinach and Tomato Round will be insufficient in this permit period.

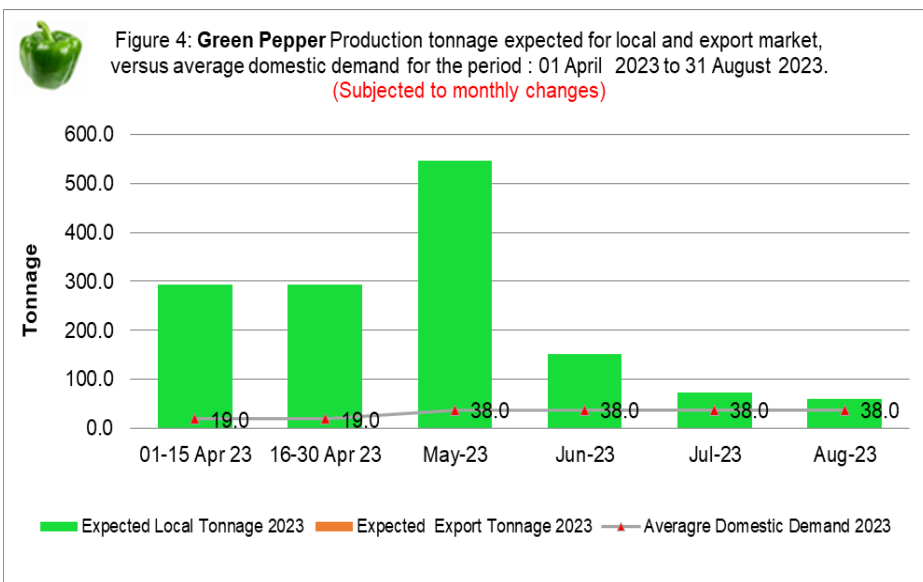
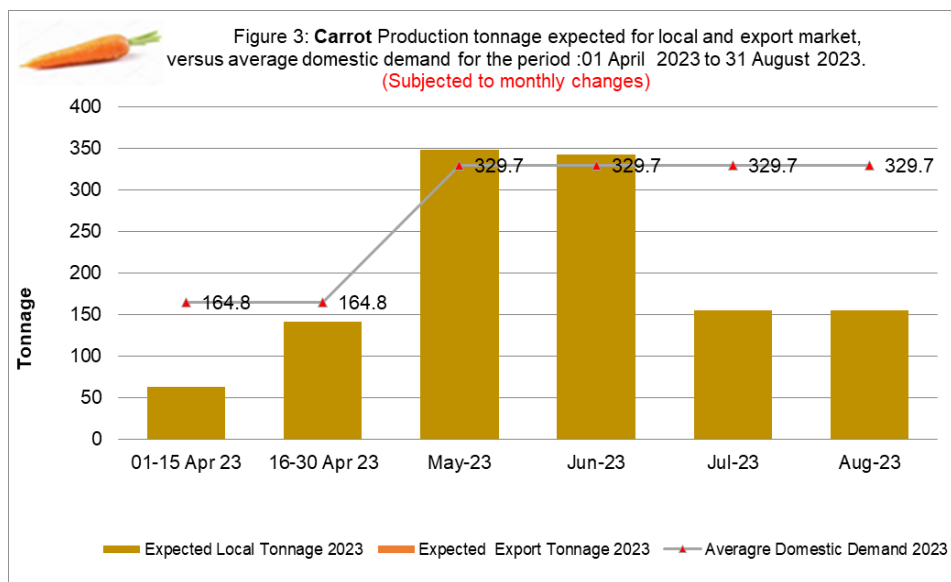
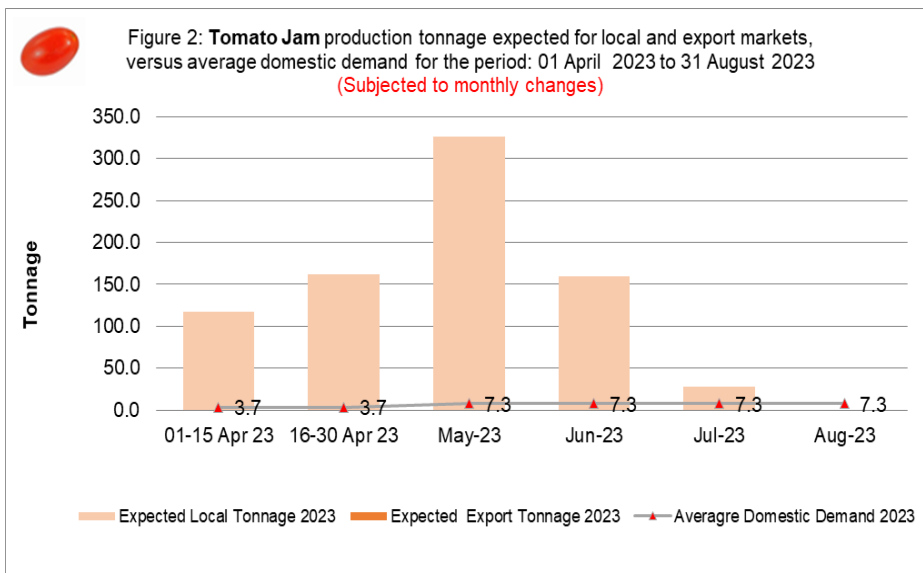
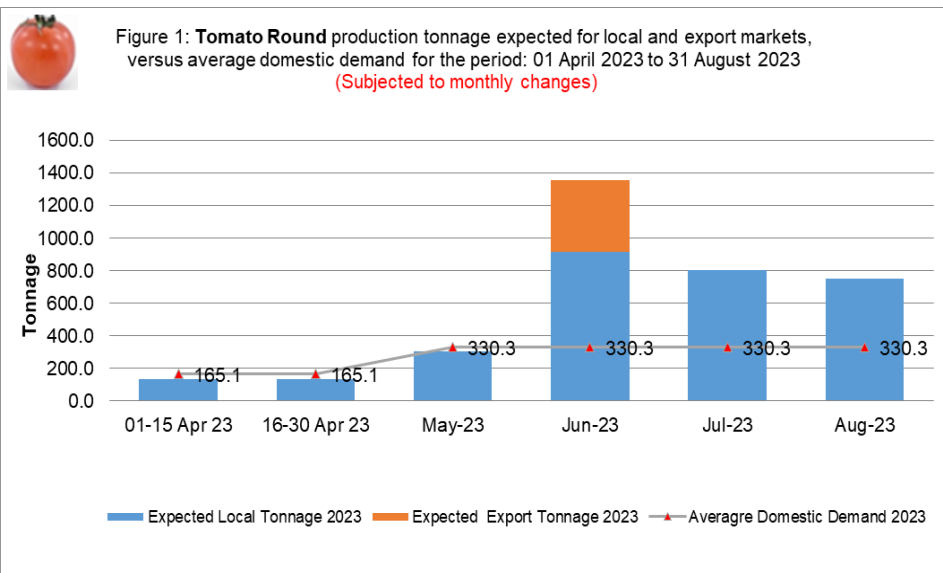




