



Butternuts



Cabbage



Gem Squash



Onions



Potatoes



Pumpkins



HORTICULTURE: VEGETABLE PRODUCTION FORECAST

REPORT NO. 1

FORECASTED PERIOD:

01 JULY TO 30 NOVEMBER 2021

Agronomy and Horticulture Market Development Division
Horticulture Market Development Subdivision

Enquiries: Suoma Kashima

Cell: +264812484194

Email: Suoma.Kashima@nab.com.na

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 July to 30 November 2021														
Numbers in the table below represents tonnage													Last updated: 18 June 2021	
PRODUCTION AREAS	Special controlled and monitored crops	Jul-21			Aug-21		Sep-21		Oct-21		Nov-21		Total (for the 5 months period)	
		01-15 July 21 Local	16-31 July 21 Local	01-30 July 21 Export	Local	Export	Local	Export	Local	Export	Local	Export	Yield	Ha to be harvested
ZAMBEZI REGION	Butternuts	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
	Cabbage	17.87	12.90	0.00	16.07	0.00	13.94	0.00	0.00	0.00	0.00	0.00	60.78	2.01
	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	0.46	0.04	0.00	9.66	0.00	4.46	0.00	18.70	0.00	0.00	0.00	33.32	1.53
	Pumpkins	2.47	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.68	0.09
KAVANGO REGIONS	Butternuts	12.33	10.37	0.00	11.48	0.00	14.03	0.00	0.00	0.00	0.00	0.00	48.20	3.75
	Cabbage	23.95	44.49	0.00	109.95	0.00	15.11	0.00	43.78	0.00	0.00	0.00	237.28	7.10
	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	1.11	376.98	0.00	2.98	0.00	30.60	0.00	10.67	0.00	53.55	0.00	475.87	14.79
	Potatoes	51.00	46.75	0.00	80.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	178.50	60.00
	Pumpkins	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORTH CENTRAL	Butternuts	20.43	34.94	0.00	13.77	0.00	49.98	0.00	0.00	0.00	0.00	0.00	119.11	8.89
	Cabbage	91.89	124.53	0.00	197.54	0.00	168.73	0.00	28.90	0.00	8.50	0.00	620.08	17.31
	Gem squash	0.00	7.65	0.00	7.48	0.00	5.78	0.00	3.40	0.00	0.00	0.00	24.31	2.41
	Onions	0.00	5.27	0.00	21.30	0.00	19.76	0.00	13.43	0.00	9.86	0.00	69.62	7.10
	Pumpkins	0.00	0.00	0.00	0.00	0.00	15.47	0.00	15.47	0.00	0.00	0.00	30.94	2.80
KARSTLAND	Butternuts	34.85	34.85	0.00	42.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	112.20	5.10
	Cabbage	80.33	138.98	0.00	240.55	0.00	152.15	0.00	0.00	0.00	0.00	0.00	612.00	14.25
	Gem squash	21.25	21.25	0.00	21.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.75	3.00
	Onions	578.00	637.50	348.50	943.50	306.00	722.50	110.50	552.50	0.00	569.50	0.00	4768.50	110.90
	Potatoes	698.70	703.80	0.00	1423.75	85.00	1632.00	85.00	828.75	0.00	318.75	0.00	5775.75	183.00
	Pumpkins	26.35	26.35	0.00	25.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.20	3.20
CENTRAL	Butternuts	23.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.80	1.08
	Cabbage	123.25	131.75	0.00	242.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	497.25	11.28
	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	161.50	159.80	656.20	379.95	673.20	385.90	673.20	182.75	571.20	131.75	571.20	4546.65	85.50
	Potatoes	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	25.50	21.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.75	1.33
SOUTH AND ORANGE RIVER	Butternuts	65.54	101.24	32.13	186.32	32.13	259.42	32.13	255.85	0.00	170.85	0.00	1135.60	35.41
	Cabbage	216.33	207.83	38.25	261.80	0.00	123.25	0.00	38.25	0.00	0.00	0.00	885.70	18.70
	Gem squash	2.55	2.04	41.31	4.59	41.31	4.59	41.31	4.59	41.31	0.00	0.00	183.60	7.20
	Onions	23.38	27.63	0.00	48.45	0.00	20.40	0.00	52.70	0.00	0.00	0.00	172.55	6.15
	Pumpkins	68.00	31.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99.45	2.30
Total expected production tonnage per crop per month	Butternuts	157	181	32	254	32	323	32	256	0	171	0	1439	54
	Cabbage	554	660	38	1068	0	473	0	111	0	9	0	2913	71
	Gem Squash	24	31	41	33	41	10	41	8	41	0	0	272	13
	Onions	741	1180	1005	1357	979	1163	784	778	571	765	571	9894	220
	Potatoes	750	751	0	1505	85	1632	85	829	0	319	0	5954	243
	Pumpkins	122	79	0	26	0	15	0	15	0	0	0	258	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 the forecasted period, cabbage will be expected to be available in all production areas. Traders are thus advised to contact these producers to place their orders.










































