

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

FORECASTED PERIOD:

01 MARCH TO 31 JULY 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 analysed 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 in the table and graphically to inform the close and open borders period. It is imperative to note that, the production is expected, and the SCP 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 future. Hence, the close and open borders period is not applicable in case of monitored crops and they are imported using the mixed fruit and vegetables import permit valid for 90 days. Thus, the objectives of vegetables production forecast reports are:

- Assist traders and producers to understand special controlled products in surplus or shortage and 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 Special 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

NAMIBIAN AGRONOMIC BOARD

HORTICULTURE: VEGETABLE PRODUCTION FORECAST

REPORT NO. 1

FORECASTED PERIOD: 01 MARCH TO 31 JULY 2023

Agronomy and Horticulture Market Development Division Horticulture Market Development Subdivision Enquiries: Paulina Mubiana Cell: +264813003320 Email: <u>Paulina.Mubiana@nab.com.na</u>

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		Hubbard Squash. All frozen, dried, cooked and preserved Gem Squash (Whole or Cut).
4. Onions	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 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 ^oC 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 to be harvested, and hectares planted per crop per production area during the forecasted period of 01 March to 31 July 2023.

	Table 2	2: FIVE MO	NTHS EXPE	CTED PRC	DUCTIO	N PER CF	ROP, PER	AREA F	OR THE F	PERIOD:	01 March	to 31 Ju	ly 2023	·
Numbers in the ta	able below repre	esents toni	nage										Last updated:	20 February 2023
PRODUCTION	Special controlled and		Mar-23		Ар	r-23	May	/-23	Jur	n-23	Jul	-23	Total (for th	e 5 months period)
AREAS	monitored crops	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
	Butternuts	0.34	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.03
	Cabbage	6.80	10.37	0.00	5.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.78	0.67
ZAMBEZI REGION	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	1.16	1.16	0.00	2.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.61	0.16
	Butternuts	2.68	0.09	0.00	17.68	0.00	25.50	0.00	0.00	0.00	0.00	0.00	45.94	2.17
	Cabbage	3.40	18.70	0.00	38.25	0.00	38.25	0.00	0.00	0.00	0.00	0.00	98.60	3.18
KAVANGO	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
REGIONS	Onions	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.85	0.03
	Potatoes	0.00	0.00	0.00	1.70	0.00	0.00	0.00	0.00	0.00	208.25	0.00	209.95	7.20
	Pumpkins	0.00	0.00	0.00	6.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.38	0.25
	Butternuts	42.50	58.65	0.00	63.92	0.00	47.77	0.00	1.70	0.00	1.70	0.00	216.24	13.53
	Cabbage	48.45	61.20	0.00	55.25	0.00	32.30	0.00	8.50	0.00	0.00	0.00	205.70	4.50
NORTH CENTRAL	Gem squash	0.00	4.25	0.00	8.50	0.00	1.70	0.00	0.00	0.00	0.00	0.00	14.45	0.85
	Onions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.75	0.00	12.75	0.00	25.50	1.00
	Pumpkins	0.00	8.93	0.00	5.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.03	0.55
	Butternuts	78.54	88.40	0.00	156.83	0.00	106.25	0.00	63.75	0.00	0.00	0.00	493.77	25.47
	Cabbage	166.18	101.58	0.00	334.05	0.00	452.20	0.00	314.50	0.00	170.00	0.00	1538.50	24.05
KARSTLAND	Gem squash	0.00	0.00	0.00	4.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.25	0.25
	Onions	0.00	42.50	0.00	127.50	0.00	1768.00	170.00	1827.50	790.50	1026.38	522.75	6275.13	136.25
	Potatoes	0.00	0.00	0.00	476.00	0.00	127.50	0.00	845.75	0.00	425.00	0.00	1874.25	45.50
	Pumpkins	12.75	12.75	0.00	0.00	0.00	8.50	0.00	12.75	0.00	0.00	0.00	46.75	1.10
	Butternuts	25.50	25.50	0.00	69.70	0.00	31.45	0.00	19.55	0.00	0.00	0.00	171.70	7.25
	Cabbage	0.00	29.75	0.00	108.38	0.00	101.58	0.00	25.50	0.00	0.00	0.00	265.20	4.80
CENTRAL	Gem squash	0.00	0.00	0.00	7.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.65	0.30
	Onions	0.00	0.00	0.00	6.38	0.00	19.13	0.00	770.10	442.00	539.75	340.00	2117.35	49.40
	Potatoes	0.00	0.00	0.00	603.50	0.00	841.50	0.00	8.50	0.00	0.00	0.00	1453.50	32.70
	Pumpkins	52.70	40.80	0.00	42.50	0.00	46.75	0.00	27.20	0.00	0.00	0.00	209.95	6.85
	Butternuts	34.00	32.30	0.00	117.30	0.00	29.33	0.00	0.00	0.00	0.00	0.00	212.93	7.95
SOUTH AND	Cabbage	57.80	55.25	0.00	129.20	0.00	97.75	0.00	63.75	0.00	63.75	0.00	467.50	9.60
ORANGE RIVER	Gem squash	1.28	1.28	0.00	2.55	0.00	25.50	0.00	0.00	0.00	0.00	0.00	30.60	1.75
UNAINGE RIVER	Onions	0.00	0.00	0.00	0.00	0.00	10.20	0.00	10.20	0.00	68.00	0.00	88.40	2.50
	Pumpkins	17.00	19.55	0.00	151.30	0.00	161.50	0.00	78.20	0.00	0.00	0.00	427.55	11.45
	Butternuts	184	205	0	425	0	240	0	85	0	2	0	1141	56
	Cabbage	283	277	0	671	0	722	0	412	0	234	0	2598	47
Total expected	Gem Squash	1	6	0	23	0	27	0	0	0	0	0	57	3
tonnado nor cron	Onions	1	43	0	134	0	1787	170	2610	1233	1579	863	8419	187
per month	Potatoes	0	0	0	1081	0	969	0	854	0	633	0	3538	85
	Pumpkins	84	83	0	208	0	217	0	118	0	0	0	709	20
	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 MON	NTHS	EXPE	CTED) AVAI	ABIL	ITY (CALE	END	AR F	OR	THE	SPE		L C	ONT	ROL	LEI	D CF	ROPS	<mark>δ</mark> (Βι	utterr	nuts	, Cat	obag	e, Ge	em s	quas	h, C	nion	is, P	otat	oes	and I	Pum	pkins	s)	
		K	EY :	BUTT	ERNUT	. =		CAE	BBAG	ЭE =	Ø		GE	EM S	SQU/	\SH :	- 🍯		0	NION	= (1	P	OTAT	O =	3	Ρl	JMPł	KIN =	-								
PE	RIOD: 01 March to 31 July	2023																								Last	upc	lated	: 20) Feb	ruar	y 202	23					
		Targ	jet Mar	ket	0	1-15	-	2023					ar 20	23				Apr-	-23	-		-		ay-2	3	-		1		n-23					Jul-	23		
	Contact Person	Local informa	Local Formal	Export	Butternuts	Gem Squash	Onions	Potatoes	Pumpkins	Butternuts	Cabbage	Gem Squash	Onions	Potatoes	Pumpkins	Butternuts	Cabbage	Gem Squash	Onions	Potatoes		Cabhada	Com Council	Onions	Potatoes	Pumpkins	Butternuts	Cabbage	Gem Squash	Onions	Potatoes	Pumpkins	Butternuts	Cabbage	Gem Squash	Onions	Potatoes	Pumpkins
ZA	MBEZI																					-		_	_	-	<u>.</u>		1									
1	Cavin Sikalumbu Mufwanzala	\checkmark	\checkmark																																			
2	Charity Mulemwa Goaises	\checkmark	\checkmark		1)					Q																											
3	Kenneth Simasiku Sitali	\checkmark	\checkmark								0																											
4	Rosco Misika Lukubwe	\checkmark	\checkmark																																			
KA	VANGO		1		_																						_											
1	Cliff Mbala	\checkmark																																				
2	Henrick Locke	\checkmark	\checkmark)																																
3	Laurentia Nkandanga	\checkmark	\checkmark																																			
4	Maxwell Nghidinwa	\checkmark	\checkmark								Q						\bigcirc																				9	
5	Nangolo Henock Katanga	\checkmark	\checkmark												-)						Ş)															
6	Pius Kapikara	\checkmark	\checkmark																																			
7	Thadeus Mushambe	\checkmark																	(9																		
8	Wilhelm Ndungula	\checkmark													1						4																	
NO	RTH CENTRAL																																					
1	Andreas Ashimbanga	\checkmark	\checkmark																																			
2	Andreas Shilomboleni	\checkmark	\checkmark																																			
3	Annanias Theophilus	\checkmark	\checkmark							ŝ.											á.						1						2					
4	Asser & Taapopi Moses	\checkmark									0						0)				V									0						0		
5	Aurelia Shikesho	\checkmark)	0					0																											
6	Elifas Nuuyoma	\checkmark												ATT A	dig:						4																	
7	Elise Auino	\checkmark																																				
8	Elkan Mungundu	\checkmark								-																												
9	Emile Marais	\checkmark								-							(9																				
10	Immanuel Hambia	\checkmark																																				
11	Johannes Naindjala	\checkmark			<i></i>						0							9			4																	
	Junias Mwafekelange	\checkmark		1							-					1	\bigcirc					0							1									
L			ı	I																-			-								<u> </u>				_	_		_

Table 3A continues.....