Figure 5: **Cocktail/Cherry Tomato** Production tonnage expected for local and export market, versus average domestic demand for the period: 01 April 2023 to 31 August 2023. (Subjected to monthly changes)

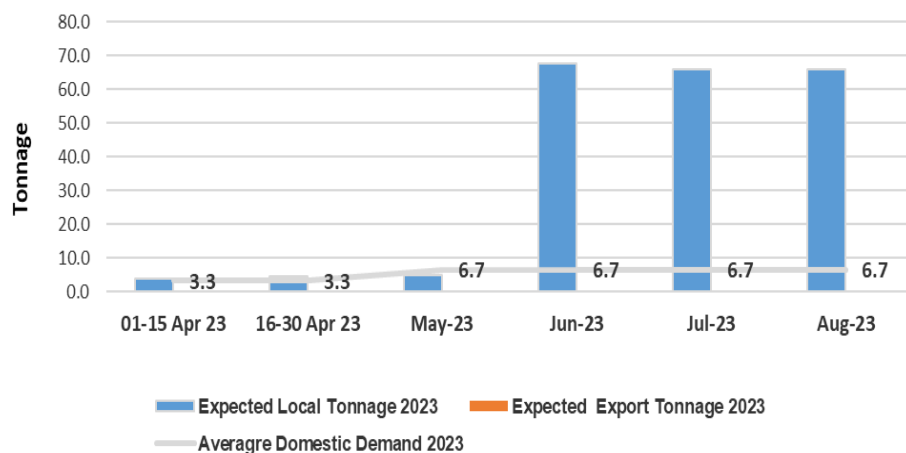


Figure 6: **Colour Pepper** Production tonnage expected for local and export market, versus average domestic demand for the period : 01 April 2023 to 31 August 2023. (Subjected to monthly changes)

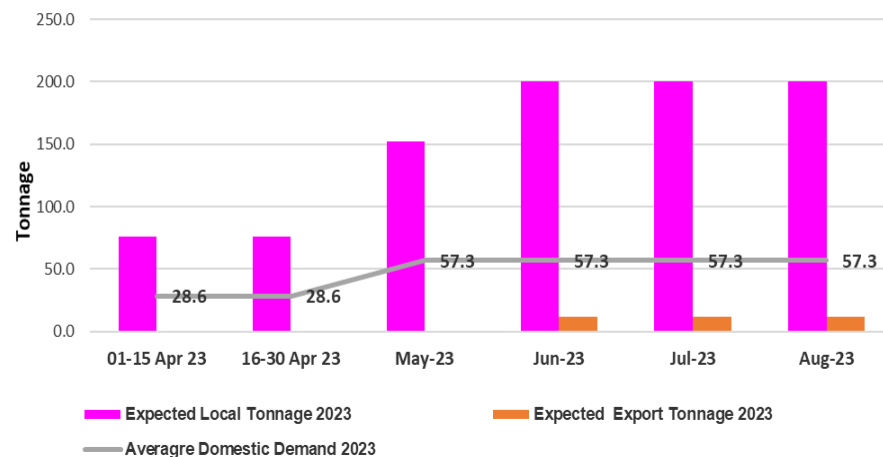
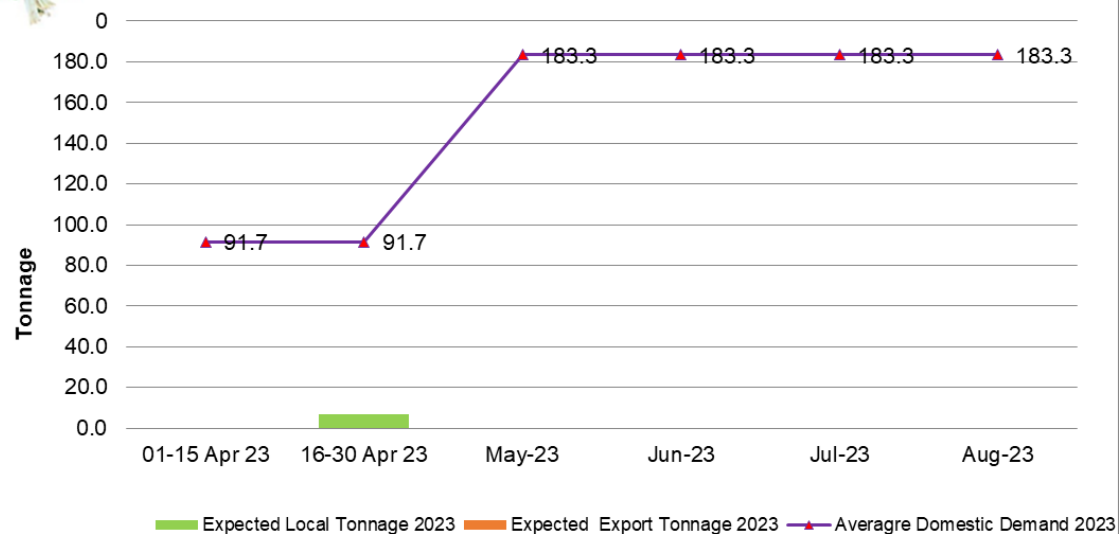


