

Butternuts











NAMIBIAN AGRONOMIC BOARD

Cabbage

Gem Squash Onions

Potatoes

HORTICULTURE: VEGETABLE PRODUCTION FORECAST

REPORT NO. 1

FORECASTED PERIOD:

01 OCTOBER 2021 TO 28 FEBRUARY 2022

Agronomy and Horticulture Market Development Division

Horticulture Market Development Subdivision

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1. INTRODUCTION

Report no. 1, covers the local production forecast for the six (6) special controlled crops i.e. Butternuts, Cabbage, Gem Squash, Onions, Potatoes and Pumpkins. The production of the special controlled products is monitored by NAB and involves close border period whenever sufficient local production is expected, and it is implemented in line with the market share promotion scheme. The production forecast covers a period of five (5) months and it is updated on a monthly basis, while field verifications are carried out on a quarterly basis.

The special controlled products in this report are divided into the following categories: Inclusion and Exclusions: Inclusion involves all the specific sub- product types of special controlled products and can only be imported through the Special Import Permit during open border periods (see table 1). Exclusion involves sub-product type of special controlled products that does not form part of the special controlled product scheme and can be imported using the mixed fruits and vegetable import permit. The objective of the special controlled product scheme is to stimulate local production of horticultural products in Namibia, as a growth at home strategy implemented by the NAB.

Thus, this report discusses the production forecast per production area (table 2), availability of the expected crops per producer (table 3), tabulation (table 4) and graphical (figure 1 to 6) analysis for the expected production versus local demand for this reporting period.

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

Special Controlled Product	INCLUSIONS (Not allowed to be imported, only during open border period). Only imported through the special import permit during open border period.	EXCLUSIONS (Allowed to be imported with no restriction). Imported through mixed fruits and vegetable import permit.
1. Butternuts	71	Zebra Butternut and Baby Butternut. All frozen, dried, cooked and preserved Butternuts (Whole or Cut).
2. Cabbage	Cut Green Cabbage, except the "Exclusions".	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".	All frozen, dried, cooked and preserved Gem Squash (Whole or Cut).
4. Onions		White Salad Onions and Red Onions. All frozen, dried, cooked and preserved Onions (Whole or Cut).
5. Potatoes	All types, size groups and container sizes of fresh, chilled, whole of 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, 2021

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

Tables 2 below shows the total expected tonnage, yield and hectares of crops to be harvested during this reporting period.