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 July to 30 November 2021 Last updated: 18 June 2021																																							
Contact Person	Target Market			01-15 Jul 2021						16-31 Jul 2021						Aug-21						Sep-21						Oct-21						Nov-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	Benedict Musialike	✓	✓																																				
2	Bernard M. Silwabubi	✓	✓																																				
3	Bernard Sitali	✓	✓																																				
4	Cavin Sikalumba	✓	✓																																				
5	Clemens Makumbi	✓	✓																																				
6	Clement Mulyokela	✓	✓																																				
7	David Muluti	✓	✓																																				
8	Davis Mushitu	✓	✓																																				
9	Elina Kalundu	✓	✓																																				
10	Elina Libuku	✓	✓																																				
11	Eustace Mujohn	✓	✓																																				
12	Fabian Sisamu	✓	✓																																				
13	George Nalisa	✓	✓																																				
14	Hans Matiti	✓	✓																																				
15	Hidden Kabula	✓	✓																																				
16	John Mubila Musilizo	✓	✓																																				
17	Micheal Mutabelezi	✓	✓																																				
18	Moddest Kakula	✓	✓																																				
19	Molly M. Mulife	✓	✓																																				
20	Mwiya Annoscah	✓	✓																																				
21	Nanvula Lilungwe	✓	✓																																				
22	Paul Pitiya	✓	✓																																				
23	Petrus Njamba	✓	✓																																				
24	Rector Mutelo	✓	✓																																				
25	Regina Mayumbelo	✓	✓																																				
26	Richard Nyambe	✓	✓																																				
27	Simasiku Songah	✓	✓																																				
28	Silinda Dorothy	✓	✓																																				

Table 3 continues...

KAVANGO																																		
Contact Person		Local Informal	Local Formal	Export	01-15 Jul 2021					16-31 Jul 2021					Aug-21					Sep-21					Oct-21					Nov-21				
1	Agatha Muronga	✓	✓																															
2	Agnes Kudumo	✓	✓																															
3	Andrew Kashera	✓	✓																															
4	Angelika Kavaleka	✓	✓																															
5	Annamarie Shipapo	✓	✓																															
6	Augustinus Poroto	✓	✓																															
7	Auleria Aron	✓	✓																															
8	Eunike Andreas	✓	✓																															
9	Henrick Locke	✓	✓																															
10	Johannes Hamutenya	✓	✓																															
11	Juakina Andreas	✓	✓																															
12	Kamanga Thitoya	✓	✓																															
13	Laurentia Nkandanga	✓	✓																															
14	Mukwangu Jonathan	✓	✓																															
15	Nangolo Henock Katanga	✓	✓																															
16	Ndongalinena GSIP (SSF)	✓	✓																															
17	Raphael Kampanza	✓	✓																															
18	Shandikongoro GSIP (SSF)	✓	✓																															
19	Sikondo GSIP (Commercial)	✓	✓																															
20	Thadeus Mushambe	✓	✓																															
21	Theresia Ambrosius	✓	✓																															
22	Thikusho Manfred	✓	✓																															
23	Ughvungu Vungu GSIP	✓	✓																															
24	Virginia Mukoya	✓	✓																															
NORTH CENTRAL																																		
1	Abner Negonga	✓	✓																															
2	Albertus Viljoen	✓	✓																															
3	Andreas Ashimbanga	✓	✓																															
4	Andreas Shihepo	✓	✓																															
5	Antonius lipwakena	✓	✓																															
6	Assery Moses	✓	✓																															
7	Elifas Keendjele	✓	✓																															
8	Elifas Nuuyoma	✓	✓																															
9	Elise Awino	✓	✓																															
10	Emillie Marais	✓	✓																															
11	Emilie Naunyango	✓	✓																															

Table 3 continues...







































































