13	Lonia Ismael					Ø				0																						
	Lukas Moongela	1	√							89			_						_	~								_				
	Olavi Hamutumwa	1																	-	0												
	Panduleni Mule	1	√			0														~												
	Paulus Titus	V				39								-																		
	Petrus Matheus	1								0																						
	Pupyenaye Tjavanga				2				-																							
	Sacky Shilyomunhu																															
	Shetuuka Shetuuka												â		0			(in		\bigcirc												
	Shikesho Benjamin																	-copian	_													
23	Sylvanus Naunyango	\checkmark	\checkmark			Ø			-	0																						
24	Thomas Tangeni Negonga		\checkmark																													
25	Wilhelmina Heita		\checkmark																													
KAF	RSTLAND														I																	
	Contact Person	Local informal	local Formal	Export		01-1	5 Mar	r 202 3		16-3 ⁻	1 Mai	r 202:	3			Apr-2	3			Μ	ay-2	3			Jun-	23			J	ul-2	3	
1	Andre Neethling	\checkmark	\checkmark																2								((in)				
2	Bethuel Hamukwaya	\checkmark	\checkmark		J.																											
3	CD Shifotoka	\checkmark	\checkmark																													
4	CJJ van der Merwe (Neels)	\checkmark	\checkmark							0					0											0				(
5	C.J. Von Molendorff		\checkmark	\checkmark																		9				0	3			0		
6	Cobus Coetzee	\checkmark	\checkmark	\checkmark																	0					0				1		
7	Dirk van der Berg	\checkmark	\checkmark	\checkmark																	0											
8	Elizabeth Nekundi	\checkmark	\checkmark																													
9	Eric & Elizabeth van Druten	\checkmark	\checkmark																													
10	Fortune Musimwa	\checkmark	\checkmark												0																	
11	Fradncois Robbertse	\checkmark	\checkmark							0	1)			0	(
12	Franklin Mate	\checkmark	\checkmark																		0											
13	Geoffrey Shekupe	\checkmark	\checkmark		3				1																							
14	Gerhard Sachse	\checkmark	\checkmark		1				1																							
15	Gero Hirsch	\checkmark	\checkmark																								3					
16	Hendrik Grobbelaar	\checkmark	\checkmark																							0						
	Jan Cronje	\checkmark	\checkmark																					0		0				1		
18	Jan Keyser	\checkmark	\checkmark	\checkmark																	0					0	9				9	
	Johann A. Cloete	\checkmark	\checkmark												0																	
20	LM Potgieter	\checkmark	\checkmark																							0	3					
21	Louis Du Plessis	\checkmark	\checkmark	\checkmark																	0					0				(
22	Luther J. Rukira		\checkmark																													
							_																									
				\checkmark		1				0							0				0					0						

Table 3A continues.....

25	Magano Kapia										0	1				0																
	Mark von Maltzahl					Ø					Ø				_	Ø				Ő				•	3	-			\bigcirc			
	Mavuto Mwanza				-											-				Ő				0		-						
	Munyaridza Murwira	, √				Ø				-	0						0			Ő				0					\bigcirc			
	Ndinelago Tshiguuo															Ø				~	_				~	-			~			
	Paulus Halwoodi Andreas	v √	V		-					-						-	2					-			_	+					-	
	Peter Goettert	v √	V							-						~										+	6	-			-	
	Peter Kawana	v V				0				-	0					0	0	$\left \right $		\bigcirc				•)	+		-	\bigcirc		-	
	Phelep Pendukeni	v √				Ø														~					~				~			
	P.J. Harmse	v √			-											-										+						
	PT Erasmus	v √	V		_					-	0								 			-			_	+					-	
	Ricky Kukuri	v √	v √								29						2									-						
	Sabine Blume	v √	v √												-					\bigcirc							â					
	Sion Petrus Shikufinde	√ √	√ √														-			V	_		4	-	_	-	THAT	-				
	Tawanda Mhosva	v √	v √			\bigcirc					0					~	2				_		_		_	-					_	
	Thomas Mufenda	v √	v √			9					29										_		_		_	-					2	
		 √	√ √												_	0			 _						_	_					•	
	Tiaan de Lange										6 3	1					<i>y</i>									_					_	_
	Veiccoh K. Nghiwete								_		Ø						_		 						_	+					_	
1 40																																
	Yasser Alphather Shangadi		\checkmark																2				4	~				L				
	NTRAL	Local	local	Export		01-	15 M	ar 202	23		16-	31 M	lar 2()23			Ap	r-23	2		lav-23	 	4	2	Jı	un-2:	3	<u> </u>		Jul-	.23	
CE	NTRAL Contact Person	Local informal	local Formal	Export		01-	15 M	lar 202	23		16-	31 M	lar 2(023			Арі	r-23			lay-23	3		-	Ju	ın-2:	3			Jul-	-23	
CE 1	NTRAL Contact Person Adam Ndaura	Local informal 	local Formal	Export				lar 202	23		16-	31 M	lar 2(023			Apı	r-23		N	lay-23	3			Ju	in-2:	3			Jul-	-23	
CE 1 2	NTRAL Contact Person Adam Ndaura Albertus Viljeon	Local informal	$rac{local}{Formal}$	Export		01-		lar 202	23		16- 	31 M	lar 20)23			Apı	r-23			lay-23	3			Ju	ın-2:	3			Jul-	-23	
CE 1 2 3	NTRAL Contact Person Adam Ndaura Albertus Viljeon Bernice van Wyk	Local informal 	$\frac{ \text{ocal}}{\text{Formal}}$ $\frac{}{}$	Export				lar 202			16- -	31 M	lar 20				Apı	r-23		N	lay-23	3			Ju	ın-2:	3			Jul-	·23	
1 2 3 4	NTRAL Contact Person Adam Ndaura Albertus Viljeon Bernice van Wyk Bertus Pretorius	$\frac{\text{Local}}{\text{informal}}$ $\frac{}{}$ $\frac{}{}$	$\frac{\log a}{Formal}$ $\frac{}{}$ $\frac{}{}$	Export				lar 202	23		16-	31 M	lar 20				Apr	r-23			lay-23	B				un-2:	3			Jul-	·23	
CE 1 2 3 4 5	NTRAL Contact Person Adam Ndaura Albertus Viljeon Bernice van Wyk Bertus Pretorius Cleophas Katuuo	$\frac{\text{Local}}{\text{informal}}$ $\frac{}{}$ $\frac{}{}$ $\frac{}{}$	$\frac{ \text{ocal} }{\text{Formal}}$ $\frac{}{}$ $\frac{}{}$ $\frac{}{}$	Export				lar 202			16- 0 0 0	31 M	lar 20		0120		Apı	r-23			lay-23	3				un-2:	3			Jul	-23	
CE 1 2 3 4 5 6	NTRAL Contact Person Adam Ndaura Albertus Viljeon Bernice van Wyk Bertus Pretorius Cleophas Katuuo Ernst H. Puturi	$ \begin{array}{c} Local \\ informal \\ \\ $	$ \begin{array}{c} $	Export				ar 202			16-	31 M	lar 20		0120		Apr	r-23		N	lay-23	5 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7				in-2:	3			Jul-	-23	
CE 1 2 3 4 5 6 7	NTRAL Contact Person Adam Ndaura Albertus Viljeon Bernice van Wyk Bertus Pretorius Cleophas Katuuo Ernst H. Puturi Etienne Jooste		$ \begin{array}{c} local \\ Formal \\ \sqrt$	Export				lar 202					lar 20		0120			r-23			lay-23	3 				in-2:	3			Jul	-23	
CE 1 2 3 4 5 6 7 8	NTRAL Contact Person Adam Ndaura Albertus Viljeon Bernice van Wyk Bertus Pretorius Cleophas Katuuo Ernst H. Puturi Etienne Jooste Hagen Horsthmark	Local informal $ $	$ \begin{array}{c} Iocal \\ Formal \\ \\$	Export				lar 202					lar 20			S		r-23			lay-23	3				In-23	3			Jul-	-23	
CE 1 2 3 4 5 6 7 8 9	NTRAL Contact Person Adam Ndaura Albertus Viljeon Bernice van Wyk Bertus Pretorius Cleophas Katuuo Ernst H. Puturi Etienne Jooste Hagen Horsthmark Henk Peters	Local informal $ $		Export 				ar 202					lar 20					r-23			lay-23	3 				in-2:	3			Jul-	-23	
CE 1 2 3 4 5 6 7 8 9 10	NTRAL Contact Person Adam Ndaura Albertus Viljeon Bernice van Wyk Bertus Pretorius Cleophas Katuuo Ernst H. Puturi Etienne Jooste Hagen Horsthmark Henk Peters Hueston Groenewaldt	Local informal $ $	$ \begin{array}{c} Iocal \\ Formal \\ \hline \\ $	Export				ar 202					lar 20			S		r-23			lay-23						3			Jul-	-23	
CE 1 2 3 4 5 6 7 8 9 10 11	NTRAL Contact Person Adam Ndaura Albertus Viljeon Bernice van Wyk Bertus Pretorius Cleophas Katuuo Ernst H. Puturi Etienne Jooste Hagen Horsthmark Henk Peters Hueston Groenewaldt Lothar Kollmitz	Local informal $ $	$ \begin{array}{c} Iocal \\ Formal \\ \\$	Export				ar 202								S		r-23									3			Jul-		
CE 1 2 3 4 5 6 7 8 9 10 11 12	NTRAL Contact Person Adam Ndaura Albertus Viljeon Bernice van Wyk Bertus Pretorius Cleophas Katuuo Ernst H. Puturi Etienne Jooste Hagen Horsthmark Henk Peters Hueston Groenewaldt Lothar Kollmitz Ludie Kolver	Local informal $ $	$ \begin{array}{r} \text{local} \\ \text{Formal} \\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	Export				ar 202					lar 20					r-23									3			Jul-		
CE 1 2 3 4 5 6 7 7 8 9 10 11 11 12 13	NTRAL Contact Person Adam Ndaura Albertus Viljeon Bernice van Wyk Bertus Pretorius Cleophas Katuuo Ernst H. Puturi Etienne Jooste Hagen Horsthmark Henk Peters Hueston Groenewaldt Lothar Kollmitz Ludie Kolver Marilyn Kazetjikuria	Local informal \sqrt	$ \begin{array}{r} Iocal \\ Formal \\ \\$	Export				ar 202					ar 20			S		r-23									3					
CE 1 2 3 4 5 6 7 8 9 10 11 12 13 14	NTRAL Contact Person Adam Ndaura Albertus Viljeon Bernice van Wyk Bertus Pretorius Cleophas Katuuo Ernst H. Puturi Etienne Jooste Hagen Horsthmark Henk Peters Hueston Groenewaldt Lothar Kollmitz Ludie Kolver Marilyn Kazetjikuria Marvin Uaandara	Local informal $ $	$ \begin{array}{r} \text{local} \\ \text{Formal} \\ \hline \\ \hline \\ \\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $					ar 202					lar 20					r-23									3 3 1 1 1 1 1 1 1 1 1 1 1 1 1					
CE 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	NTRAL Contact Person Adam Ndaura Albertus Viljeon Bernice van Wyk Bertus Pretorius Cleophas Katuuo Ernst H. Puturi Etienne Jooste Hagen Horsthmark Henk Peters Hueston Groenewaldt Lothar Kollmitz Ludie Kolver Marilyn Kazetjikuria Marvin Uaandara Paul Muranda	Local informal \sqrt	$ \begin{array}{r} \text{local} \\ \text{Formal} \\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	Export				ar 202					ar 20					r-23									3					
CE 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	NTRAL Contact Person Adam Ndaura Albertus Viljeon Bernice van Wyk Bertus Pretorius Cleophas Katuuo Ernst H. Puturi Etienne Jooste Hagen Horsthmark Henk Peters Hueston Groenewaldt Lothar Kollmitz Ludie Kolver Marilyn Kazetjikuria Marvin Uaandara	Local informal $ $	$ \begin{array}{r} \text{local} \\ \text{Formal} \\ \hline \\ \hline \\ \\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	Export				ar 202					ar 20					r-23									3 3 1 1 1 1 1 1 1 1 1 1 1 1 1					