Figure 7 : **Spinach** Production tonnage expected for local and export market, versus average domestic demand for the period : 01 April 2023 to 31 August 2023. (Subjected to monthly changes)



5. CONCLUSIONS AND RECOMMENDATIONS

As illustrated in the report, there will be a sufficient local supply for the following special controlled products; Tomato Jam, Cocktail/Cherry Tomato, Green Pepper and Color Pepper for the entire special permit period of **01 to 30 April 2023**. It is therefore recommended that the above-mentioned product lines be closed for importation during this permit period. However, the Jam tomatoes will be opened on 20% importation to accommodate informal market demand which consumes 70% of the jam tomatoes.

Tomato Round, Carrot and Spinach will be insufficient during the special permit period 01 to 30 April 2023. It is therefore recommended that borders open on pro rata for the importation of Tomato Round (50%:50%), whereas, Carrot and spinach will be opened without restrictions, However, it is imperative to note that the 47% MSP requirement strictly applies at all times.

In conclusion, traders are encouraged to make use of **Table 3** in this report and make purchase arrangements with local producers to achieve their minimum MSP requirement for this quarter.

[illegible]



HORTICULTURE: VEGETABLES PRODUCTION FORECAST

REPORT NO 3

FORECASTED PERIOD:

01 April 2023 TO 30 August 2023

**Agronomy and Horticulture Market Development
Division**

Horticulture Market Development Subdivision

Enquiries: Ms. Selma M Uahengo

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1. INTRODUCTION

Report no. 3, covers the local production forecast for the seven (7) special controlled products such as **Beetroot, English Cucumber, Sweet Potato, Watermelon, Sweet melon, Sweetcorn, and Lettuce**. This report also covers the three (3) monitored crops i.e., **Cauliflower, Broccoli, and Mushroom**. Please find the listed inclusions and exclusions for the aforementioned Special Controlled Products in Table 1 below;

Table 1 below shows the inclusions and exclusions of the special controlled products

SCP Product	INCLUSIONS: Not allowed to be imported, only during open border period	EXCLUSIONS: Allowed to be imported with no restriction
Beetroot	All types, size groups, and container sizes of fresh, chilled, Whole, or Cut red fleshed Beetroot, except the "Exclusions".	Yellow, white, and golden fleshed Beetroot. All frozen, dried, cooked, and preserved beetroot (Whole or Cut). Including Juice/Jam
English Cucumber	All types, size groups, and container sizes of fresh, chilled, Whole, or Cut English Cucumber, except the "Exclusions".	Preserved English Cucumber, and other types of cucumbers. All frozen, dried, cooked, and preserved English Cucumber (Whole or Cut).
Sweet Potato	All types, size groups, and container sizes of fresh, chilled, Whole, or Cut Sweet Potato, except the "Exclusions".	Yellow/Cream fleshed Sweet Potato (Zambian type), Purple Sweet Potato. All frozen, dried, cooked, and preserved Sweet Potato (Whole or Cut).
Watermelon	All types, size groups, and container sizes of fresh, chilled, Whole, or Cut Watermelon, except the "Exclusions".	All Watermelon Juices and Jam.
Sweet melon	All types, size groups, and container sizes of fresh, chilled, Whole, or Cut Sweet Melon, except the "Exclusions".	All Sweet melon Juices and Jam.
Lettuce Iceberg	All types, grades, size groups, and container sizes of fresh, chilled, Whole, or Cut light green/green Iceberg Lettuce as called Head Lettuce, except the "Exclusions".	All Butterhead, Leafy, or Stem types of Lettuce of any color. All frozen, dried, cooked, and preserved Lettuce (Whole or Cut) of any color and shape.
Sweetcorn	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

Whole: any fresh fruit or vegetable that has not been altered from its original form.

Cut: any fresh fruit or vegetable that has been physically altered from its original form but remains in a fresh state.

Dried: any Fresh fruit or vegetable that has been dried or dehydrated, either whole or in pieces/cuts.

Frozen: any fresh fruits or vegetables that have had their temperature reduced and maintained 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 shows the monthly expected production per area of the six special controlled crops in different zones.

Table 1A: Monthly expected production per area, per crop for the period 01 Apr 2023 - 30 Jul 2023															
Numbers in the table below represents tonnage expected to harvested for local and export market														Last updated: 19 Mar 2023	
PRODUCTION AREAS	CROPS	1-15 Apr 23		16-30 Apr 23		May-23		Jun-23		Jul-23		Aug-23		Total (for the 5 months period)	
		Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Yield	Ha to be harvested
ZAMBEZI	Beetroot	0.0	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	0.0	0.0	0.0	0.0	13.6	0.0	3.6	0.0	0.0	0.0	0.0	0.0	17.15	0.85
	Watermelon	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.60	0.01
	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
	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	0.00	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	11.3	0.0	16.4	0.0	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.09	3.51
	Watermelon	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	1.2	0.0	0.0	0.0	5.92	0.15
	Sweetmelon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.06	0.09
	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	0.00	0.00
	Lettuce Iceberg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
NORTH CENTRAL	Beetroot	0.0	0.0	5.0	0.0	0.0	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	61.5	0.0	16.4	0.0	66.5	0.0	26.1	0.0	4.0	0.0	0.0	0.0	174.50	10.57
	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	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.25	0.15
	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	0.00	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

Table 1 A continues...