KARSTLAND																																		
Contact Person		Local Informal	Local Formal	Export	01-15 Jul 2021					16-31 Jul 2021					Aug-21					Sep-21					Oct-21					Nov-21				
1	Alfeus Angula	✓	✓																															
2	Cobus Coetzee	✓	✓	✓																														
3	C.J von Mollendorff	✓	✓	✓																														
4	Dawid Bisschoff	✓	✓																															
5	De Wet Steven Robinson	✓	✓																															
6	Eandro Lottering	✓	✓	✓																														
7	Elke Naude	✓	✓																															
8	Elizabeth & Erick van Druten	✓	✓																															
9	Etuna Nashima	✓	✓																															
10	Fanuel Uugwanga	✓	✓																															
11	Gerrit Cilliers	✓	✓																															
12	H. van Eeden	✓	✓	✓																														
13	Hagen Frenzel	✓	✓	✓																														
14	Hennie Kruger	✓	✓	✓																														
15	J.A Cloete	✓	✓																															
16	Jan Cronje	✓	✓	✓																														
17	Jan Keyser	✓	✓	✓																														
18	JM van der Merwe (Hansie)	✓	✓	✓																														
19	LM Potgieter	✓	✓																															
20	Louis Smit	✓	✓	✓																														
21	Louis Du Plessis	✓	✓	✓																														
22	Ludie Kolver	✓	✓																															
23	Ludwig Kapinga	✓	✓																															
24	Magano Kapia	✓	✓																															
25	Mark von Maltzahl	✓	✓																															
26	Ndelitungapo Ndaitwah	✓	✓																															
27	Neels van der Merwe	✓	✓																															
28	Pendafule Hellao	✓	✓																															
29	Peter Goetttert	✓	✓																															
30	Peter Kawana	✓	✓																															
31	Peter T. Erasmus	✓	✓																															
32	Phelep Pendukeni	✓	✓																															
33	Uaraa Maombokere	✓	✓																															
34	Willem Shali	✓	✓	✓																														

Table 3 continues...

CENTRAL																																								
	Contact Person	Local Informal	Local Formal	Export	01-15 Jul 2021						16-31 Jul 2021						Aug-21						Sep-21						Oct-21						Nov-21					
1	Alfeus Gariseb	✓	✓																																					
2	Bertus Pretorius	✓	✓																																					
3	Christie Labuschagne	✓	✓																																					
4	Danie Marais	✓	✓																																					
5	Erenfriede Mbaha	✓	✓																																					
6	Grace Katjiuene	✓	✓																																					
7	Johannes M. van Helsdingen	✓	✓																																					
8	Johannes Meyer	✓	✓																																					
9	Lothar Kollimitz	✓	✓																																					
10	Ludie Kolver	✓	✓	✓																																				
11	Magnus Kurz	✓	✓																																					
12	MKR Clandara	✓	✓																																					
13	Mushwena Roy	✓	✓																																					
14	Sem Tangeni Nepando	✓	✓																																					
15	Stefan Gaugler	✓	✓																																					
16	Stenly Mcloud	✓	✓	✓																																				

SOUTH AND ORANGE RIVER																																					
1	Abe Olivier	✓	✓																																		
2	Alisa Nghikwena	✓	✓																																		
3	Charl Van Rensburg	✓	✓																																		
4	Given Bock	✓	✓																																		
5	G.F. Janse van Rensburg	✓	✓																																		
6	Hendrik Berg	✓	✓																																		
7	Hentie van Dyk	✓	✓																																		
8	Herman van Dyk	✓	✓																																		
9	Hoekes van Niekerk	✓	✓																																		
10	Isack Tadeus	✓	✓																																		
11	Jean Roux	✓	✓																																		
12	Johan Roux	✓	✓																																		
13	Jones Nghishimwe	✓	✓																																		
14	Kirk Bassingthwaighte	✓	✓																																		
15	Loius Louw	✓	✓																																		
16	Nico van Derwe	✓	✓																																		
17	Rudi Kotze	✓	✓																																		
18	Theresia Kisting	✓	✓																																		