Ν	AME OF PRODUCER	Local informal	local Formal	Export		01-1	5 M	ar 20	23		10	6-31 I	Mar	2023	3			Apr	-23				Мау	-23				Ju	ın-23	3			Jul	-23	
1	Burger J. Harmse		\checkmark												â																				
2	Elize Eliphas		\checkmark							1							0			(d)															
3	Elmarie Janse van Rensburg		\checkmark														0				2	0			(
4	G.F. Janse van Rensburg		\checkmark			0					C))																							
5	Hentie van Dyk		\checkmark						0																										
6	Herman van Dyk		\checkmark																			0					P	9				0			
7	Hoekes van Niekerk		\checkmark														0					0													
8	Jimmy E. O'kennedy	\checkmark	\checkmark																	a															
9	Kirk Bassingthwaighte		\checkmark																																
10	SSW and Fanie Louw		\checkmark														0					0					P	9				0			
11	Vivian Mutwa	\checkmark	\checkmark			0																													
2	Zirk Jansen									-	0	6					0																		
	e: Producers not listed herein,	v	,	ause t	hey v	will no	ot ha	rvest a	iny of	i the	el six (6) sp	ecial	l cont	trolled	d pro	ducts	or th	ney did	not p	rovid	e the	ir pro	ductic	n dat	a for	this	repo	rting	perio	od.				

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 31 March 2023, whilst cabbage, gem squashes, onions and potatoes are expected to be in shortage in March 2023.

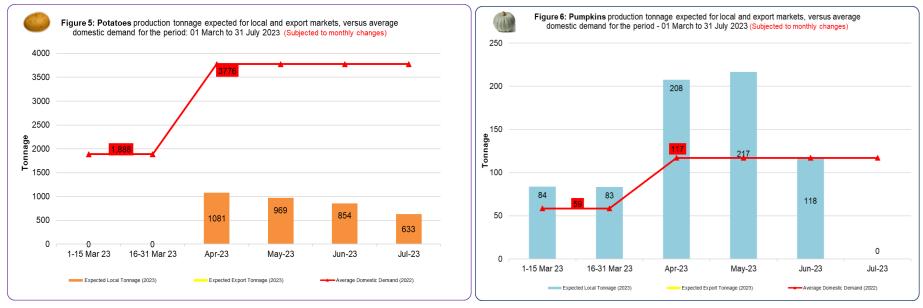
Table 4: ANA	LYSIS OF THE EXPECTED TONN	IAGE FOR DO	MESTIC MA		SUS AVER	AGE DOME	STIC DEMA	ND
Numbers in th	is table represents tonnage				Las	st updated: 2	0 February	2023
Special Controlled Crops	Expected Surplus or Shortage	01-15 Mar 2023	16-31 Mar 2023	Apr-23	May-23	Jun-23	Jul-23	Total
	Expected for domestic market	184	205	425	240	85	2	1141
Butternuts	Average domestic demand	154	154	308	308	308	308	1540
	Surplus / shortage	30	51	117	-68	-223	-306	-399
	Expected for domestic market	283	277	671	722	412	234	2598
Cabbage	Average domestic demand	292	292	583	583	583	583	2915
	Surplus / shortage	-9	-15	88	139	-171	-349	-317
	Expected for domestic market	1	6	23	27	0	0	57
Gem Squash	Average domestic demand	22	22	44	44	44	44	219
	Surplus / shortage	-21	-16	-21	-17	-44	-44	-162
	Expected for domestic market	1	43	134	1787	2610	1579	6154
Onions	Average domestic demand	505	505	1009	1009	1009	1009	5046
	Surplus / shortage	-504	-462	-875	778	1601	570	1108
	Expected for domestic market	0	0	1081	969	854	633	3538
Potatoes	Average domestic demand	1,888	1888	3776	3776	3776	3776	18880
	Surplus / shortage	-1888	-1888	-2695	-2807	-2922	-3143	-15342
	Expected for domestic market	84	83	208	217	118	0	709
Pumpkins	Average domestic demand	59	59	117	117	117	117	586
	Surplus / shortage	25	25	90	100	1	-117	124

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** show that butternuts and pumpkins are expected to be in surplus, whereas **figure 2, 3, 4 and 5** show that cabbage, gem squashes, onions, and potatoes are expected to be insufficient to meet the local demand in March 2023.



Graphical analysis figures continue...



Source: NAB, 2023

5. CONCLUSIONS AND RECOMMENDATIONS

The report concludes that, the country expects a surplus local supply of butternuts and pumpkins in March 2023. It is therefore recommended that border be **closed** to restrict the importation of **Butternuts and Pumpkins** from **01 to 31 March 2023**

The report further concluded that cabbage, gem squashes, onions, and potatoes are expected to be insufficient in March 2023. It is therefore recommended that borders be **open** to allow **50% imports of cabbage** and **100% imports of gem squash, onions and potatoes** from **01 to 31 March 2023,** however, 47% MSP rules shall apply at all times.

Traders are encouraged to ensure compliance to the 47% minimum Market Share Promotion requirement by buying more of locally produced vegetables, irrespective of close or open borders implementation for such products and only import when deemed necessary. Traders are therefore advised to contact registered local vegetable producers who are expected to harvest these products as per **the availability calendar** (table 3) in this report, to make necessary purchase arrangements.

Conclusively, 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.















Colour Pepper Tomato Round

Tomato Jam

Cherry Tomato Green Pepper

Spinach Carrot

NAMIBIAN AGRONOMIC BOARD

HORTICULTURE: VEGETABLES PRODUCTION FORECAST

REPORT NO.2

FORECASTED PERIOD: 01 MARCH 2023 TO 31 JULY 2023

Agronomy and Horticulture Market Development Division Horticulture Market Development Subdivision Enquiries: Mr. Patrick Lubanda Cell: +264 81 289 5454 Email: <u>Patrick.Lubanda@nab.com.na</u>

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**. The production of the special controlled products is monitored by NAB and involves close border period whenever sufficient local production is expected, and this scheme is implemented in line with the market share promotion scheme. The production forecast covers a period of five (5) months and it is updated on a monthly basis, while field verifications are carried out on a quarterly basis. The special controlled products in this report are divided into the following categories: Inclusion and Exclusions: Inclusion involves all the specific sub-product types of special controlled products and can only be imported through the Special Import Permit during open border periods (see table 1). Exclusion. The objective the special controlled product scheme is stimulate local production of horticultural products in Namibia, as a growth at home strategy implemented by the NAB. Therefore, this report discusses the controlled crops production forecasted per area, expected availability per producer, tabulation and graphical analysis on expected production versus local demand and subsequently the hectares planted and average yield expected per hectare during the reporting season.

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 type of tomatoes, i.e. Cherry, Cocktail, Bacio, Romanita, Rigoleto, 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.Cocktail/Cherry Tomato	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 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.

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

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 Jam, Tomato Round 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.

	Tab	le 2: EXF	ECTED P	RODUCT	ION OF S	PECIAL C	ONTROL	ED PRO	DUCTS PE	ER CROP	PER ARE	A			
					Numb	pers in the	e table be	low repre	esents tor	nnage					
		01-15	Mar 23	16-31	Mar 23	Ар	r-23	Маз	y-23	Jur	า-23	Ju	-23	Tot	als
PRODUCTION AREA	CROP	Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Expected tonnage	Hectares planted
	Tomato Round	1.4	0.0	1.4	0.0	2.9	0.0	0.8	0.0	0.3	0.0	0.3	0.0	7.0	0.7
	Tomato Jam	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.5	0.0	0.0	0.0	0.7	0.0
	Carrot	0.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.1
ZAMBEZI	Green Pepper	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
	Coloured Pepper	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Spinach	0.1	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
	Tomato Round	1.9	0.0	1.9	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	0.5
	Tomato Jam	3.8	0.0	5.8	0.0	33.4	0.0	6.4	0.0	3.0	0.0	0.0	0.0	52.3	1.5
	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
KAVANGO	Green Pepper	5.0	0.0	5.7	0.0	4.6	0.0	1.5	0.0	2.0	0.0	0.6	0.0	19.5	1.6
	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
	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
	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	57.3	0.0	59.4	0.0	93.0	0.0	97.7	0.0	11.3	0.0	0.0	0.0	318.8	10.5
	Carrot	0.5	0.0	0.5	0.0	1.0	0.0	6.0	0.0	7.0	0.0	1.0	0.0	16.0	0.8
NORTH CENTRAL	Green Pepper	4.9	0.0	7.3	0.0	11.3	0.0	9.5	0.0	4.7	0.0	2.6	0.0	40.2	2.0
	Coloured Pepper	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Spinach	0.7	0.0	0.7	0.0	1.1	0.0	1.1	0.0	1.1	0.0	0.8	0.0	5.6	0.4
	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

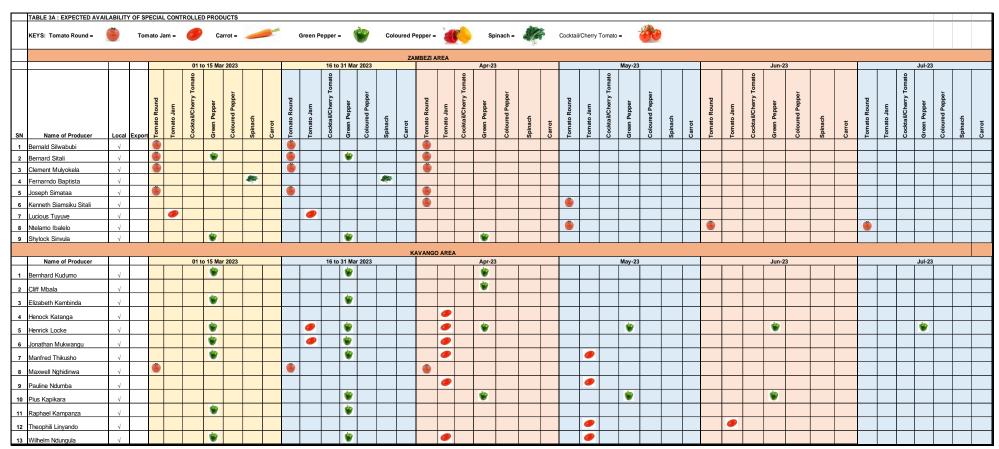
Table 2 continued...