KARSTLAND	Beetroot	20.0	0.0	45.0	0.0	45.0	0.0	85.0	0.0	85.0	0.0	70.0	0.0	350.00	15.00
	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	0.0	0.0	0.0	0.0	65.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	85.00	2.25
	Watermelon	5.0	0.0	10.0	0.0	4.5	0.0	4.5	0.0	0.0	0.0	0.0	0.0	24.00	2.00
	Sweetmelon	7.5	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	16.50	0.85
	Sweetcorn	5.9	0.0	5.9	0.0	7.8	0.0	7.8	0.0	1.8	0.0	1.8	0.0	30.74	5.25
	Lettuce Iceberg	4.2	0.0	4.1	0.0	18.0	0.0	18.0	0.0	18.0	0.0	18.0	0.0	81.15	5.50
CENTRAL	Beetroot	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.15
	English Cucumbers	64.5	0.0	50.5	0.0	90.4	0.0	100.4	0.0	55.0	0.0	45.0	0.0	405.80	9.13
	Sweet Potatoes	0.0	0.0	0.0	0.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.00	0.90
	Watermelon	4.0	0.0	0.0	0.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.00	1.22
	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
	Sweetcorn	6.0	0.0	2.1	0.0	4.5	0.0	3.5	0.0	0.0	0.0	0.0	0.0	16.10	1.20
	Lettuce Iceberg	9.5	0.0	13.8	0.0	32.5	0.0	40.0	0.0	36.5	0.0	36.5	0.0	168.75	8.35
SOUTH AND ORANGE RIVER	Beetroot	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.00	0.50
	English Cucumbers	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.50	0.30
	Sweet Potatoes	30.0	0.0	35.0	0.0	30.0	0.0	30.0	0.0	30.0	0.0	0.0	0.0	205.00	5.00
	Watermelon	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.00	0.50
	Sweetmelon	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.00	0.50
	Sweetcorn	9.0	0.0	14.5	14.5	23.5	0.0	7.0	0.0	7.0	0.0	0.0	0.0	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
Total expected production per crop per month	Beetroot	40.0	0.0	50.0	0.0	45.0	0.0	85.0	0.0	85.0	0.0	70.0	0.0	375.00	15.90
	English Cucumbers	64.5	0.0	55.0	0.0	90.4	0.0	100.4	0.0	55.0	0.0	45.0	0.0	410.30	9.43
	Sweet Potatoes	102.8	0.0	67.8	0.0	219.8	0.0	79.7	0.0	34.0	0.0	0.0	0.0	547.74	23.07
	Watermelon	9.0	0.0	10.0	0.0	125.1	0.0	9.2	0.0	1.2	0.0	0.0	0.0	154.52	3.88
	Sweetmelon	7.5	0.0	2.3	0.0	45.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	64.81	2.59
	Sweetcorn	20.9	0.0	22.5	14.5	35.8	0.0	18.3	0.0	8.8	0.0	1.8	0.0	46.84	6.45
	Lettuce Iceberg	13.7	0.0	17.9	0.0	50.5	0.0	58.0	0.0	54.5	0.0	54.5	0.0	249.90	13.85

Source: NAB, 2023

Table 1B shows the monthly expected local and export production per production zone for Mushroom, cauliflower, and Broccoli as a monitored crop.

Table 1B: Monthly expected production per area, per crop for the period 01 Apr- 30 Aug 2023													
Numbers in the table below represents tonnage expected to harvested for local and export market												Last updated: 19 March 2023	
PRODUCTION AREAS	CROPS	Apr-23		May-23		Jun-23		Jul-23		Aug-23		Total (for the 5 months period)	
		Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Yield	Ha to be harvested
CENTRAL	Cauliflower	0.0	0.0	0.0	0.0	14.5	0.0	16.5	0.0	14.5	0.0	45.50	3.45
	Broccoli	0.0	0.0	0.0	0.0	14.5	0.0	16.5	0.0	14.5	0.0	45.50	4.35
	Mushroom	6.9	0.0	6.9	0.0	6.9	0.0	6.9	0.0	6.9	0.0	27.60	0.17
SOUTH AND ORANGE RIVER	Cauliflower	0.0	0.0	11.0	0.0	16.6	0.0	0.0	0.0	0.0	0.0	46.10	4.10
	Broccoli	0.0	0.0	0.0	0.0	9.6	0.0	14.8	0.0	0.0	0.0	48.20	3.75
	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
Total expected production per crop per month	Cauliflower	0.0	0.0	11.0	0.0	31.1	0.0	16.5	0.0	14.5	0.0	91.60	7.57
	Broccoli	0.0	0.0	0.0	0.0	24.1	0.0	31.3	0.0	14.5	0.0	93.70	8.10
	Mushroom	6.9	0.0	6.9	0.0	6.9	0.0	6.9	0.0	6.9	0.0	27.60	0.17

Source; NAB 2023

3. EXPECTED AVAILABILITY PER PRODUCER

Table 2A below indicates the expected monthly availability per producer in each respective production zone. Traders are advised to use this calendar to make purchase arrangements with local producers harvesting the products of interest.






