Numbers in the t	able below repr	esents toni	nage										Last updated:	20 September 2021
PRODUCTION	Special		Oct-21		No	v-21	Dec	:-21	Jan	-22	Feb	-22	Total (for the	ne 5 months period)
AREAS	controlled and monitored crops	01-15 Oct 21 Local	16-31 Oct 21 Local	01-31 Oct 21 Export	Local	Export	Local	Export	Local	Export	Local	Export	Yield	Ha to be harvested
	Butternuts	0.00	0.00	0.00	3.33	0.00	5.33	0.00	0.61	0.00	0.00	0.00	9.27	0.39
	Cabbage	9.38	10.68	0.00	39.30	0.00	4.25	0.00	14.34	0.00	0.00	0.00	77.95	2.35
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	5.18	4.82	0.00	7.11	0.00	3.83	0.00	5.10	0.00	0.00	0.00	26.04	0.97
	Pumpkins	0.00	0.00	0.00	1.96	0.00	1.85	0.00	1.11	0.00	0.00	0.00	4.91	0.13
	Butternuts	0.00	15.58	0.00	30.99	0.00	48.27	0.00	0.00	0.00	0.00	0.00	94.84	7.48
	Cabbage	53.82	89.39	0.00	106.18	0.00	13.77	0.00	0.00	0.00	4.25	0.00	267.42	8.26
KAVANGO	Gem squash	0.00	0.00	0.00	0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.77	0.06
REGIONS	Onions	124.10	136.91	0.00	21.72	0.00	45.74	0.00	0.98	0.00	0.00	0.00	329.44	11.11
	Potatoes	0.00	0.00	0.00	0.00	0.00	425.00	0.00	0.00	0.00	0.00	0.00	425.00	15.00
	Pumpkins	0.00	0.00	0.00	7.82	0.00	0.05	0.00	0.00	0.00	0.00	0.00	7.87	0.23
	Butternuts	33.79	36.13	0.00	133.49	0.00	28.48	0.00	0.00	0.00	0.00	0.00	231.88	13.89
	Cabbage	109.48	140.17	0.00	382.42	0.00	153.85	0.00	13.60	0.00	0.00	0.00	799.51	24.06
NORTH CENTRAL	Gem squash	0.00	0.00	0.00	4.59	0.00	4.25	0.00	0.00	0.00	0.00	0.00	8.84	0.70
	Onions	25.81	13.24	0.00	18.62	0.00	24.31	0.00	2.55	0.00	8.50	0.00	93.03	5.59
	Pumpkins	1.70	6.38	0.00	3.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.90	0.70
	Butternuts	0.00	0.00	0.00	0.00	0.00	172.98	0.00	162.35	0.00	46.75	0.00	382.08	22.65
	Cabbage	151.30	209.10	0.00	608.60	0.00	563.13	0.00	270.30	0.00	153.00	0.00	1955.43	39.62
KARSTLAND	Gem squash	0.00	0.00	0.00	0.00	0.00	8.50	0.00	8.50	0.00	0.00	0.00	17.00	1.00
	Onions	427.98	266.48	161.50	590.75	212.50	376.89	85.00	365.50	0.00	0.00	0.00	2486.59	82.92
	Potatoes	468.35	595.85	0.00	1464.55	0.00	1438.20		493.00	0.00	0.00	0.00	4459.95	118.75
	Pumpkins	0.00	0.00	0.00	5.95	0.00	39.95	0.00	73.95	0.00	56.95	0.00	176.80	55.00
	Butternuts	0.00	0.00	0.00	0.00	0.00	53.13	0.00	40.38	0.00	0.00	0.00	93.50	3.50
	Cabbage	76.50	86.70	0.00	255.85	0.00	163.20	0.00	110.50	0.00	68.00	0.00	760.75	16.30
CENTRAL	Gem squash	0.00	0.00	0.00	6.80	0.00	5.95	0.00	0.00	0.00	0.00	0.00	12.75	1.00
	Onions	150.45	277.95	0.00	530.40	0.00	0.00	0.00	8.50	0.00	0.00	0.00	967.30	21.60
	Potatoes	0.00	0.00	0.00	1062.50	0.00	850.00	0.00	425.00 29.75	0.00	0.00	0.00	2337.50	62.50
	Pumpkins Puttorpute	0.00	0.00	0.00	0.00 111.35	0.00	46.75	0.00	25.50	0.00	0.00 25.50	0.00	76.50 162.35	3.00
	Butternuts	85.00		0.00			0.00	0.00	25.50 34.00			0.00	451.35	6.20
SOUTH AND	Cabbage		111.35	0.00	102.00	0.00	119.00 40.38	0.00	25.50	0.00	0.00 25.50	0.00	451.35 121.98	8.73 3.70
ORANGE RIVER	Gem squash	0.00	0.00 42.50	0.00	30.60 46.75	0.00	129.20	0.00	25.50 151.30	0.00	64.60	0.00	434.35	12.78
	Onions Pumpkins	0.00	0.00	0.00	0.00	0.00	91.80	0.00	68.00	0.00	0.00	0.00	434.35 159.80	4.45
			52	0.00		0.00		0 .00	229	0 .00				4.45 54
	Butternuts	34			279	_	308				72	0	974	
Total expected	Cabbage	485	647	0	1494	0	1017	0	443	0	225	0	4312	99
production	Gem Squash	0 704	0	0	43	0	59	0	34	0	26	0	161	6
tonnage per crop		734	699	162	1169	213	451	85	383	0	9	0	3902	122
per month	Potatoes	468	596	0	2527	0	2713	0	918	0	0	0	7222	196
	Pumpkins	2	6	0	20	0	180	0	173	0	57	0	438	64