	Tomato Round	2.0	0.0	2.0	0.0	3.3	0.0	11.7	0.0	5.0	0.0	0.0	0.0	24.0	0.8
	Tomato Jam	38.3	0.0	93.4	0.0	174.0	0.0	157.0	0.0	58.7	0.0	0.0	0.0	521.5	15.6
	Carrot	135.0	0.0	175.0	0.0	250.0	0.0	310.0	0.0	260.0	0.0	100.0	0.0	1230.0	28.5
KARST	Green Pepper	34.9	0.0	43.9	0.0	85.4	0.0	68.7	0.0	0.8	0.0	0.0	0.0	233.6	9.9
NAR31	Coloured Pepper	0.0	0.0	43.9	0.0	0.0	0.0	0.2	0.0	0.8	0.0	0.0	0.0	0.5	9.9 0.0
	Spinach	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.0	0.0	2.9	0.0
	Sweetcorn	3.5	0.0	3.5	0.0	6.0	0.0	0.0	0.0	0.4	0.0	0.4	0.0	13.0	0.3
	Tomato Round	109.3	0.0	114.0	0.0	232.3	0.0	230.2	0.0	118.0	0.0	62.4	0.0	866.2	16.9
	Tomato Jam	8.2	0.0	17.4	0.0	56.9	0.0	39.9	0.0	17.3	0.0	5.0	0.0	144.5	4.1
	Carrot	17.5	0.0	17.5	0.0	35.0	0.0	50.0	0.0	35.0	0.0	43.0	0.0	198.0	5.7
CENTRAL	Green Pepper	21.3	0.0	21.3	0.0	47.1	0.0	31.6	0.0	9.4	0.0	9.4	0.0	140.1	6.8
	Coloured Pepper	76.0	0.0	76.0	0.0	152.0	0.0	152.0	0.0	152.0	0.0	152.0	0.0	760.0	17.0
	Spinach	3.6	0.0	3.6	0.0	7.2	0.0	5.6	0.0	5.6	0.0	1.6	0.0	27.3	3.1
	Cherry Tomato	1.9	0.0	1.9	0.0	3.5	0.0	2.5	0.0	0.0	0.0	0.0	0.0	9.7	1.0
	Tomato Round	10.6	0.0	10.6	0.0	20.4	0.0	19.4	0.0	4.4	0.0	0.0	0.0	65.2	2.7
	Tomato Jam	1.8	0.0	1.8	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.4
SOUTH AND ORANGE	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
RIVER	Green Pepper	4.8	0.0	4.8	0.0	9.5	0.0	4.0	0.0	4.0	0.0	0.0	0.0	27.0	1.5
NIVER	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	0.5	0.0	0.0	0.0	1.1	0.0	1.1	0.0	1.1	0.0	1.1	2.0	4.9	0.2
	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
	Tomato Round	125.0	0.0	129.8	0.0	262.6	0.0	262.0	0.0	127.7	0.0	62.8	0.0	969.9	21.5
Total expected per crop	Tomato Jam	109.3	0.0	177.7	0.0	360.8	0.0	301.2	0.0	90.8	0.0	5.0	0.0	1044.8	32.0
per month	Carrot	153.4	0.0	193.4	0.0	286.0	0.0	366.0	0.0	302.0	0.0	144.0	0.0	1444.8	35.1
	Green Pepper	70.8	0.0	82.9	0.0	157.9	0.0	115.3	0.0	20.9	0.0	12.6	0.0	460.5	21.8
	Coloured Pepper	76.0	0.0	76.0	0.0	152.0	0.0	152.2	0.0	152.2	0.0	152.0	0.0	760.5	17.0
	Spinach	5.3	0.0	4.8	0.0	9.9	0.0	8.6	0.0	8.3	0.0	4.0	2.0	40.7	4.0
	Cherry Tomato	5.4	0.0	5.4	0.0	9.5	0.0	2.5	0.0	0.0	0.0	0.0	0.0	22.7	1.70

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.



													NORTH CE		DEA																					
	Name of Producer			01 to	15 Mar 2	2023			16 to	o 31 Mar	2023		NORTH C			-23					May-	23						Jun-2	3				Jul-2	3		
1	Abraham Hamukwaya	~						0						9						0											-					
2	Andreas Ashimbanga	7												9						0																
	Anton Joseph	1	0					0						0						0													-			
	Aurelia Shikesho	V												0						0				-		0										
5	Eliasel Esra Nambinga				٠		em-			*		494					474			_	•		474			_				474						_
		V																			-															
	Elise Auino	N			-					•												-		-												
	Junias Mwafekelange	V						0						_		_						-		_									 	-	+	
	Karoline Paavo	V			*		6 74	 0		`		1 74-		_		-	494						477							494			 +	<u> </u>	+	_
	Lonia & Abraham Ismael	V	 0		-	-				-					-		-				-		-										_	+	+	
	Lucas Moongela	V	 -		۲		-	 0	_	۲		dana		_			-				*		-							datas					-	
	Ndasilohenda Nakashwa	V				-	6 74	0				49		0		_	400		_			_	47							1					47	
12	Olavi Hamutumwa	~												9						0											-					
13	Onesmus Alalicky Jordan	1														_					۲	_														
14	Panduleni Mule	~								۲					<u></u>	2					۲							۲								
15	Paulus Amutenya	~			۲					۲										0						0										
16	Paulus Titus		9					0												•																
17	Petrus Matheus	V	0					0						9																						
18	Pupyenaye Tjavanga	1	0					0																												
	Shikesho Benjamin	1																		0	`					0		*								
	Silvanus Naunyango	1			٠					-																										
	Tauno Hafeni Shikomba	V								۲																										
	Thomas Tangeni Negonga	V			*									0						0																
	Willem Ankama	V																		-														-		
23	Willem Ankama		 	<u> </u>	-				<u> </u>								I						<u> </u>		LI		LI			I						
	Name of Producer			01 to	15 Mar 2	2023			16 to	o 31 Mar	2023		KAF	RST AREA		-23		-			May-	23		1				Jun-2	3				 Jul-2	3		_
1	CD Shifotoka	V						0						0																						
	Chris Coston	1	0					0						9						9																
3	David Shifotoka																			0						0										
	Elizabeth Nekundi	N N			•		-	0		•		474		0			474						-													
	Ellenora Muranda	V	0		-					-									_	0							*									
		1																		-	0															
	Franklin Mate	v v			*			0		۲											-															
	Geoffery Shekupe																		-	0		-				0						\rightarrow			\vdash	
	Gerhard Sachse	V						-		-										-	-	-		-		-						-+		1	+	
	Gero Hirsch	V	0					0						0					(0					۲	0								-	\square	
	Gregory Groenewald	V	 -		da				-					-					•	-	-		-			-						-+				
11	Jan Cronje	V			۲					۲			-		*			-			۲			-							-				4	
12	Johann A. Cloete	1			-			-		-				9					-	0															+	_
13	Juliana Gericke	V			۲					۲					S							_												-		
14	Kuhn Willem Schalk				۲					۲					<u> </u>	/					۲													4		
15	Ludwig Kapingana		0					0						0																						

Table 3 continued...

Table 3 continued...

	Luther J. Rukira																	۷																			
		N N		0												0		-										-									
	Magano Kapia Mark von Maltzahl	N N							-			-		_	-						-	_					_	-				-					-
	Mark von Maitzani Mavuto Mwanza	N V	6	0					4			-																-		-						-+	
	Mavuto mwanza Munyaridza Murwira	N N											>			0		۲						*				-									
		N N			- 200													-						-				-									
	Ndelitungapo Ndaitwah	N V				۲		1 24		4			2	4 74		0		`		**				*				-		-	4774					1	*
	Ndingana Mupetami	1																										-								-	<u>*</u> .
	Paulus Halwoodi Andreas												<u> </u>			0								-												-+	
	Peter Kawana	1				*							•					٠					-	*				-								-	_
	Phillip Pendukeni	1											4									-	1					-									—
	PT Erasmus / Obey	1				*	$\left \right $											۲						*												-+	+
	Ricky Kukuri	V	_							_			·			-								•				-									
	Romario Warren Gomachab	V		0		ala				-	▶	6						`						de				-									
	Sabine Blume	1				۲												-				-		*					-								
30	Sion Petrus	~										_				0		۲				0		۲					۲								
	Stefan Du Plessis	1		0		da				_		-				0		de				6	_	40													
32	Tiaan de Lange	1		0		۲					▶					9		*				6		*													
33	Uaraa Maombokere	~				۲				_			2					۲						۲						_							
34	Wedeinge Shifotoka	~		_						•	▶					0						6															
35	Yasser Alphather shangadi	~				۲												۲						۲													
															CENTR	AL AREA	۱																				
	Name of Producer		<i>(</i>		01 te	o 15 Ma	r 2023				16	to 31	Mar 2023	- 1	4		1	Apr-23						May-23	3			1	Jun-	23					Jul-23		
	Adam Ndaura	1		-								_																_									—
	Albertus Viljeon	1				alan.												*				<u> </u>						-		-							<u> </u>
	Bernice Van Wyk	1		2		۲		-		-			×	-		2		۲		\$		>	_	_										_		_	——
	Cleophas Katuuo	1				de		\$ \$						\$				-		-				de				_		_					de		
	Cornelius C Kuhn	\checkmark		_		۲				_								۲			_	_	_	۲				_	*	-			_	_	۲		
	Deborah Walliser	1									_												_	40				_								_	
7	Dinah Trauss	~		9		۲				•	•	۲	y			9		۲				6	2	۲				_									
8	Drik Wolbing	~		_				100				_		M						1						1		_			494						
9	Fritz Von Krosigk	~						1 77		_				4 94						\$						*					-					4	
10	Gerson Geingob	\checkmark								4	▶							٠				6		۲				9	۲						۲		
11	Henk Peters	\checkmark				1												۲						۲													
12	Hueston Groenewaldt	1				۲							•					۲						۲													
13	J.M Helsdgen	\checkmark																						۲				9	*				۲		۲		
14	Jaco Thomas	1			-	۲					1		_				1	۲					-				۲										
15	Jaco Van der Westhuizen	~				۲												۲						۲													
16	Johaness Meyer	1			-						1	2					1																				
	Kazenarui Kandetu	1				-		\$					•	\$				۲		-																	
	Kondjeni Benjameni	~		0						•	•					9																					
	Leonie Hartman	1			-							2					1						-										۲				
	Liza Kokermore	1					-						*						**																	*	
	Lothar Kollmitz	1							-					-	- 0			*		-	- 0			*		-	/		•			-	۲		-		-
21	Louiai NUIIIIIILZ	N																-			- A														-		

