



Butternuts



Cabbage



Gem Squash



Onions



Potatoes



Pumpkins



HORTICULTURE: VEGETABLE PRODUCTION FORECAST

REPORT NO. 1

FORECASTED PERIOD:

01 APRIL TO 31 AUGUST 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.

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 April to 31 August 2021														
Numbers in the table below represents tonnage													Last updated: 18 March 2021	
PRODUCTION AREAS	Special controlled and monitored crops	Apr-21			May-21		Jun-21		Jul-21		Aug-21		Total (for the 5 months period)	
		01-15 Apr 21 Local	16-30 Apr 21 Local	01-30 Apr 21 Export	Local	Export	Local	Export	Local	Export	Local	Export	Yield	Ha to be harvested
ZAMBEZI REGION	Butternuts	1.27	0.00	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.52	0.06
	Cabbage	6.29	8.93	0.00	5.95	0.00	0.00	0.00	1.53	0.00	0.00	0.00	22.70	0.53
	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	20.40	20.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.80	2.00
KAVANGO REGIONS	Butternuts	2.55	2.55	0.00	0.00	0.00	12.75	0.00	0.00	0.00	0.00	0.00	17.85	1.17
	Cabbage	0.00	1.70	0.00	11.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.75	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Potatoes	365.50	361.25	0.00	733.45	0.00	0.00	0.00	510.00	0.00	0.00	0.00	1970.20	45.30
NORTH CENTRAL	Butternuts	48.03	32.73	0.00	81.86	0.00	3.40	0.00	0.00	0.00	0.00	0.00	166.01	9.53
	Cabbage	18.70	31.45	0.00	56.95	0.00	25.50	0.00	0.00	0.00	0.00	0.00	132.60	3.73
	Gem squash	0.00	8.50	0.00	21.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.75	1.75
	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	4.25	1.70	0.00	7.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.60	0.80
KARSTLAND	Butternuts	44.20	52.70	0.00	39.95	0.00	55.25	0.00	0.00	0.00	0.00	0.00	192.10	11.10
	Cabbage	28.05	54.40	0.00	112.20	0.00	135.15	0.00	58.65	0.00	37.40	0.00	425.85	10.80
	Gem squash	4.25	5.10	0.00	3.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.75	0.75
	Onions	0.00	0.00	0.00	535.50	0.00	901.00	692.75	518.50	178.50	637.50	263.50	3727.25	84.20
	Potatoes	0.00	344.25	0.00	1093.95	0.00	382.50	0.00	1487.50	263.50	289.00	51.00	3911.70	107.50
CENTRAL	Butternuts	11.90	28.90	0.00	12.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53.55	2.05
	Cabbage	49.73	75.65	0.00	59.50	0.00	38.25	0.00	38.25	0.00	38.25	0.00	299.63	8.15
	Gem squash	0.00	0.00	0.00	7.65	0.00	25.50	0.00	0.00	0.00	0.00	0.00	33.15	1.30
	Onions	0.00	0.00	0.00	15.30	0.00	483.65	391.00	548.25	357.00	786.25	633.25	3214.70	72.15
	Potatoes	34.00	29.75	0.00	901.00	0.00	531.25	0.00	0.00	0.00	0.00	0.00	1496.00	45.20
SOUTH AND ORANGE RIVER	Butternuts	10.20	10.20	0.00	40.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61.20	1.85
	Butternuts	41.65	41.65	0.00	163.63	32.13	149.77	32.13	120.02	32.13	88.57	32.13	733.81	26.36
	Cabbage	46.75	72.25	0.00	174.25	0.00	140.25	38.25	46.75	38.25	0.00	0.00	556.75	12.50
	Gem squash	10.63	10.63	0.00	12.75	0.00	2.55	22.95	2.55	22.95	2.55	22.95	110.50	4.35
	Onions	0.00	0.00	0.00	0.00	0.00	66.30	0.00	63.75	0.00	29.75	0.00	159.80	5.10
Total expected production tonnage per crop per month	Pumpkins	0.00	4.25	0.00	59.50	0.00	12.75	0.00	0.00	0.00	0.00	0.00	76.50	3.00
	Butternuts	150	159	0	298	32	221	32	120	32	89	32	1165	50
	Cabbage	150	244	0	420	0	339	38	145	38	76	0	1450	36
	Gem Squash	15	24	0	45	0	28	23	3	23	3	23	186	8
	Onions	0	0	0	551	0	1385	1084	1067	536	1424	897	6942	156
	Potatoes	400	735	0	2728	0	914	0	1998	264	289	51	7378	198
Pumpkins	43	45	0	108	0	13	0	0	0	0	0	209	9	