Source: NAB, 2021

3. AVAILABILITY OF THE EXPECTED CROPS PER PRODUCERS

Table 3 shows availability of the expected special controlled crops per area, per producer. This table further shows that during the forecasted period, cabbage will be expected to be available in all production areas. Traders are thus advised to contact producers listed in a table below to place their orders.

	Table 3: THE FIVE MON	THS E	EXPE(CTE	O AV	/AILA	BILIT	YC	ALE	NDA	R F	OR 1	ГНЕ	SPE	CIA	AL C	ONT	TRO	LLE	D C	ROP		Butter	nuts	, Cal	bbag	e, Ge	em s	quas	sh, C	nior	ns, F	otat	oes	and	Pum	pkin	ıs)	
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	Contact Person	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	Fumpkins	Butternuts	Cabbage	Gem Squasn	Potatoes	Pumpkins	Butternuts	Cabbage	Gem Squash	Onions	Potatoes	Pumpkins	Butternuts	Cabbage	Gem Squash	Onions	Potatoes	Pumpkins
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	Neels van der Merwe	√												70								● ©)		and the second			The state of the s
37	Ocacious Mungalisa	√	√														1))			Ì							
	Peter Kawana	√	√		((1)			0				(1)				<u>#</u>											
39	Peter T. Erasmus	√	√											70														
_	Phelep Pendukeni	√	√										0)				<u></u>											
	Ricky Kukuri	√	√			(1)			0				0		a		0											
	Sabine Blume & Elke Naude	<u>√</u>	√						0)				37				0									<u> </u>		
	Theopauline Ruiter	<u>√</u>	√			37			37								≠ ©					•	3)					1000
	Uaraa Maombokere	· √	√						0)				0)				0											
	Valerie Lusse	<u>√</u>	√				b										-											
	Willem Shali	<u>√</u>	1	√																								
-	Table Constitution	٧	۲	٧												-											$oldsymbol{}$	

Table 3 continues...

CENTRAL																												
NAME OF PRODUCER	Local informal	local Formal	Export		01-15			16-3	1 0	ct 202	21		Nov-	21	-	[Dec-2	1			•	Jan-	22			Feb	-22	
1 Christie Labuschagne						0				0																		
2 Hagen Horsthmark	$\sqrt{}$															0								0				
3 Johannes Meyer	$\sqrt{}$	√																										
4 John Katjaita	$\sqrt{}$	$\sqrt{}$																										
5 Kashindi Pierre	$\sqrt{}$							0					1	•														
6 Lothar Kollimitz		\checkmark				0				0																		
7 Ludie Kolver	\checkmark		V							0			_					0					(A)					
8 Magnus Kurz	\checkmark	V																		3								
9 MKR Clandara	√	V											1	•														
10 Bertus Pretorius	√	√			(1)			0																				
11 Sem Tangeni Nepando	√	V		9	9			0																				
12 Solomon Nemaire	√	V																										
13 Stefan Gaugler	√	√		9	(1)			(3)																				
14 Stenly Mcloud	$\sqrt{}$	$\sqrt{}$	√			9				0																		
SOUTH AND ORANGE RIVER																												
1 Alisa Nghikwena	√	√						0															0					
2 Burger J. Harmse	√	1																						0	2			
3 Charl Van Rensburg	\checkmark	√								9			~	9														
4 Fanie Louw	√	√																										
5 G.F. Janse van Rensburg	√	√		9	(1)			0																				
6 Hendrik Berg	√	1											1	9			à)										
7 Hentie van Dyk	√	√								0			1	•														
8 Herman van Dyk	$\sqrt{}$	√		9	(1)			0				2				((
9 Isack Tadeus	\checkmark																a											
10 Jean Roux	\checkmark	V														0												
11 Johan Roux	√	V			(1)			0																0				
12 Loius Louw	\checkmark	√											1	•			à)	(in				0					
13 Nestor Shityeni	$\sqrt{}$	V																									0	
14 Rudi Kotze	√	V						0		0		Đ.											0					
15 Ulrich Schneider	√	V																	9									
16 Zirk Jansen	$\sqrt{}$	V								T		è																