Table 3 continued...

22	Marilyn Kazetjikuria	V		۲		۲	0	1	8			9	*			۲	0		۲		۲						-
23	Maureen Gaose	~																		-	-						
24	Paul Muranda	~					0				•	9					9										
25	Petrus van Wyk	~		۲				1	۲																		
	Salomon Nemaire	~					0					9					8										
												SOU	TH AND	ORANGE	RIVER AREA												
	Name of Producer		01 t	o 15 Mar 2023				16 to 31	Mar 2023				Apr	23				1	May-23			J	un-23			Jul-23	
1	Elize Eliphas	~	۲			۲				*	۲				10					1				1			*
2	Elmarie Janse Van Rensburg	~	۲	۲	**	۲		1	2	*	۲				*	۲			۲	\$	۲	1	2	\$			*
3	S.S.W.Louw	~	۲	۲		۲		1	۲		۲					۲											
				1								-															

Source: NAB, 2023

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.

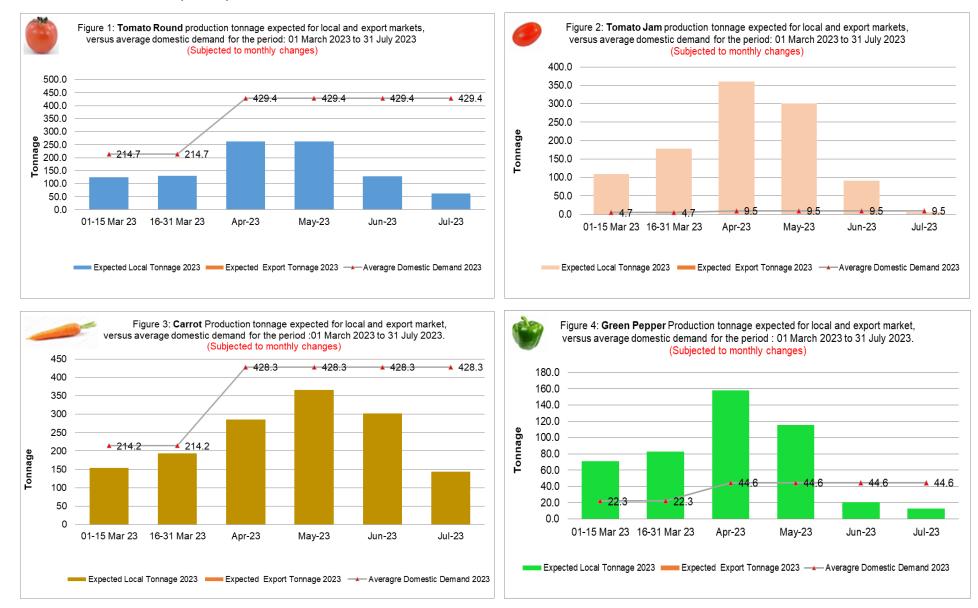
The total tonnage expected for Tomato Jam, Cocktail/Cherry Tomato, Green Pepper and Colour Pepper, are expected to be Sufficient in the entire permit period of 01 to 31 March 2023. While Carrot, Spinach and Tomato Round will be insufficient in this permit period, of 01 to 31 March 2023.

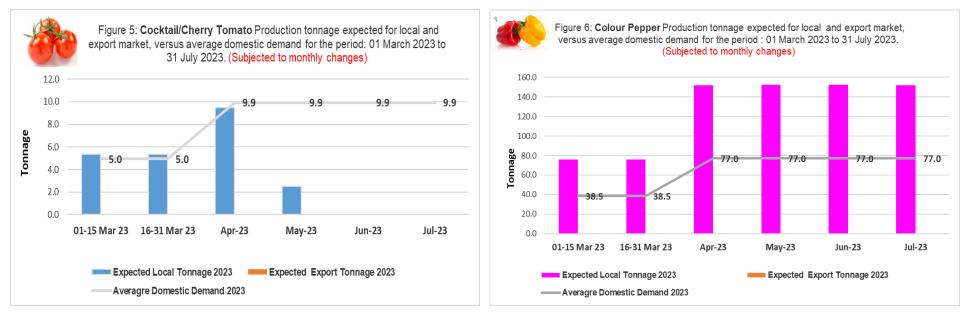
Table 4	A: EXPECTED PRODUCTION VE	RSUS DOMES	TIC DEMAND A	NALYSIS FO	OR SPECIAL	CONTROLLI	ED PRODUC	TS
			Numb	ers in this t	able represe	ents Tonnage	9	
Crop	Expected Shortage or Surplus	01-15 Mar 23	16-31 Mar 23	Apr-23	May-23	Jun-23	Jul-23	TOTAL
	Expected for Domestic Market	125.0	129.8	262.6	262.0	127.7	62.8	969.9
Tomato Round	Average Domestic Demand	214.7	214.7	429.4	429.4	429.4	429.4	2146.9
	Surplus /Shortage	-89.7	-84.9	-166.7	-167.4	-301.7	-366.6	-1176.9
	Expected for Domestic Market	109.3	177.7	360.8	301.2	90.8	5.0	1044.8
Tomato Jam	Average Domestic Demand	4.7	4.7	9.5	9.5	9.5	9.5	47.4
	Surplus /Shortage	104.6	173.0	351.3	291.7	81.3	-4.5	997.3
	Expected for Domestic Market	153.4	193.4	286.0	366.0	302.0	144.0	1444.8
Carrot	Average Domestic Demand	214.2	214.2	428.3	428.3	428.3	428.3	2141.6
	Surplus /Shortage	-60.8	-20.8	-142.3	-62.3	-126.3	-284.3	-696.8
	Expected for Domestic Market	70.8	82.9	157.9	115.3	20.9	12.6	460.5
Green Pepper	Average Domestic Demand	22.3	22.3	44.6	44.6	44.6	44.6	222.8
	Surplus /Shortage	48.6	60.7	113.4	70.7	-23.6	-32.0	237.7
	Expected for Domestic Market	76.0	76.0	152.0	152.2	152.2	152.0	760.5
Colour Pepper	Average Domestic Demand	38.5	38.5	77.0	77.0	77.0	77.0	384.9
	Surplus /Shortage	37.5	37.5	75.0	75.3	75.3	75.0	375.6
	Expected for Domestic Market	5.4	5.4	9.5	2.5	0.0	0.0	22.7
Cherry Tomato	Average Domestic Demand	5.0	5.0	9.9	9.9	9.9	9.9	49.7
	Surplus /Shortage	0.4	0.4	-0.4	-7.4	-9.9	-9.9	-27.0
	Expected for Domestic Market	5.3	4.8	9.9	8.6	8.3	4.0	40.7
Spinach	Average Domestic Demand	13.6	13.6	27.1	27.1	27.1	27.1	135.6
-	Surplus /Shortage	-8.3	-8.8	-17.3	-18.5	-18.9	-23.2	-94.9

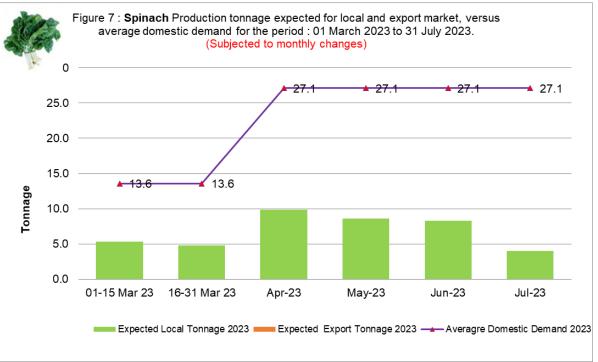
Source: NAB,2023

4.2 GRAPHICAL ANALYSIS

Figures 1-7: Below indicates the expected local tonnage, average domestic demand and export analysis per crop, we therefore have sufficient supply of Tomato Jam, Cherry Tomato, Green and Colour Pepper from 01 to 31 March 2023 permit period. The Carrot, Spinach and Tomato Round will be insufficient in this permit period.







Page **10** of **12**

5. CONCLUSIONS AND RECOMMENDATIONS

This report indicates sufficient supply of Tomato Jam, Cocktail/Cherry Tomato, Green Pepper and Color Pepper for the entire special permit period of 01 to 31 March 2023. It is therefore recommended that the above-mentioned product lines be closed for importation during this permit period.

The report further shows insufficient supply of and Tomato Round, Carrot and Spinach during the special permit period 01 to 31 March 2023. It is therefore recommended that borders open on prorata for importation of Tomato Round (50:50), Carrot (30:70), and Spinach (60:40) with Import to Locally sourced respectively. However, traders are reminded that MSP rule of 47 % is strictly applied at times.

In conclusion traders are encouraged to contact farmers and source their needed produces locally before resorting to importing.