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 April to 31 August 2021 Last updated: 18 March 2021																																				
Contact Person	Target Market			01-15 April 2021						16-30 April 2021					May-21					Jun-21					Jul-21					Aug-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	Kamwi Lubanda	√	√																																	
5	Laimi Likando	√	√																																	
6	Lasken Kayabu Kayambo	√	√																																	
7	Micheal Mutebelezi	√	√																																	
KAVANGO																																				
1	Asser Haitewa Siranda	√	√																																	
2	Blandine Meesher Nangombe	√	√																																	
3	Hendrick Locke	√	√																																	
4	Lourens Le Grange	√	√																																	
5	Lucas Mandema	√	√																																	
6	Ughvungu Vungu GSIP (Ponty)	√	√																																	
NORTH CENTRAL																																				
1	Abisai Amashili	√	√																																	
2	Akathigo Kapuka	√	√																																	
3	Andreas Ashimbanga	√	√																																	
4	Asser Moses	√	√																																	
5	Elifas Nuuyoma	√	√																																	
6	Elkan Mangundu	√	√																																	
7	Emily Naunyangongo	√	√																																	
8	Epafra Hilengwa	√	√																																	
9	Erastus Mumbala	√	√																																	
10	Etunda GSIP (Small & medium)	√	√																																	
11	Etunda GSIP (Commercial)	√	√																																	

Table 3 continues...

