



Butternuts



Cabbage



Gem Squash



Onions



Potatoes



Pumpkins



HORTICULTURE: VEGETABLE PRODUCTION FORECAST

REPORT NO. 1

FORECASTED PERIOD:
01 MAY TO 30 SEPTEMBER 2021

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 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 involves sub-product type of special controlled products that does not form part of the special controlled product scheme and can be imported using the mixed fruits and vegetable import permit. The objective of the special controlled product scheme is to stimulate local production of horticultural products in Namibia, as a growth at home strategy implemented by the NAB. Thus, this report discusses the production forecast per production area (table 2), availability of the expected crops per producer (table 3), tabulation (table 4) and graphical (figure 1 to 6) analysis for the expected production versus local demand for this reporting period.

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

Special Controlled Product	INCLUSIONS (Not allowed to be imported, only during open border period). Only imported through the special import permit during open border period.	EXCLUSIONS (Allowed to be imported with no restriction). Imported through mixed fruits and vegetable import permit.
1. Butternuts	All types, size groups and container sizes of fresh, chilled, Whole or Cut Butternut, except the "Exclusions".	Zebra Butternut and Baby Butternut. All frozen, dried, cooked and preserved Butternuts (Whole or Cut).
2. Cabbage	All types, size groups and container sizes of fresh, chilled, Whole or Cut Green Cabbage, except the "Exclusions".	Chinese cabbage, Baby Green Cabbage, Baby Red Cabbage, Mixed Baby Red & Green Cabbage, Large red cabbage, Savoy Cabbage. All frozen, dried, cooked and preserved Cabbage (Whole or Cut).
3. Gem Squash	All types, size groups and container size of fresh, chilled, Whole or Cut Gem Squash, except the "Exclusions".	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 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 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, 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 0°C without the products being frozen.

Cooked: Refers to fruit and vegetables that are cooked by steaming or boiling in water, either whole or in pieces/cuts.

Preserved: Refers to fresh fruit and vegetables soaked in brine or vinegar, or other liquids, either whole or in pieces/cuts.