HORTICULTURE: VEGETABLES PRODUCTION FORECAST REPORT NO 3

FORECASTED PERIOD:

01 March 2023 TO 31 Jul 2023

Agronomy and Horticulture Market Development Division Horticulture Market Development Subdivision Enquiries: Ms. Selma M Uahengo Cell: +264 812265234 Email: Selma.Uahengo@nab.com.na

1. INTRODUCTION

Report no. 3, covers the local production forecast for the six (7) special controlled products such as Beetroot, **English Cucumber**, **Sweet Potato**, **Watermelon**, **Sweet melon**, **Sweetcorn and Lettuce**, and three (3) monitored crops i.e., **Cauliflower**, **Broccoli**, and **Mushroom**. Below is the list of inclusions and exclusions (table 1) for the above-outlined special controlled products. **Please take note**: All the exclusions are imported using mixed fruit and vegetable permit, valid for 90 days.

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

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

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: Month	ly expected production	on per a	rea, per o	crop for t	the perio	d 01 Ma	r 2023 - 3	31 Jul 20	023						
	Numbers in the table	e below	represen	ts tonna	ge expec	ted to h	narvested	l for loc	al and ex	port ma	rket	I	_ast update	ed: 21 Feb 2	2023
PRODUCTION	CROPS	1-15 M	ar 23	16-31	Mar 23	Apr-23		May-23	3	Jun-23		Jul-23		Total (for	the 5 months period)
AREAS		Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Yield	Ha to be harvested
	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	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.33	2.36
KAVANGO	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
	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	90.3	0.0	16.4	0.0	66.5	0.0	26.1	0.0	4.0	0.0	0.0	0.0	203.25	10.57
NORTH CENTRAL	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
CENTRAL	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
	Beetroot	30.0	0.0	30.0	0.0	70.0	0.0	85.0	0.0	85.0	0.0	70.0	0.0	370.00	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
KARSTLAND	Watermelon	45.0	0.0	45.0	0.0	4.5	0.0	4.5	0.0	0.0	0.0	0.0	0.0	99.00	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	9.0	0.0	9.0	0.0	18.0	0.0	18.0	0.0	18.0	0.0	18.0	0.0	90.85	5.50

Table 1 A continues...

	Beetroot	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.00	0.15
	English Cucumbers	52.8	0.0	52.8	0.0	105.6	0.0	107.4	0.0	72.0	0.0	60.0	0.0	450.60	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
CENTRAL	Watermelon	10.0	0.0	0.0	0.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90.00	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	4.5	0.0	2.1	0.0	4.5	0.0	3.5	0.0	0.0	0.0	0.0	0.0	14.60	1.20
	Lettuce Iceberg	17.3	0.0	17.3	0.0	32.5	0.0	40.0	0.0	36.5	0.0	36.5	0.0	180.00	8.35
	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
SOUTH AND ORANGE RIVER	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	7.0	0.0	9.5	9.5	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
	Beetroot	56.0	0.0	35.0	0.0	70.0	0.0	85.0	0.0	85.0	0.0	70.0	0.0	401.00	15.90
	English Cucumbers	52.8	0.0	57.3	0.0	105.6	0.0	107.4	0.0	72.0	0.0	60.0	0.0	455.10	9.43
•	Sweet Potatoes	131.6	0.0	67.8	0.0	207.5	0.0	76.1	0.0	34.0	0.0	0.0	0.0	550.58	21.07
production per crop per month	Watermelon	55.0	0.0	45.0	0.0	124.5	0.0	9.2	0.0	1.2	0.0	0.0	0.0	234.92	3.87
or op per month	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	17.4	0.0	17.5	9.5	35.8	0.0	18.3	0.0	8.8	0.0	1.8	0.0	45.34	6.45
	Lettuce Iceberg	26.3	0.0	26.3	0.0	50.5	0.0	58.0	0.0	54.5	0.0	54.5	0.0	270.85	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.

	Numbers in the tal	ble below rep	oresents to	nnage exp	bected to h	arvested	or local ar	nd export	market	Las	t updated: 2	1 Feb 2023	
PRODUCTION AREAS	CROPS	Mar-23		Apr-23		May-23		Jun-23		Jul-23		Total (for	the 5 months period)
		Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Yield	Ha to be harvested
IORTH CENTRAL	Cauliflower	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.75	0.02
	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
ENTRAL	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
	Cauliflower	0.0	0.0	0.0	0.0	2.4	0.0	8.0	0.0	0.0	0.0	18.40	2.30
SOUTH AND ORANGE	Broccoli	0.0	0.0	0.0	0.0	4.0	0.0	9.2	0.0	0.0	0.0	22.40	2.25
	Mushroom	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
					I								
	Cauliflower	0.8	0.0	0.0	0.0	16.9	0.0	24.5	0.0	14.5	0.0	64.65	5.77
	Broccoli	0.0	0.0	0.0	0.0	18.5	0.0	25.7	0.0	14.5	0.0	67.90	6.60
otal expected roduction per crop per	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
onth		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00

Source; NAB 2022

3. 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 trace producers harvesting the product of interest and make local purchase arrangements henceforth.

	TABLE: 2A																																								
KE	(S : BEETROOT 崎	EN	IGLISH	H CUC	CUME	BER	1	SV	/EET	POT	ATO	-3	١	NATE	RME	LON	Ì	Sv	VEET	MEL	ON	(LE	TTU	CE I	CEBE	RG 🚺		Swee	etcorn											
																											PERI	DD: 0	1 Ma	r 2023	вто	31 Jı	ul 202	23							
		N	IARKE	т		1	-15 N	lar -2	3	_		1	6-31	Mar -	23	_		-	A	pr-23	3			_	_	May-2	23					Jun-2	23				_	Ju	I-23	_	
N	AME OF PRODUCER	I f o r m a I	F o r m a I	E x p o r t	Beetroot	English Cucumber	Sweet Potato	Watermelon	Sweetmenu	Lettuce Iceberg	Beetroot	English Cucumber	Sweet Potato	Watermelon	Sweet melon	Lettuce Iceberg	Beetroot	English Cucumber	Sweet Potato	Watermelon	Sweet melon	Sweetcorn	Lettuce Iceber	Beetroot English Cucumber	Sweet Potato	Watermelon	Sweet melon	Sweetcorn	Lettuce Iceber	Beetroot English Cucumber	Sweet Potato	Watermelon	Sweet melon	Sweetcorn	Lettuce Iceber	Beetroot	English Cucumber	Sweet Potato	Watermelon Suppt molon	Sweet meion Sweetcorn	Lettuce Iceber
KA	VANGO AREA																																								
NA	ME OF A PRODUCER	Local Informal	Local Formal	Export		1-	15 M	ar 20	23			16	-31	Mar 2	023				A	pr-23	3					May-	23					Jun-2	23					Ju	I-23		
1	Andreas Kashekele	V	\checkmark																																						
2	Henock Katanga		\checkmark																																						
3	Mukuve Hausiku	V	\checkmark			144	5												*																						
	Ngalaule Peleko	V	\checkmark																						8																
5	Ngobe Regina	V	\checkmark			1	\$																																		
NO	RTH CENTRAL AREA																																								
NA	ME OF A PRODUCER	Local Informal	Local Formal	Export		1-	15 M	ar 20	23			16	-31	Mar 2	023				A	pr-23	3					Jun-2	23					Jun-2	23					Ju	I-23		
1	Absalom Itumba	\checkmark	\checkmark																*																						
2	Andrease Ashimbanga	V	V				8																																		
3	Aurelia Shikesho	\checkmark	\checkmark																*																						
4	Eliasel Esra Nambinga	V	\checkmark																												244										
5	Elifas Nuuyoma	\checkmark	\checkmark																						-																
6	Elise Auino	V	\checkmark										*																												
7	Elkan Mungundu	V	\checkmark				\$																																		
8	Emily Naunyango		\checkmark				*						*																												
9	Immanuel Hambiya	V	\checkmark				5																																		

Table 2A continues.....

| | | | | | | | | | | | |
 | | | | | | |

 | |
 | | _
 | | |
 |
 |
 | | | | |
|--|--|---|---|--|---|--|--|--|---|--|--
--|---|--|--|---|--|--
--

---|---|---
--
---|--|--
--

---|---
---|--|--|
| J Steyn | V | V | | | - | | | | | | |
 | | | | * | | |

 | |
 | |
 | | |
 |
 |
 | | | | | | | | | | | | |
| Johannes Naidjala | V | V | | | | 6 | | | j | * | |
 | | | | * | | |

 | |
 | |
 | | |
 |
 |
 | | | | | | | | | | | | |
| Lukas Moongela | V | V | | | | | | | | | |
 | | | | * | | |

 | |
 | |
 | | |
 |
 |
 | | | | | | | | | | | | |
| Onesmus Alalicky | V | V | | | | | | | | | |
 | | | | | | |

 | 9 79 |
 | |
 | | |
 |
 |
 | | | | | | | | | | | | |
| Pupyenaye Tjavanga | V | V | | | | | | | | | |
 | | | | | | |

 | |
 | |
 | | |
 |
 |
 | | | | | | | | | | | | |
| Sacky Shilyomuntu | V | \checkmark | | | | | | | | | |
 | | | | | | |

 | |
 | |
 | | |
 |
 |
 | | | | | | | | | | | | |
| Shetuuka Shetuuka | V | \checkmark | | | - | | | | | | |
 | | | | * | | |

 | |
 | |
 | | |
 |
 |
 | | | | | | | | | | | | |
| Sylvanus Naunyango | V | \checkmark | | | 1 | | | | | | |
 | | | | | | |

 | |
 | |
 | | |
 |
 |
 | | | | | | | | | | | | |
| Wilhelmina Heita | V | \checkmark | | | | | | | | | |
 | | | | | | |

 | * |
 | |
 | | |
 |
 |
 | | | | | | | | | | | | |
| RSTLAND AREA | | | | | | | | | | | |
 | | | | | | |

 | |
 | |
 | | |
 |
 |
 | | | | |
| ME OF A PRODUCER | Local
Informal | Local
Formal | xport | | 1-1 | 5 Ma | r 2023 | 3 | | | 16-31 | Mar 20
 | 23 | | | Apr-2 | 23 | |