TABLE: 2A																																																			
KEYS : BEETROOT  ENGLISH CUCUMBER  SWEET POTATO  WATERMELON  SWEETMELON  LETTUCE ICEBERG  Sweetcorn 																																																			
PERIOD: 01 Apr 2023 TO 31 Jul 2023																																																			
		MARKET			1-15 Apr -23						16-31 Apr -23						May-23						Jun-23						Jul-23						Aug-23																
NAME OF PRODUCER		I n f o r m a l	F o r m a l	E x p o r t	Beetroot	English Cucumber	Sweet Potato	Watermelon	Sweet melon	Sweetcorn	Lettuce Iceberg	Beetroot	English Cucumber	Sweet Potato	Watermelon	Sweet melon	Sweetcorn	Lettuce Iceberg	Beetroot	English Cucumber	Sweet Potato	Watermelon	Sweet melon	Sweetcorn	Lettuce Iceberg	Beetroot	English Cucumber	Sweet Potato	Watermelon	Sweet melon	Sweetcorn	Lettuce Iceberg	Beetroot	English Cucumber	Sweet Potato	Watermelon	Sweet melon	Sweetcorn	Lettuce Iceberg												
ZAMBEZI																																																			
1	Bernard Silwabubi		√	√																																															
2	Hiden Kabula		√	√																																															
3	Jonnathan Kamwi		√	√																																															
4	Ngalaule Peleko		√	√																																															
KAVANGO AREA																																																			
NAME OF A PRODUCER		Local Informal	Local Formal	Export	1-15 Apr 2023						16-30 Apr 2023						Apr-23						May-23						Jun-23						Jul-23																
1	Andreas Kashekele		√	√																																															
2	Henock Katanga		√	√																																															
3	Mukuve Hausiku		√	√																																															
4	Ngalaule Peleko		√	√																																															
5	Ngobe Regina		√	√																																															
6	Pius Kapikara		√	√																																															

Table 2A continues.




















































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NAME OF A PRODUCER		Local Informal	Local Formal	Export	1-15 Mar 2023							16-31 Mar 2023							Apr-23							Jun-23							Jun-23							Jul-23																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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Table 2A....

CENTRAL AREA																																				
NAME OF A PRODUCER	Local Informal	Local Formal	Export	1-15 Mar 23					16-31 Mar 2023					Apr-23					May-22					Jun-22					Jul-23							
1 Albertus Viljeon	√	√																																		
2 Anton/Liza Koekemor	√	√																																		
3 Deborah Walliser	√	√																																		
4 Dina Strauss	√	√																																		
5 Francois Swanepoel	√	√																																		
6 Groenewaldt Hueston	√	√																																		
7 Henk Pieters	√	√																																		
8 J.M Helsdgen	√	√																																		
9 Jaco Thomas	√	√																																		
11 Jaco van Westhuizen	√	√																																		
12 Jan Conradie	√	√																																		
13 Johanness Meyer	√	√																																		
14 Kazenarui Kandetu	√	√																																		
15 Lothar Kollimitz	√	√																																		
17 Stiaan Cleote	√	√																																		
SOUTH AND ORANGE RIVER AREAS																																				
NAME OF PRODUCER	Local Informal	Local Formal	Export	1-15 Mar-23					16-31 Mar -22					Apr-23					May-23					Jun-23					Jul-23							
1 Elamerie van Rensburg	√	√																																		
2 Hentie van Dyk	√	√																																		
5 Herman Van Dyk	√	√																																		
6 Jimmy O Kennedy	√	√																																		
8 Zirk van Jansen			√																																	
Kindly note: Producers not listed herein, it is either they will not be harvesting any of the produce covered by report three or they did not provide the required data to NAB.																																				

Source: NAB 2023

Table 2B. Shows the availability of monitored crop: Mushroom, Cauliflower and Broccoli

TABLE: 2B																																						
KEYS : CAULIFLOWER 										BROCCOLI 										MUSHROOM 																		
PERIOD: 01 Apr 2023 TO 30 Aug 2023																																						
			MARKET			Apr-23						May-23						Jun-23						Jul-23						Aug-23								
NAME OF PRODUCER			I	n	f	F	e	r	m	a	Cauliflower	Broccoli	Mushroom					Cauliflower	Broccoli	Mushroom					Cauliflower	Broccoli	Mushroom					Cauliflower	Broccoli	Mushroom				
CENTRAL AREA																																						
1	Jaco Thomas	√	√																																			
2	Johanness Meyer	√	√																																			
3	Jan Conradie	√	√																																			
4	Lothar Kollmitz	√	√																																			
SOUTH AND ORANGE RIVER AREAS																																						
1	Elmarie van Rensburg	√	√																																			
2	Francois Van Resnburg	√	√																																			
3	Herman van Dyk	√	√																																			
4	Hoekes van Nikerk	√	√																																			
5	Jimmy O Kennedy	√	√																																			
Kindly note: Producers not listed herein, it is either they will not be harvesting any of the three products or they did not provide the required data to NAB.																																						

Source: NAB 2023

4. EXPECTED PRODUCTION AND DEMAND ANALYSIS

Table 3A below reveals the production volume expected by local producers versus the volume demanded in the domestic market. This table seeks to inform the NAB which special controlled products are sufficient and where are the deficits. Producers are advised to take note of shortages/deficits and invest accordingly.

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 March 2023								
Crops	Expected Surplus or Shortage	1-15 Apr 23	16-30 Apr 23	May-23	Jun-23	Jul-23	Aug-23	Total
Beetroot	Expected Tonnage for domestic market	40	50	45	85	85	70	325
	Average Domestic Demand (2022)	52	52	105	105	105	105	472
	Surplus / shortage (Tonnage)	-12	-2	-60	-20	-20	-35	-147
English Cucumber	Expected Tonnage for domestic market	65	55	90	100	55	45	355
	Average Domestic Demand (2022)	40	40	79	79	79	79	356
	Surplus / shortage (Tonnage)	25	15	11	21	-24	-34	-1
Sweet Potato	Expected Tonnage for domestic market	103	68	220	80	34	0	436
	Average Domestic Demand (2022)	58	58	115	115	115	115	518
	Surplus / shortage (Tonnage)	45	10	105	-35	-81	-115	-81
Watermelon	Expected Tonnage for domestic market	9	10	125	9	1	0	145
	Average Domestic Demand (2022)	70	70	160	160	160	160	710
	Surplus / shortage (Tonnage)	-61	-60	-35	-151	-159	-160	-565
Sweet melon	Expected Tonnage for domestic market	8	2	45	9	0	0	62
	Average Domestic Demand (2022)	38	38	75	75	75	75	338
	Surplus / shortage (Tonnage)	-30	-35	-30	-66	-75	-75	-276
Lettuce Iceberg	Expected Tonnage for domestic market	14	18	51	58	55	55	231
	Average Domestic Demand (2022)	38	38	75	75	75	75	338
	Surplus / shortage (Tonnage)	-24	-20	-25	-17	-21	-21	-106
Sweetcorn	Expected Tonnage for domestic market	21	22	36	18	9	2	85
	Average Domestic Demand (2022)	11	11	21	21	21	21	106
	Surplus / shortage (Tonnage)	10	12	15	-3	-12	-19	-10