2. PRODUCTION FORECAST PER AREA

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

Table 2: FIVE MONTHS EXPECTED PRODUCTION PER CROP, PER AREA FOR THE PERIOD: 01 May to 30 September 2021														
Numbers in the table below represents tonnage													Last updated: 19 April 2021	
PRODUCTION AREAS	Special controlled and monitored crops	May-21			Jun-21		Jul-21		Aug-21		Sep-21		Total (for the 5 months period)	
		01-15 May 21 Local	16-31 May 21 Local	01-31 May 21 Export	Local	Export	Local	Export	Local	Export	Local	Export	Yield	Ha to be harvested
ZAMBEZI REGION	Butternuts	3.02	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.15	0.10
	Cabbage	0.00	2.38	0.00	6.38	0.00	0.00	0.00	1.53	0.00	0.00	0.00	10.29	0.23
	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	0.85	0.00	0.00	0.00	6.38	0.00	0.00	0.00	7.23	0.56
	Pumpkins	28.90	29.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.23	2.29
KAVANGO REGIONS	Butternuts	0.00	4.25	0.00	8.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.75	1.00
	Cabbage	0.00	0.00	0.00	10.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.20	0.25
	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	1.28	0.00	0.00	0.00	0.00	0.00	1.28	0.15
	Potatoes	256.02	256.02	0.00	0.00	0.00	510.00	0.00	0.00	0.00	0.00	0.00	1022.04	20.05
NORTH CENTRAL	Butternuts	37.83	51.00	0.00	10.20	0.00	11.90	0.00	0.00	0.00	0.00	0.00	110.93	6.40
	Cabbage	17.85	36.55	0.00	50.15	0.00	46.58	0.00	10.20	0.00	0.00	0.00	161.33	4.52
	Gem squash	0.00	4.25	0.00	4.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.50	0.50
	Onions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Pumpkins	2.55	2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.10	0.30
KARSTLAND	Butternuts	61.20	64.60	0.00	102.85	0.00	42.50	0.00	51.00	0.00	0.00	0.00	322.15	17.50
	Cabbage	8.50	108.80	0.00	232.90	0.00	130.05	0.00	71.40	0.00	62.90	0.00	614.55	14.25
	Gem squash	0.00	0.00	0.00	0.00	0.00	34.00	0.00	29.75	0.00	0.00	0.00	63.75	3.00
	Onions	442.00	518.50	102.00	697.00	355.30	582.25	253.30	654.50	439.45	510.00	269.45	4823.75	108.20
	Potatoes	242.25	467.50	0.00	501.50	0.00	2133.50	340.00	573.75	127.50	595.00	106.25	5087.25	152.00
	Pumpkins	0.00	0.00	0.00	8.50	0.00	25.50	0.00	51.00	0.00	0.00	0.00	85.00	3.50
CENTRAL	Butternuts	27.20	23.80	0.00	3.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.83	2.15
	Cabbage	17.00	46.75	0.00	69.70	0.00	95.20	0.00	42.50	0.00	0.00	0.00	271.15	6.40
	Gem squash	5.10	2.55	0.00	25.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.15	1.30
	Onions	2.55	11.90	0.00	352.75	707.20	402.90	673.20	374.00	673.20	119.00	571.20	3887.90	73.15
	Potatoes	365.50	514.25	0.00	658.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1538.50	43.70
	Pumpkins	12.75	21.25	0.00	3.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.83	1.35
SOUTH AND ORANGE RIVER	Butternuts	59.84	54.49	32.13	84.32	32.13	54.57	32.13	171.87	32.13	270.47	32.13	856.21	27.01
	Cabbage	114.75	153.00	0.00	380.80	38.25	244.80	38.25	93.50	0.00	51.00	0.00	1114.35	25.90
	Gem squash	13.60	13.60	0.00	6.80	22.95	2.55	22.95	2.55	22.95	2.55	22.95	133.45	5.25
	Onions	0.00	0.00	0.00	66.30	0.00	63.75	0.00	29.75	0.00	0.00	0.00	159.80	5.10
	Pumpkins	39.10	35.70	0.00	12.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	87.55	2.70
Total expected production tonnage per crop per month	Butternuts	189	198	32	210	32	109	32	223	32	270	32	1360	54
	Cabbage	158	347	0	750	38	517	38	219	0	114	0	2182	52
	Gem Squash	19	20	0	37	23	37	23	32	23	3	23	239	10
	Onions	445	530	102	1051	1063	986	927	1035	1113	629	841	8720	182
	Potatoes	864	1238	0	1160	0	2644	340	574	128	595	106	7648	216
	Pumpkins	83	95	0	25	0	26	0	51	0	0	0	280	10

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 this reporting period, butternuts are expected to be available in all production areas. Traders are advised to contact these producers to arrange and place their orders on time to avoid delays.





















Table 3: 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 May to 30 September 2021 Last updated: 19 April 2021																																				
Contact Person	Target Market			01-15 May 2021					16-31 May 2021					Jun-21					Jul-21					Aug-21					Sep-21							
	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	Alice Mayumbelo	√	√																																	
2	Cavin Sikalumba	√	√																																	
3	Clemens Makumbi	√	√																																	
4	John Matengu	√	√																																	
5	Jonathan Kamwi	√	√																																	
6	Lasken Kayabu Kayambo	√	√																																	
7	Micheal Mutabelezi	√	√																																	
8	Tendai Mbeha	√	√																																	
KAVANGO																																				
1	Asser Haitewa Siranda	√	√																																	
2	Lourens Le Grange	√	√																																	
3	Lucas Mandema	√	√																																	
4	Pius Kapikara	√	√																																	
5	Ughvungu Vungu GSIP (Ponty)	√	√																																	
NORTH CENTRAL																																				
1	Abisai Amashili	√	√																																	
2	Andreas Ashimbanga	√	√																																	
3	Asser Moses	√	√																																	
4	Erastus Mumbala	√	√																																	
5	Etunda GSIP (Small & medium)	√	√																																	
6	Immanuel Hambia	√	√																																	
7	Innocens Kalola	√	√																																	
8	John Naindjala	√	√																																	
9	Lonia & Abraham Ismael	√	√																																	
10	Paulus Amutenya	√	√																																	
11	Paulus Kapia	√	√																																	
12	Paulus Titus	√	√																																	
13	Rassie Erasmus	√	√																																	

Table 3 continues...