 | | May-22
 | |
 | | Jun-2 | 22
 |
 |
 | | Ju | I-23 | |
| Dirk van Der Berg | V | V | 6 | 6 | | | | | ļ | | |
 | | | | | | | 6

 | |
 | |
 | | |
 |
 | 6
 | | | | |
| | | | | | | - | _ | | | _ | + + | -
 | | | | | | - |

 | |
 | |
 | | |
 |
 |
 | | | | |
| Gregory Groenewald | V | V | | | | ۲ | 6 | | | | | ۹
 | | | | | | |

 | |
 | |
 | | |
 |
 |
 | | | | |
| Gregory Groenewald
Hannes Arrangies | | √
√ | | | | • | | | 1 | | | %
 | | 1 | | | | (|

 | |
 | 1 |
 | | |
 |
 |
 | | | | |
| | V | | | | | Q | | | 1 | | | %
 | | | <u> </u> | | | % | <u> </u>

 | |
 | 1 |
 | | |
 |
 |)
(***
 | | | | |
| Hannes Arrangies | ۷
V | V | | | | | | | 1 | | | •
 | | | <u> </u> | | | % | <u></u>

 | |
 | |
 | | |
 |
 |)
(***
 | | | | |
| Hannes Arrangies
Jan Cronje | ۷
V | √
√ | | | | | | | 1 | | | () ()
 () () () () () () () () () () () () () () () () () () (| | | <u></u> | 3 | | * | *

 | |
 | |
 | | |
 |
 |
 | | | | | | | | | | | | |
| Hannes Arrangies
Jan Cronje
Mavuto Mwanza | V
V
V | | | | | | | | | | |
 | | | | * | | |

 | |
 | |
 | | |
 |
 |
 | | | | | | | | | | | | |
| Hannes Arrangies
Jan Cronje
Mavuto Mwanza
Ndinelago Tshiguuo | | √
√
√
√ | | | | | | | | | |
 | | | | 3
3
0 | | |

 | 3 |
 | |
 | | |
 |
 |
 | | | | | | | | | | | | |
| Hannes Arrangies
Jan Cronje
Mavuto Mwanza
Ndinelago Tshiguuo
Neil Jacobz | | | | | | | | | (%) | | |
 | | | | | | |

 | | •
 | |
 | | |
 |
 |
 | | | | |
| | J Steyn
Johannes Naidjala
Lukas Moongela
Onesmus Alalicky
Pupyenaye Tjavanga
Sacky Shilyomuntu
Shetuuka Shetuuka
Sylvanus Naunyango
Wilhelmina Heita
RSTLAND AREA
ME OF A PRODUCER | J Steyn √
Johannes Naidjala √
Lukas Moongela √
Onesmus Alalicky √
Pupyenaye Tjavanga √
Sacky Shilyomuntu √
Sacky Shilyomuntu √
Shetuuka Shetuuka √
Sylvanus Naunyango √
Wilhelmina Heita √
RSTLAND AREA | J Steyn √ √ Johannes Naidjala √ √ Lukas Moongela √ √ Dnesmus Alalicky √ √ Pupyenaye Tjavanga √ √ Sacky Shilyomuntu √ √ Shetuuka Shetuuka √ √ Sylvanus Naunyango √ √ Wilhelmina Heita √ √ RSTLAND AREA Local Local | J Steyn √ √ Johannes Naidjala √ √ Lukas Moongela √ √ Onesmus Alalicky √ √ Pupyenaye Tjavanga √ √ Sacky Shilyomuntu √ √ Shetuuka Shetuuka √ √ Sylvanus Naunyango √ √ Wilhelmina Heita √ √ RSTLAND AREA Local
Informal Local
Format Export | J Steyn √ √ ✓ Johannes Naidjala √ √ ✓ Lukas Moongela √ √ ✓ Dnesmus Alalicky √ √ ✓ Pupyenaye Tjavanga √ √ ✓ Sacky Shilyomuntu √ √ ✓ Shetuuka Shetuuka √ √ ✓ Sylvanus Naunyango √ ✓ ✓ Wilhelmina Heita √ ✓ ✓ RSTLAND AREA Local Informal Export ✓ | J Steyn √ √ ✓ Johannes Naidjala √ √ ✓ Lukas Moongela √ √ ✓ Dnesmus Alalicky √ √ ✓ Pupyenaye Tjavanga √ √ ✓ Sacky Shilyomuntu √ √ ✓ Shetuuka Shetuuka √ ✓ ✓ Sylvanus Naunyango √ ✓ ✓ Wilhelmina Heita √ ✓ ✓ RSTLAND AREA Local Informal Export 1-1: | J Steyn √ √ ✓< | J Steyn √ √ S Image: state s | Johannes Naidjala √ √ S | J Steyn √ √ S √ Johannes Naidjala √ √ S √ Lukas Moongela √ √ ✓ S ✓ Onesmus Alalicky √ √ ✓ | J Steyn √ √ ✓< | J Steyn √ √ ✓< | J Steyn √ √ S √ S √ S √ S √ ✓ | J Steyn √ √ ✓< | J Steyn √ √ Seven Seve | J Steyn Image: steps of the steps of | J Steyn √ √ ✓< | J Steyn √ √ ✓< | J Steyn V </td <td>J Steyn Image: state in the state in</td> <td>J Steyn Image: state of the state of</td> <td>J Steyn Image: state in the state in</td> <td>J Steyn V<!--</td--><td>Johannes Naidjala Image: strate s</td><td>Johannes Naidjala Image: Specific Spec</td><td>J Steyn V<!--</td--><td>J Steyn V<!--</td--><td>J Steyn I<!--</td--><td>J Steyn Image: Steps of the state of</td><td>J Steyn I<!--</td--><td>J Steyn V<!--</td--><td>J Steyn I<!--</td--></td></td></td></td></td></td></td> | J Steyn Image: state in the state in | J Steyn Image: state of the state of | J Steyn Image: state in the state in | J Steyn V </td <td>Johannes Naidjala Image: strate s</td> <td>Johannes Naidjala Image: Specific Spec</td> <td>J Steyn V<!--</td--><td>J Steyn V<!--</td--><td>J Steyn I<!--</td--><td>J Steyn Image: Steps of the state of</td><td>J Steyn I<!--</td--><td>J Steyn V<!--</td--><td>J Steyn I<!--</td--></td></td></td></td></td></td> | Johannes Naidjala Image: strate s | Johannes Naidjala Image: Specific Spec | J Steyn V </td <td>J Steyn V<!--</td--><td>J Steyn I<!--</td--><td>J Steyn Image: Steps of the state of</td><td>J Steyn I<!--</td--><td>J Steyn V<!--</td--><td>J Steyn I<!--</td--></td></td></td></td></td> | J Steyn V </td <td>J Steyn I<!--</td--><td>J Steyn Image: Steps of the state of</td><td>J Steyn I<!--</td--><td>J Steyn V<!--</td--><td>J Steyn I<!--</td--></td></td></td></td> | J Steyn I </td <td>J Steyn Image: Steps of the state of</td> <td>J Steyn I<!--</td--><td>J Steyn V<!--</td--><td>J Steyn I<!--</td--></td></td></td> | J Steyn Image: Steps of the state of | J Steyn I </td <td>J Steyn V<!--</td--><td>J Steyn I<!--</td--></td></td> | J Steyn V </td <td>J Steyn I<!--</td--></td> | J Steyn I </td |

Table 2A....

a	DIE ZA																																 						_
(AF	RSTLAND AREA																																						
NA	ME OF A PRODUCER	Local Informal	Local Formal	Export			1-15	Mar	r 202	3			16-3	81 N	Nar 20	23				Apr-	23					May-2	2				Ju	in-22				Jul	23		
1	Dirk van Der Berg	V	V		6							6												6					6					6					
2	Gregory Groenewald	V	\checkmark					۲	6					(۹																								
3	Hannes Arrangies	V	\checkmark								1						1						1					1)										
4	Jan Cronje	V	\checkmark								Į.							6				4		<u> </u>			1	<u>/</u>	6					6				<u>/</u>	
5	Mavuto Mwanza	V	\checkmark																						1														
6	Ndinelago Tshiguuo	V	\checkmark																-41	*																			
7	Neil Jacobz	V	V		<u>~</u>							<u> </u>						6						<u> </u>					6	8				<u>6</u>					
8	Paulus Halwoodi Andrea	V	\checkmark																	۲	,					۹													
9	Ricky Kukuri	V	V																							5													
10	Sabine Blume	V	\checkmark								ķ																	<u>/</u>											
EN	NTRAL AREA	-									-																			-							-	_	
NA	ME OF A PRODUCER	Local Informal	Local Formal	Export			1-15	5 Ma	ar 23	_			16-	31 M	lar 20	23				Apr-	23					May-2	2				Ju	ın-22				Jul	23		
1	Anton/Liza Koekemor	\checkmark	\checkmark			1					1		1				1		1			1	1					1	6	1					1				
2	Deborah Walliser	\checkmark	\checkmark			1							1						1											1					1				
3	Dina Strauss	\checkmark	\checkmark			1							1						1					A.						1									
4	Albertus Viljeon	\checkmark	\checkmark		5																																		
5	Groenewaldt Hueston	\checkmark	\checkmark															6		۹																			
6	Jan Conradie	\checkmark	\checkmark								ŧ																1	4											
7	Henk Pieters	\checkmark	\checkmark								1						1											1										1	1
8	Jaco Thomas	\checkmark	\checkmark								1		1				1		1				-	4						1					1				-
9	Jaco van Westhuizen	\checkmark	\checkmark								1		1				1		1					4				1		1					1				
11	Johaness Meyer	\checkmark	V								1						1					1	1					1											1
12	Kazenarui Kandetu	\checkmark	\checkmark																	۹)																		
13	Lothar Kollimitz	\checkmark	\checkmark		6																																		
14	J.M Helsdgen	\checkmark	V																								4	<u>// / / / / / / / / / / / / / / / / / /</u>				8							
15	Francois Swanepoel	\checkmark	\checkmark																.4.	*																			
7	Stiaan Cleote		\checkmark			1							1						1					4						1					1				