4. EXPECTED PRODUCTION VS DEMAND ANALYSIS

4.1 TABULATION ANALYSIS

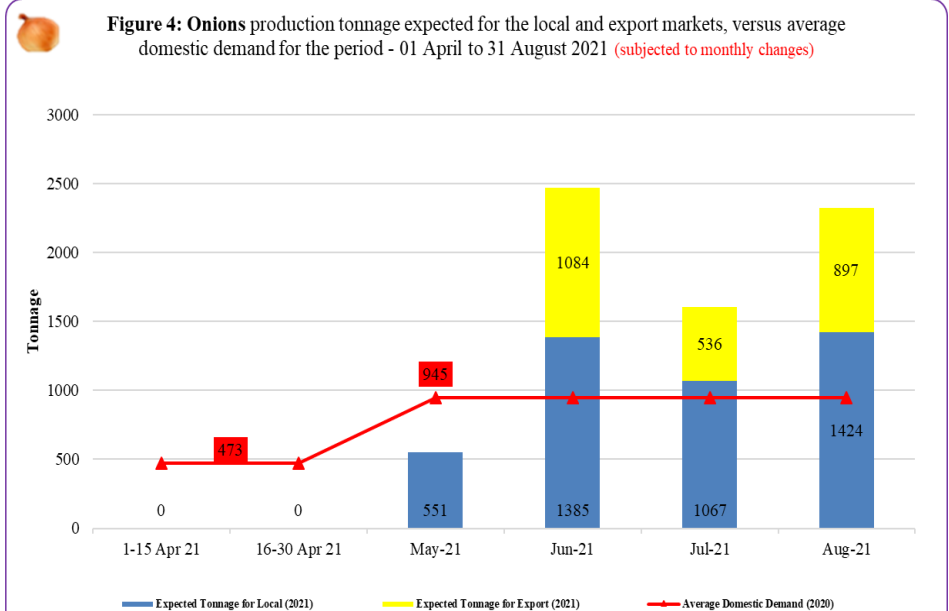
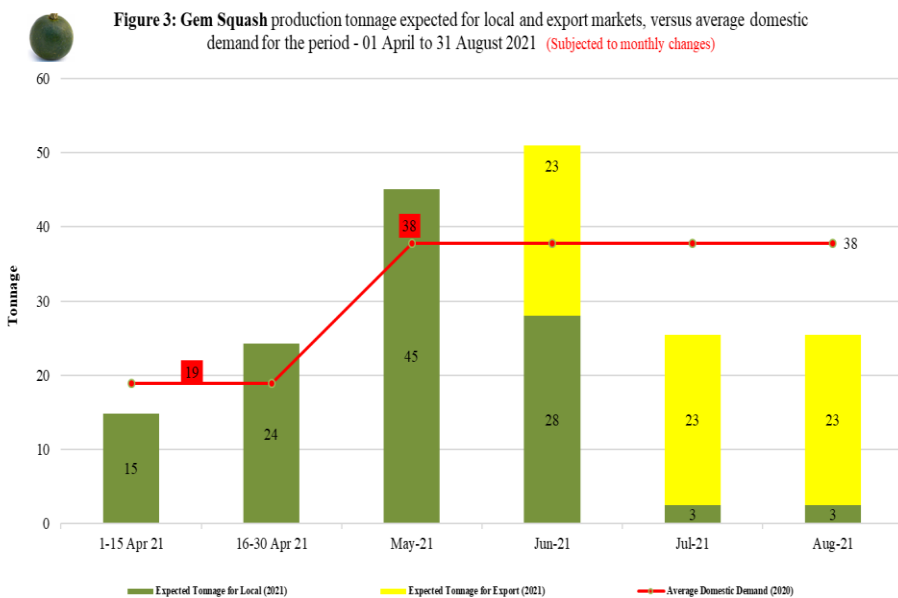
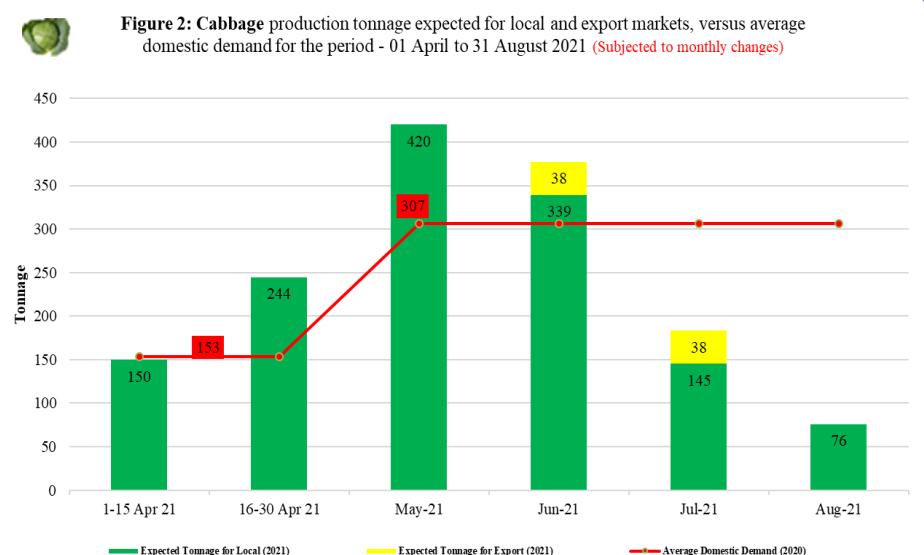
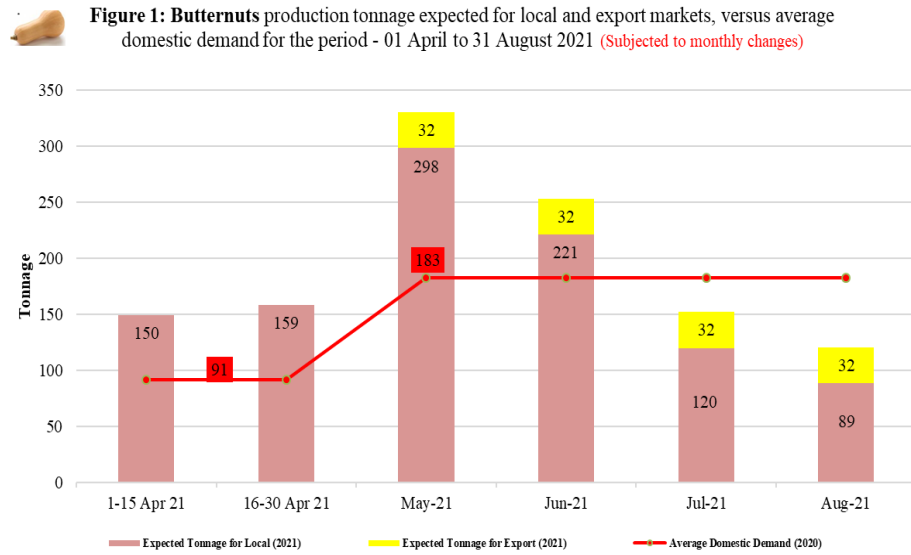
Table 4 below reveals that, the total tonnage expected for butternuts and pumpkins will be sufficient to satisfy the domestic demand in April and May 2021. Table 4 further shows that; cabbage and gem squash are expected to be insufficient in the first two weeks of April while onions and potatoes are expected to be insufficient throughout April and May 2021.