CENTRAL																											
NAME OF PRODUCER	Local Informal	Local Formal	Export	01-15 May 2021				16-31 May 2021				Jun-21			Jul-21			Aug-21			Sep-21						
1	Alfeus Gariseb	√	√																								
2	Andrew Mowes	√	√																								
3	Danie Marais	√	√																								
4	Etienne Jooste	√	√	√																							
5	Grace Katjiuene	√	√																								
6	Johannes M. van Helsdingen	√	√																								
7	Johannes Meyer	√	√																								
8	Katrina Kandjii-Black	√	√																								
9	Lothar Kollimitz	√	√																								
10	Ludie Kolver	√	√	√																							
11	Magnus Kurz	√	√																								
12	Martha Alweendo	√	√																								
13	Sem Tangeni Nepando	√	√																								
14	Stefan Gaugler	√	√																								
15	Stenly Mcloud	√	√	√																							
16	Wylie V. Upi	√	√																								

SOUTH AND ORANGE RIVER																												
1	Abe Olivier	√	√	√																								
2	Burger J. Harmse	√	√																									
3	Charl Van Rensburg	√	√																									
4	Fanie Louw	√	√																									
5	G.F. Janse van Rensburg	√	√																									
6	Hendrik Berg	√	√																									
7	Hentie van Dyk	√	√																									
8	Herman van Dyk	√	√																									
9	Hoekes van Niekerk	√	√																									
10	Jean Roux	√	√																									
11	Jimmy O kennedy	√	√																									
12	Johan Roux	√	√																									
13	Loius Louw	√	√																									
14	Nico van Derwe	√	√																									
15	Rudi Kotze	√	√																									
16	Simon Iiyambula	√	√																									
17	Theresia Kisting	√	√																									
18	Ulrich Schneider	√	√																									
19	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, 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