Source: NAB 2023

TABLE: 2B																														
EYS : CAULIFLOWER							BR	oco	LLI		(MR			Ν	NUSH	IRO	ом		33/											
																					PEF	RIOD	: 01	Mar	202	з то	30 .	Jul 2	023	
	M	ARK	ET			Mar	r-23					Apr	-23					Мау	/-23	 		Jun	-23		_			Jul	23	
NAME OF PRODUCER	In for mal	Formal	E x p o r t	Cauliflower	Broccoli	Mushroom				Cauliflower	Broccoli	Mushroom				Cauliflower	Broccoli	Mushroom		Cauliflower	Broccoli	Mushroom				Caulif10wer	Broccoli	Mushroom		
ORTH CENTRAL AREA		<u></u>		<u> </u>																										
1 Lonia & Abraham Ismael	\checkmark	\checkmark																												
ENTRAL AREA																														
1 Jaco Thomas	1	√															8			0	×.					0	×			
2 Johaness Meyer	\checkmark	\checkmark															×.			0	(SE						5			
3 Jan Conradie	\checkmark	\checkmark			K	C3				3	8	33/						<u>3</u> 37				33						33		
4 Lothar Kollmitz	\checkmark	\checkmark									8						8				8						3			
OUTH AND ORANGE RI	VER	ARE	EAS																											
1 1 Rensburg	\checkmark	\checkmark								3	182					٢	8			0	S.									
² Francois Van Resnburg	\checkmark	\checkmark														۵.	88			0	(BL									
3 Herman van Dyk	\checkmark	\checkmark																		0	SL.					0	82			
4 Hoekes van Nikerk	\checkmark	\checkmark														0	8			()	BL					0	(BL			
8 Jimmy O Kennedy		\checkmark																												

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

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.

	of the total expected tonnage for domestic							
Numbers in thi	s table represents tonnage expected to harves			oort mark	et L	ast updated	: 20 Feb	2022
Crops	Expected Surplus or Shortage	1-15 Mar 23	16-31 Mar 23	Apr-23	May-23	Jun-23	Jul-23	Total
	Expected Tonnage for domestic market	56	35	70	85	85	70	366
Beetroot	Average Domestic Demand (2022)	52	52	105	105	105	105	472
	Surplus / <mark>shortage</mark> (Tonnage)	4	-17	-35	-20	-20	-35	-106
	Expected Tonnage for domestic market	53	57	106	107	72	60	398
English Cucumber	Average Domestic Demand (2022)	47	47	100	100	100	100	447
	Surplus / <mark>shortage</mark> (Tonnage)	6	11	6	7	-28	-40	-49
	Expected Tonnage for domestic market	132	68	208	76	34	0	449
Sweet Potato	Average Domestic Demand (2022)	58	58	115	115	115	115	518
	Surplus / shortage (Tonnage)	74	10	93	-39	-81	-115	-68
	Expected Tonnage for domestic market	55	45	125	9	1	0	190
Watermelon	Average Domestic Demand (2022)	70	70	160	160	160	160	710
	Surplus / shortage (Tonnage)	-15	-25	-36	-151	-159	-160	-520
	Expected Tonnage for domestic market	8	2	45	9	0	0	62
Sweet melon	Average Domestic Demand (2022)	38	38	75	75	75	75	338
	Surplus / shortage (Tonnage)	-30	-35	-30	-66	-75	-75	-276
	Expected Tonnage for domestic market	26	26	51	58	55	55	244
Lettuce Iceberg	Average Domestic Demand (2022)	38	38	75	75	75	75	338
	Surplus / shortage (Tonnage)	-11	-12	-25	-17	-21	-21	-94
	Expected Tonnage for domestic market	17	17	36	18	9	2	82
Sweetcorn	Average Domestic Demand (2022)	11	11	21	21	21	21	106
	Surplus / shortage (Tonnage)	7	7	15	-3	-12	-19	-14

Source: NAB 2023

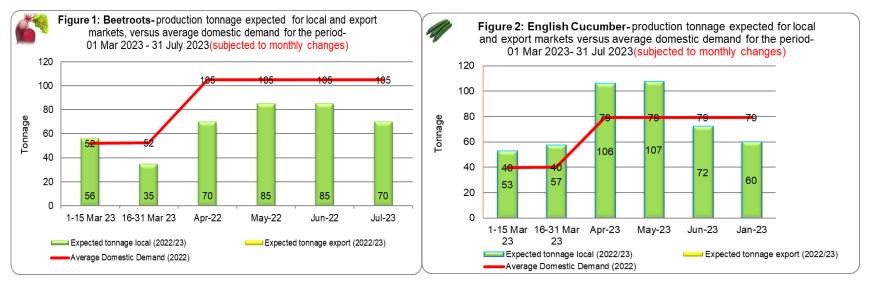
Table 3B: Analysis	of the total expected tonnage for domestic	market v	ersus do	mestic de	emand.		
Crops	Expected Surplus or Shortage	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Total
	Expected Tonnage for domestic market	0.8	0	17	25	15	57
Cauliflower	Average Domestic Demand (2021)	18	18	18	18	18	89
	Surplus / shortage (Tonnage)	-17	-18	-1	7	-3	-32
	Expected Tonnage for domestic market	0	0	19	26	15	59
Broccoli	Average Domestic Demand (2021)	15	15	15	15	15	73
	Surplus / shortage (Tonnage)	-15	-15	4	11	0	-14
	Expected Tonnage for domestic market	7	7	7	7	7	35
Mushroom	Average Domestic Demand (2021)	15	15	15	15	15	75
	Surplus / shortage (Tonnage)	-8	-8	-8	-8	-8	-41

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

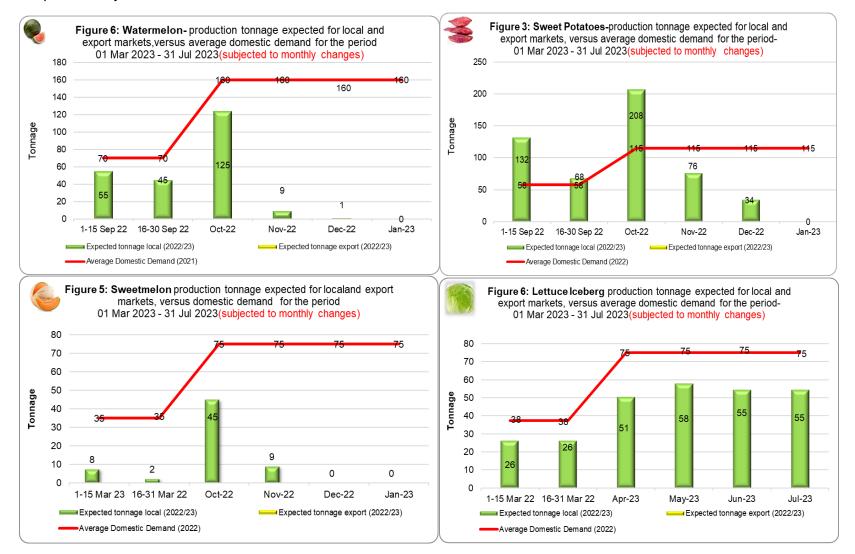
Source NAB 2023

5. GRAPHICAL ANALYSIS

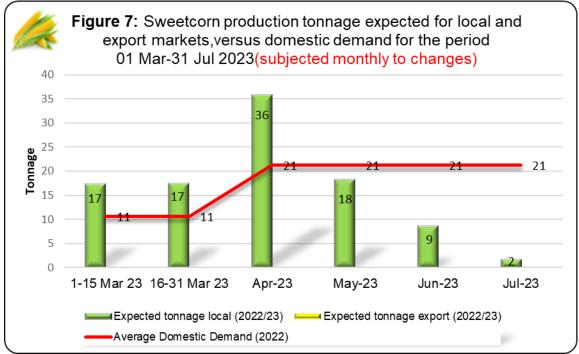
As indicated in Table 3 B, Figure 1,2,3,4,5,6 and 7 below shows the analysis that was done on the 7 special controlled products and 3 monitored crop i.e. mushroom, cauliflower and broccoli as illustrated in figure 8,9 and 10.



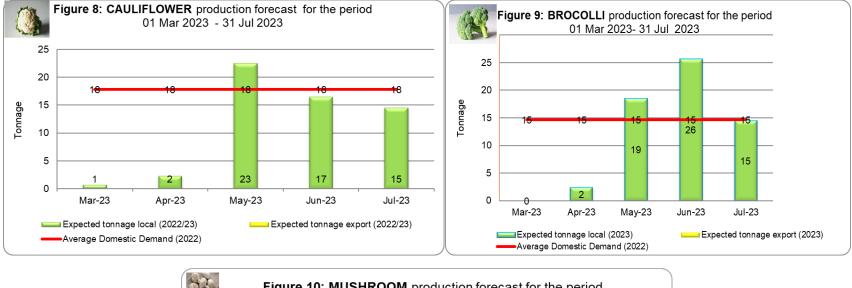
Graphical analysis continues



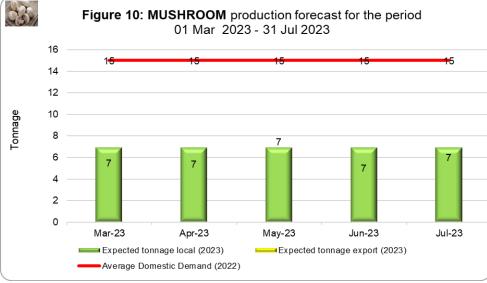
Graphical analysis continues...



Source: NAB 2023



Monitored crop Graphic analysis: Mushroom, Cauliflower and broccoli



Source: NAB 202

6. CONCLUSION AND RECOMMENDATION

This report concludes that there will be sufficient local supply of **English Cucumber**, **Sweetcorn**, **Sweet potatoes** (refer to shortage and surplus table 3). Hence, the borders will be closed for, English Cucumber, Sweetcorn, and Sweet Potatoes for the <u>special import permit period 1-31 January 20223</u>. Watermelon, and Sweet Melon, Lettuce will be insufficient in this special permit period (March month), hence it must be opened on prorate. Beetroots will only be sufficient on the first half of March.

Please note that import restrictions are subjected to changes depending on local products availability reviewed on a regular basis. Thus, 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. Traders are encouraged to contact the local producers as indicated harvesting in Table 2 A& B (**availability calendar**) to place their local orders. Should a trader notice that a producer indicated in the availability calendar have no produce available, please do Notify the NAB immediately.