Source: NAB 2023

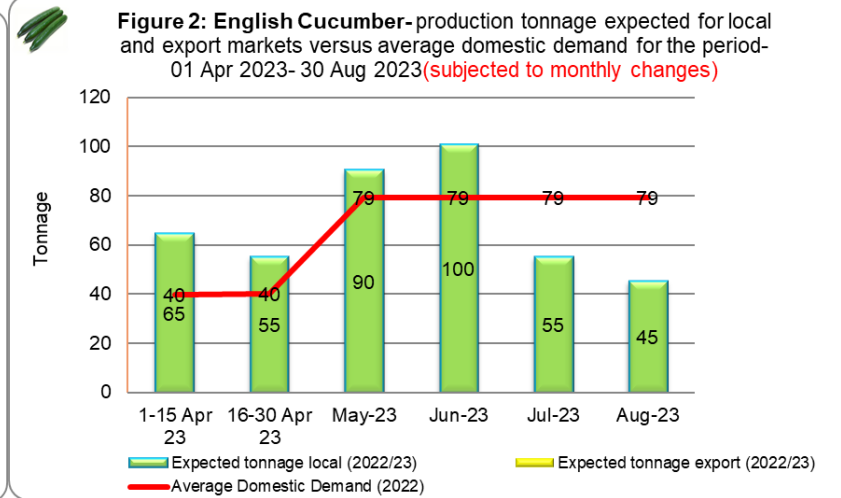
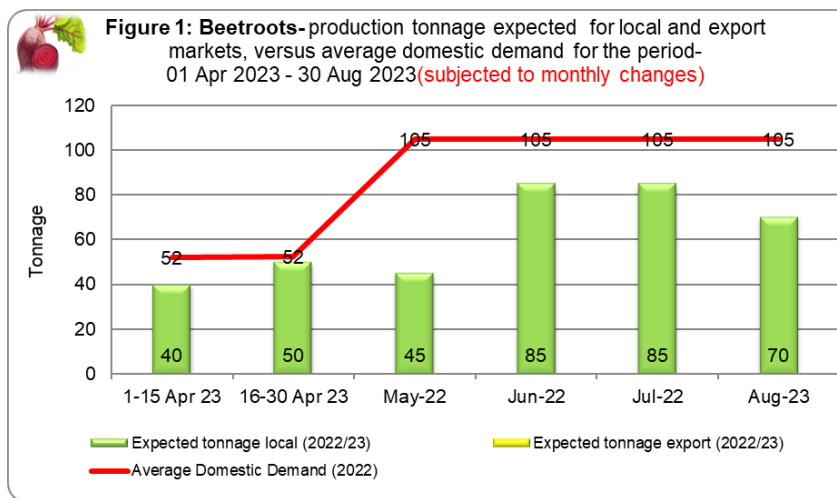
Table 3B indicates the total tonnage available for the monitored crop: Mushroom, Cauliflower and Broccoli

Table 3B: Analysis of the total expected tonnage for domestic market versus domestic demand.							
Crops	Expected Surplus or Shortage	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Total
Cauliflower	Expected Tonnage for domestic market	0.8	11	31	17	15	74
	4	18	18	18	18	18	89
	Surplus / shortage (Tonnage)	-17	-7	13	-1	-3	-15
Broccoli	Expected Tonnage for domestic market	0	0	24	31	15	70
	Average Domestic Demand (2021)	15	15	15	15	15	73
	Surplus / shortage (Tonnage)	-15	-15	9	17	0	-3
Mushroom	Expected Tonnage for domestic market	7	7	7	7	7	35
	Average Domestic Demand (2021)	15	15	15	15	15	75
	Surplus / shortage (Tonnage)	-8	-8	-8	-8	-8	-41

Source NAB 2023

5. GRAPHICAL ANALYSIS

As indicated in Table 3 B, Figure 1,2,3,4,5,6 and 7 below shows the analysis that was done on the 7 special controlled products and 3 monitored crop i.e. mushroom, cauliflower and broccoli as illustrated in figure 8,9 and 10.