4. EXPECTED PRODUCTION VS DEMAND ANALYSIS

4.1 TABULATION ANALYSIS

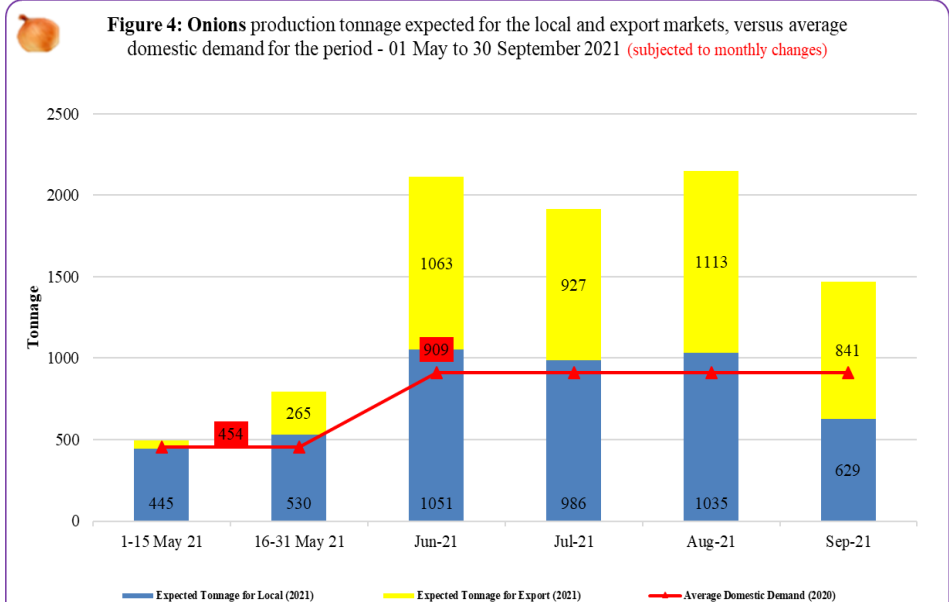
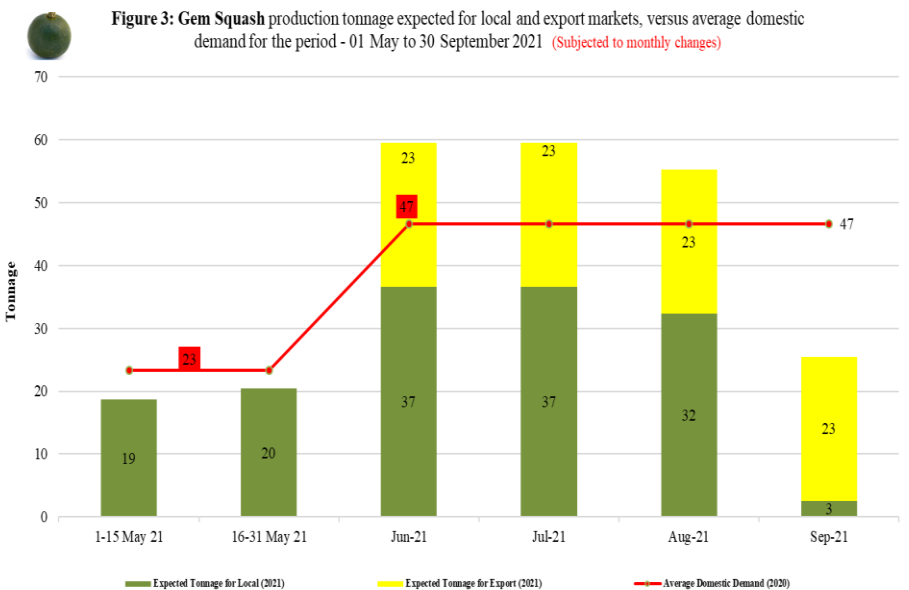
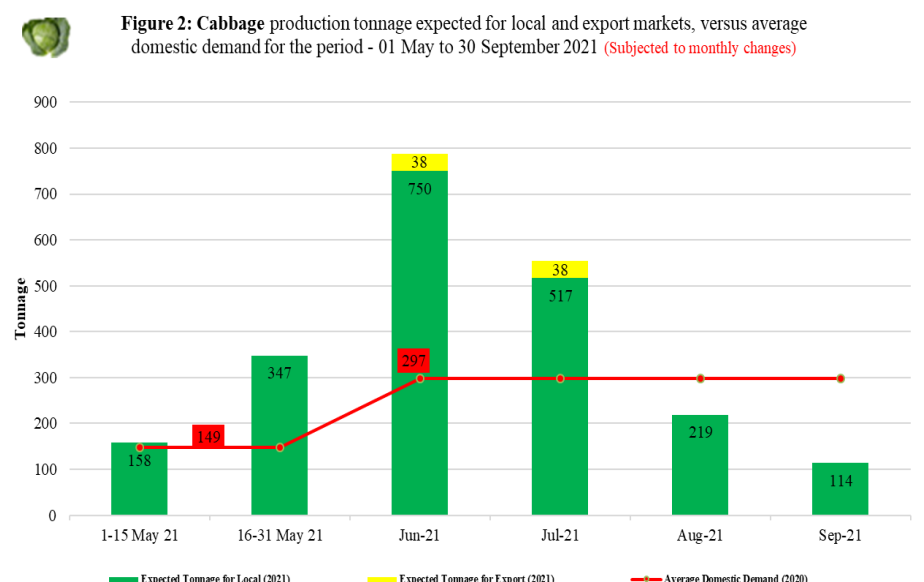
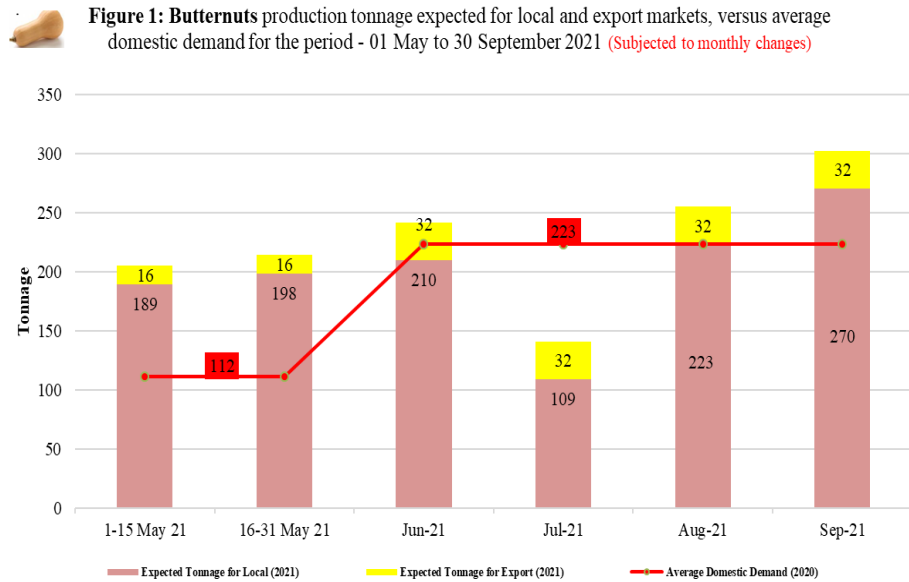
Table 4 below reveals that, the total tonnage expected for butternuts and pumpkins will be sufficient to satisfy the domestic market in May 2021. Table 4 further shows that; gem squash and potatoes are expected to be insufficient throughout this reporting period.