Kindly note that, producers who wash potatoes in Namibia includes: Lourens Le Grange in Kavango; Cobus Coetzee, Hannes Arangies, Hansie van der Merwe, Jan Keyser and Loui Smit in the Karst while in central there is Ludie Kolver and Etienne Jooste. All other producers supplies unwashed or brushed potatoes

Source: NAB, 2021

4. EXPECTED PRODUCTION VS DEMAND ANALYSIS

4.1 TABULATION ANALYSIS

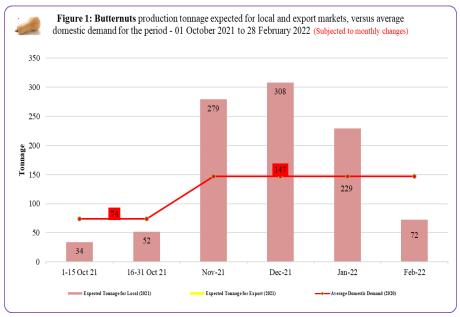
Table 4 below shows that, the total tonnage expected for cabbage and onions will be sufficient to satisfy the domestic market in October 2021. **Table 4** further shows that; butternuts, gem squash, potato and pumpkins are forecasted to be insufficient for the domestic demand in October.

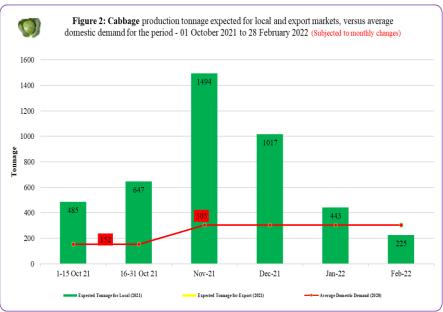
Table 4: ANA	LYSIS OF THE EXPECTED TONNA	GE FOR DO	MESTIC MA	RKET VER	SUS AVER	AGE DOME	STIC DEMA	ND
Numbers in thi	s table represents tonnage				Last	t updated: 20	O September	2021
Special Controlled Crops	Expected Surplus or Shortage	01-15 Oct 2021	16-31 Oct 2021	Nov-21	Dec-21	Jan-22	Feb-22	Total
	Expected for domestic market	34	52	279	308	229	72	940
Butternuts	Average domestic demand	74	74	147	147	147	147	663
	Surplus / shortage	-40	-22	132	161	82	-75	278
	Expected for domestic market	485	647	1494	1017	443	225	3827
Cabbage	Average domestic demand	152	152	305	305	305	305	1371
	Surplus / shortage	333	495	1190	713	138	-79	2456
	Expected for domestic market	0	0	43	59	34	26	161
Gem Squash	Average domestic demand	19	19	37	37	37	37	169
	Surplus / shortage	-19	-19	5	22	-3	-12	-7
	Expected for domestic market	734	699	1169	451	383	9	2710
Onions	Average domestic demand	354	354	708	708	708	708	3184
	Surplus / shortage	380	346	461	-257	-325	-699	-474
	Expected for domestic market	468	596	2527	2713	918	0	6754
Potatoes	Average domestic demand	2,127	2127	4254	4254	4254	4254	19142
	Surplus / shortage	-1659	-1531	-1727	-1541	-3336	-4254	-12388
	Expected for domestic market	2	6	20	180	173	57	438
Pumpkins	Average domestic demand	26	26	52	52	52	52	260
	Surplus / shortage	-24	-20	-32	128	121	5	178