Graphical analysis continues

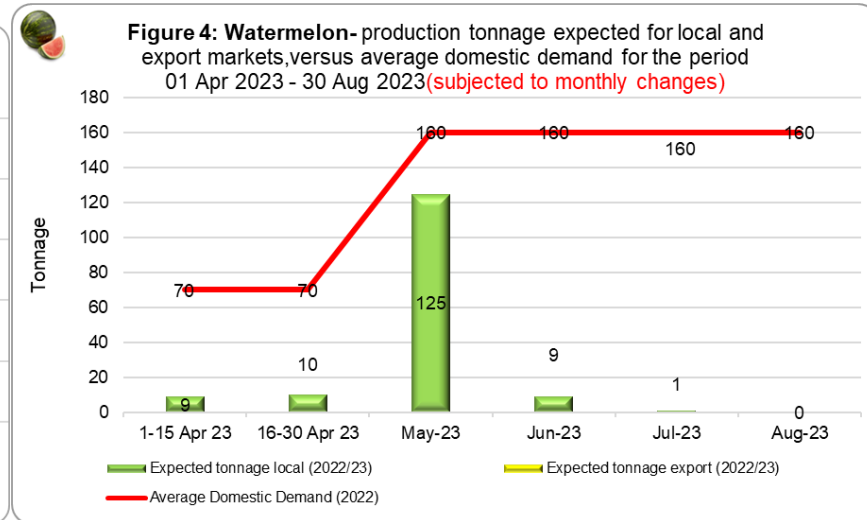
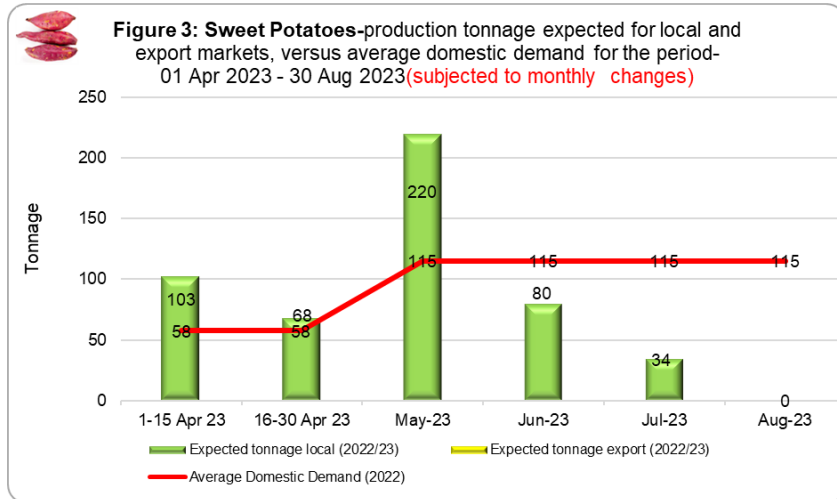




Figure 5: Sweetmelon production tonnage expected for local and export markets, versus domestic demand for the period 01 Apr 2023 - 30 Aug 2023 (subjected to monthly changes)

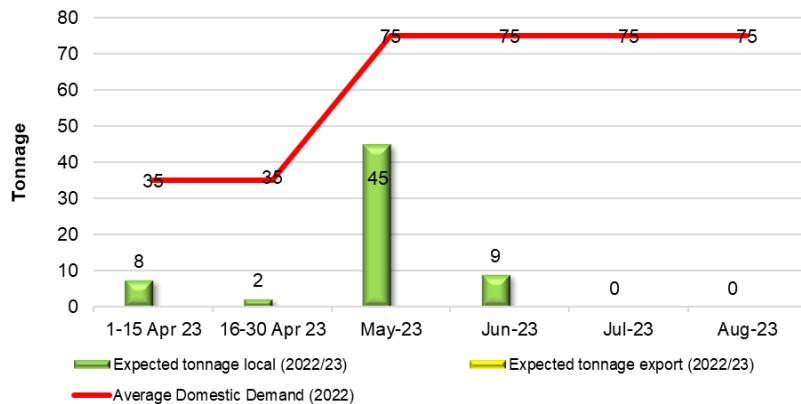


Figure 6: Lettuce Iceberg production tonnage expected for local and export markets, versus average domestic demand for the period- 01 Apr 2023 - 30 Aug 2023 (subjected to monthly changes)