Table 4: ANALYSIS OF THE EXPECTED TONNAGE FOR DOMESTIC MARKET VERSUS AVERAGE DOMESTIC DEMAND								
Numbers in this table represents tonnage					Last updated: 19 April 2021			
Special Controlled Crops	Expected Surplus or Shortage	01-15 May 21	16-30 May 21	Jun-21	Jul-21	Aug-21	Sep-21	Total
Butternuts	Expected for domestic market	189	198	210	109	223	270	1010
	Average domestic demand	112	112	223	223	223	223	1004
	Surplus / shortage	77	87	-14	-114	0	47	6
Cabbage	Expected for domestic market	158	347	750	517	219	114	1947
	Average domestic demand	149	149	297	297	297	297	1337
	Surplus / shortage	10	199	453	219	-78	-183	610
Gem Squash	Expected for domestic market	19	20	37	37	32	3	128
	Average domestic demand	23	23	47	47	47	47	210
	Surplus / shortage	-5	-3	-10	-10	-14	-44	-81
Onions	Expected for domestic market	445	530	1051	986	1035	629	4231
	Average domestic demand	454	454	909	909	909	909	4090
	Surplus / shortage	-10	76	142	77	126	-280	141
Potatoes	Expected for domestic market	864	1238	1160	2644	574	595	6210
	Average domestic demand	2,088	2088	4176	4176	4176	4176	18792
	Surplus / shortage	-1224	-850	-3016	-1533	-3602	-3581	-12582
Pumpkins	Expected for domestic market	83	95	25	26	51	0	280
	Average domestic demand	30	30	60	60	60	60	299
	Surplus / shortage	53	65	-35	-34	-9	-60	-19

Source: NAB, 2021

4.2 GRAPHICAL ANALYSIS

Graphical analysis determines the domestic production tonnage expected for the local and export markets as well as the average domestic demand. **Figure 1 and 6** below shows that the projected production tonnage for butternuts and pumpkins reserved for local market is expected to be sufficient in May 2021. However, **figure 2 and 4** indicate that the country expects a slight surplus of cabbage and slight shortage of onions in the first two weeks of May while **figure 3 and 5** shows that gem squash and potatoes are expected to be insufficient throughout this reporting period.



Graphical analysis figures continue...