Table 4: ANALYSIS OF THE EXPECTED TONNAGE FOR DOMESTIC MARKET VERSUS AVERAGE DOMESTIC DEMAND								
Numbers in this table represents tonnage					Last updated: 18 March 2021			
Special Controlled Crops	Expected Surplus or Shortage	01-15 April 21	16-30 April 21	May-21	Jun-21	Jul-21	Aug-21	Total
Butternuts	Expected for domestic market	150	159	298	221	120	89	887
	Average domestic demand	91	91	183	183	183	183	822
	Surplus / shortage	58	67	116	38	-63	-94	65
Cabbage	Expected for domestic market	150	244	420	339	145	76	1224
	Average domestic demand	153	153	307	307	307	307	1379
	Surplus / shortage	-4	91	113	33	-161	-231	-155
Gem Squash	Expected for domestic market	15	24	45	28	3	3	102
	Average domestic demand	19	19	38	38	38	38	170
	Surplus / shortage	-4	5	7	-10	-35	-35	-68
Onions	Expected for domestic market	0	0	551	1385	1067	1424	4426
	Average domestic demand	473	473	945	945	945	945	4254
	Surplus / shortage	-473	-473	-394	439	122	479	172
Potatoes	Expected for domestic market	400	735	2728	914	1998	289	6664
	Average domestic demand	2,055	2055	4110	4110	4110	4110	18496
	Surplus / shortage	-1656	-1320	-1382	-3196	-2113	-3821	-11832
Pumpkins	Expected for domestic market	43	45	108	13	0	0	209
	Average domestic demand	33	33	66	66	66	66	328
	Surplus / shortage	11	12	42	-53	-66	-66	-119

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 April to May 2021. However, **figure 2 and 3** indicate that the country expects a shortage of cabbage and gem squash in the first two weeks of April while **figure 4 and 5** shows that onions and potatoes are expected to be insufficient in April to May given that the average domestic demand is above the local expected tonnage.



Graphical analysis figures continue...