SOUTH AND ORANGE RIVER

1	Abe Olivier	✓	✓																																				
2	Alisa Nghikwena	✓	✓																																				
3	Charl Van Rensburg	✓	✓																																				
4	Given Bock	✓	✓																																				
5	G.F. Janse van Rensburg	✓	✓																																				
6	Hendrik Berg	✓	✓																																				
7	Hentie van Dyk	✓	✓																																				
8	Herman van Dyk	✓	✓																																				
9	Hoekes van Niekerk	✓	✓																																				
10	Isack Tadeus	✓	✓																																				
11	Jean Roux	✓	✓																																				
12	Johan Roux	✓	✓																																				
13	Jones Nghishimwe	✓	✓																																				
14	Kirk Bassingthwaighe	✓	✓																																				
15	Loius Louw	✓	✓																																				
16	Nico van Derwe	✓	✓																																				
17	Rudi Kotze	✓	✓																																				
18	Theresia Kisting	✓	✓																																				
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

Source: NAB, 2021

4. EXPECTED PRODUCTION VS DEMAND ANALYSIS

4.1 TABULATION ANALYSIS

Table 4 below shows that, the total tonnage expected for butternuts, cabbage, onions and pumpkins will be sufficient to satisfy the domestic market in July month. **Table 4** further shows that, potato is forecasted 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: 18 June 2021			
Special Controlled Crops	Expected Surplus or Shortage	01-15 Jul 2021	16-31 Jul 021	Aug-21	Sep-21	Oct-21	Nov-21	Total
Butternuts	Expected for domestic market	157	181	254	323	256	171	1186
	Average domestic demand	107	107	214	214	214	214	964
	Surplus / shortage	50	74	40	109	42	-43	222
Cabbage	Expected for domestic market	554	660	1068	473	111	9	2321
	Average domestic demand	215	215	430	430	430	430	1935
	Surplus / shortage	339	445	638	43	-319	-422	386
Gem Squash	Expected for domestic market	24	31	33	10	8	0	83
	Average domestic demand	22	22	44	44	44	44	198
	Surplus / shortage	2	9	-11	-34	-36	-44	-116
Onions	Expected for domestic market	741	1180	1357	1163	778	765	5243
	Average domestic demand	369	369	738	738	738	738	3321
	Surplus / shortage	372	811	619	425	40	27	1922
Potatoes	Expected for domestic market	750	751	1505	1632	829	319	5035
	Average domestic demand	2,128	2128	4257	4257	4257	4257	19156
	Surplus / shortage	-1379	-1378	-2752	-2625	-3428	-3938	-14121
Pumpkins	Expected for domestic market	122	79	26	15	15	0	258
	Average domestic demand	26	26	53	53	53	53	264
	Surplus / shortage	96	53	-27	-37	-37	-53	-6

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 1, 2, 4 and 6** below shows that the projected production tonnage for butternuts, cabbage, onions and pumpkins reserved for local market is expected to be sufficient in July 2021. Whereas, **figure 5** shows that potatoes are expected to be insufficient throughout this reporting period.



Figure 1: Butternuts production tonnage expected for local and export markets, versus average domestic demand for the period - 01 July to 30 November 2021 (Subjected to monthly changes)

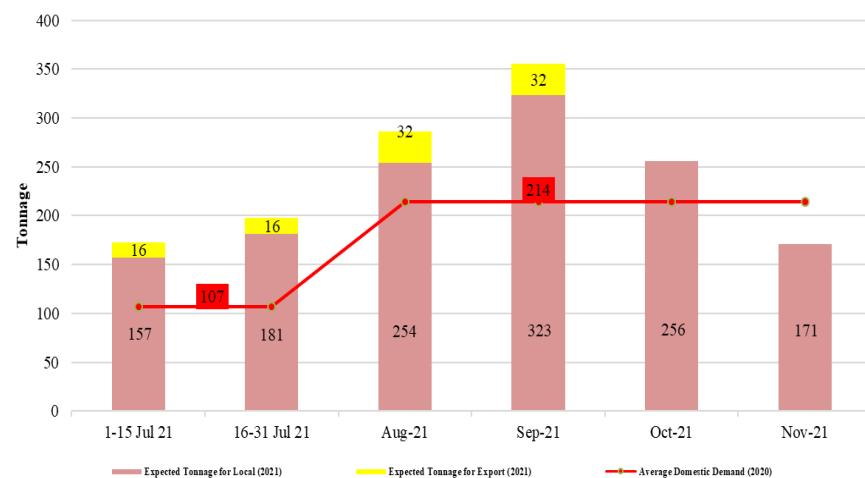


Figure 2: Cabbage production tonnage expected for local and export markets, versus average domestic demand for the period - 01 July to 30 November 2021 (Subjected to monthly changes)