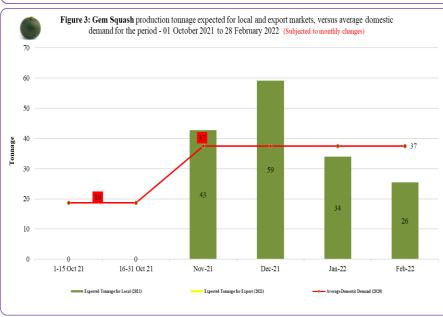
Source: NAB, 2021

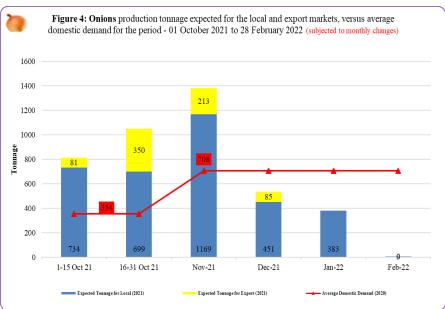
4.2 GRAPHICAL ANALYSIS

Graphical analysis shows the domestic production tonnage expected for the local and export markets as well as the average domestic demand. **Figure 2** and 4 below shows that the projected production tonnage for cabbage and onions reserved for local market is expected to be sufficient in October 2021. Whereas, **figure 1, 3, 5 and 6** shows that butternuts, gem squash, potatoes and pumpkins are expected to be insufficient in the same month (October).

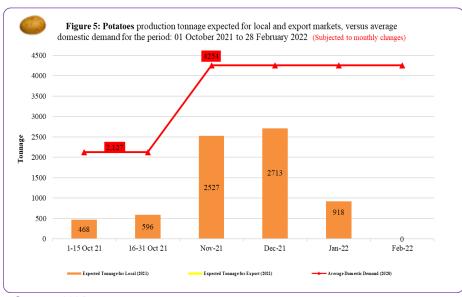


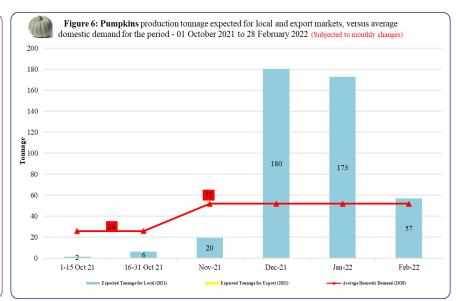






Graphical analysis figures continue...





Source: NAB, 2021

5. CONCLUSIONS AND RECOMMENDATIONS

The report concludes that, there will be **sufficient local supply** of **cabbage** and **onions** in October 2021. Therefore, it is recommended that the **borders be closed** to restrict the importation of these two (2) crops as from **01 to 31 October 2021**. It is further reported that there will be **insufficient local supply** of **butternuts**, **gem squash**, **potatoes** and **pumpkins**. Thus, it is recommended that the **borders be open** to allow importation of butternuts, gem squash, potatoes and pumpkins without restrictions; however, 47% MSP rules shall apply.

Moreover, registered traders are encouraged to buy more of local produced vegetables and ensure compliance to the minimum Market Share Promotion requirements. Traders are therefore advised to contact registered Producers who are expected to harvest these products as per **the availability calendar (table 3)** in this report, to make necessary arrangements for their local purchases.

Conclusively, all vegetable Producers are advised to provide / send their production data to the Horticulture Market Development sub-division within NAB every month in order to ensure that all local vegetable production data are recorded. These data are very crucial as it helps NAB to make informed and sound decisions with regards to the opening and closing of borders to either allow or restrict importation of vegetables whenever there is a local supply shortage or surplus respectively. Producers are further advised to immediately notify NAB in case of deviations from their planting program or in the event of crop failure due to factors beyond their control.

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