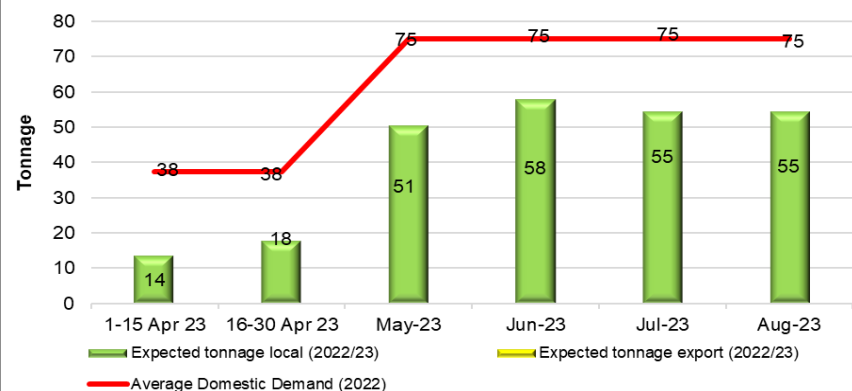
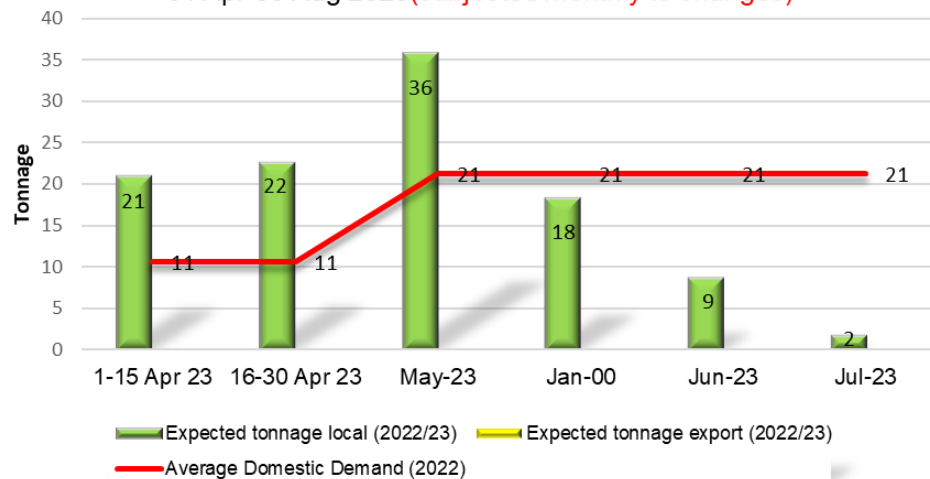
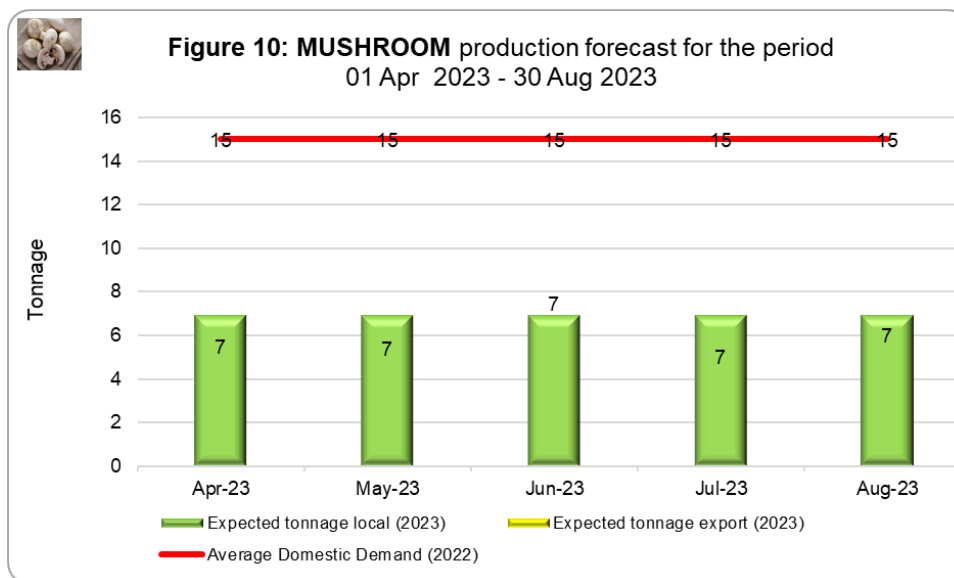
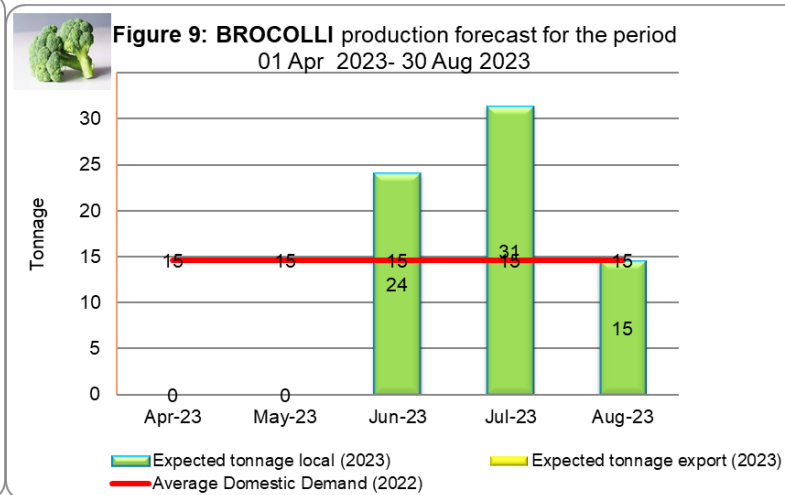
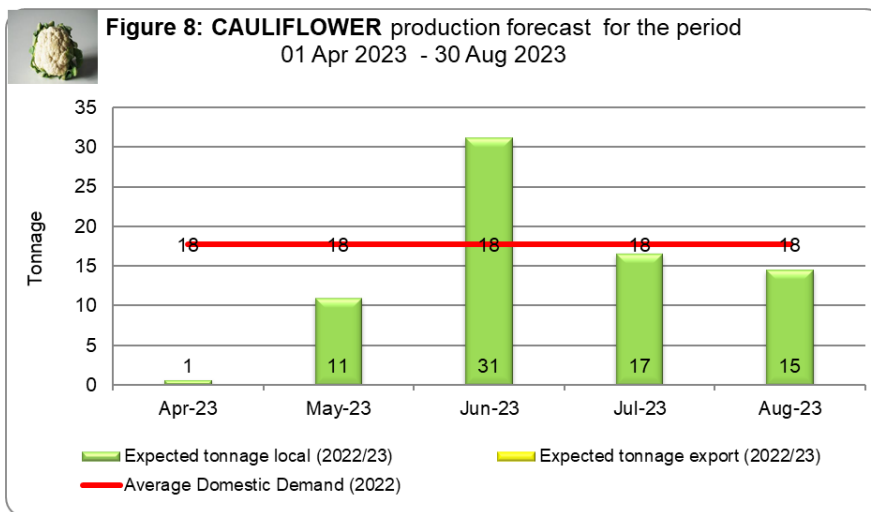


Figure 7: Sweetcorn production tonnage expected for local and export markets, versus domestic demand for the period 01 Apr-30 Aug 2023 (subjected monthly to changes)



Source: NAB 2023

Monitored crop Graphic analysis: Mushroom, Cauliflower, and broccoli



Source: NAB 2023

6. CONCLUSION AND RECOMMENDATION

This report concludes that there will be a sufficient local supply of **English Cucumber, Sweetcorn, and Sweet potatoes** (refer to **shortage and surplus table 3**). Hence, borders will be closed for the aforementioned special controlled products for the special import permit period of 1-30 April 2023. Whereas, Beetroots, Watermelon, and Sweet Melon, Lettuce local supply will be insufficient hence borders will be opened as follows; Beetroots and lettuce icebergs will be opened on a pro-rata basis with 40% importation, while, Watermelon and sweet melon open without restrictions, however, the 47% MSP applies at all times.

Please note that the implementation of close and open borders period is subject to changes depending on availability or unavailability of local products. Therefore, local producers are encouraged to immediately notify NAB in case of deviations from the cropping program or in the event of crop failure due to factors beyond their control to enhance the proactiveness and effectiveness of the MSP and SCP scheme.