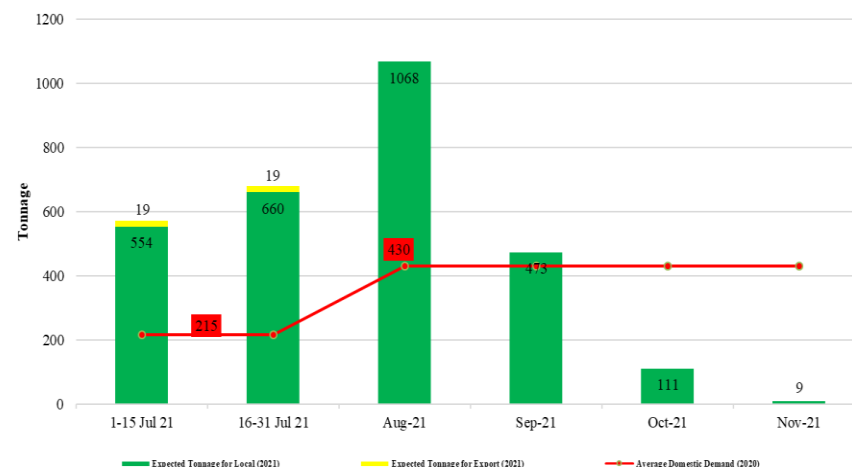


Figure 3: Gem Squash production tonnage expected for local and export markets, versus average domestic demand for the period - 01 July to 30 November 2021 (Subjected to monthly changes)

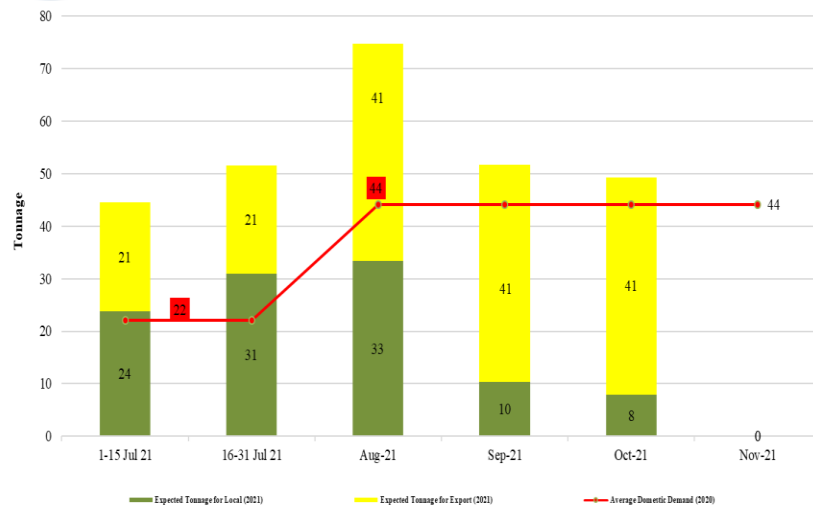
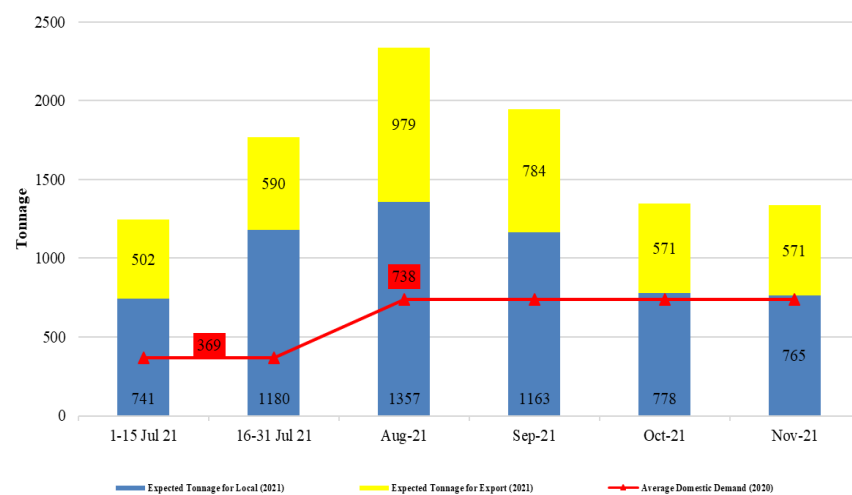


Figure 4: Onions production tonnage expected for the local and export markets, versus average domestic demand for the period - 01 July to 30 November 2021 (subjected to monthly changes)



Tonnage



Tonnage

[illegible]