



Colored Pepper



Tomato Round



Tomato Jam



Carrot



Green Pepper



Pumpkin



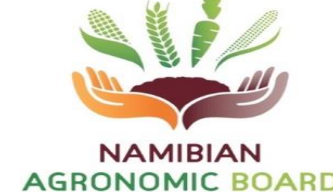
Spinach



Sweet corn



Mushroom



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## HORTICULTURE: PRODUCT PRODUCTION FORECAST

### REPORT NO.2

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**FORECASTED PERIOD:**

**01 FEBRUARY 2021 TO 30 JUNE 2021**

**Agronomy and Horticulture Market Development  
Division**

**Horticulture Market Development Subdivision**

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## 1. INTRODUCTION

**Report no. 2**, covers the local production forecast for the four special controlled products i.e. **Tomato (Round & Jam), Green Pepper, Carrot, Sweetcorn and Pumpkin** as well as the three (3) monitored crops i.e. **Spinach, Mushroom and Colored Pepper**. 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. Monitored crops are those horticultural crops whose production is closely monitored, and have the greatest potential to be converted as special controlled products in the future. 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 1A). 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 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.

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

Product	Inclusions	Exclusions
1.Tomato	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, Rigoletto, and Medley mix, etc. All colours.
2.Green Pepper	All size groups and container size of Green Pepper, except the “Exclusions”.	Red Pepper, Yellow Pepper, and Orange Pepper, Peppers mix, etc.
3. 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. 3. Pumpkins - All types.	Red, Purple, White, Black, and Yellow Fleshed Carrots.
4. Pumpkin	All types, size groups and container size of fresh/chilled whole or cut pumpkins.	All frozen, prepared or preserved pumpkins.

**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 1:** revealed that, Carrots, tomatoes round, and Pumpkins are the top commodities with high expected tonnages during the reporting period. Also, Karst area is leading in Jam tomato production, followed by Central area. Detailed information for expected production per crop per production zone are shown in the Table 1 below.

Table 1A: EXPECTED PRODUCTION OF SPECIAL CONTROLLED PRODUCTS PER CROP PER AREA															
		Numbers in the table below represents tonnage													
PRODUCTION AREA	CROP	01-15 Feb 21		16-28 Feb 21		Mar-21		Apr-21		May-21		Jun-21		Totals	
		Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Expected tonnage	Hectares planted
ZAMBEZI	Tomato Round	3.2	0.0	1.9	0.0	2.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	7.3	0.4
	Tomato Jam	1.2	0.0	1.6	0.0	1.9	0.0	1.4	0.0	1.5	0.0	0.0	0.0	7.6	0.2
	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
	Green Pepper	0.5	0.0	0.5	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.2
	Pumpkin	0.6	0.0	0.0	0.0	0.0	0.0	44.0	0.0	0.0	0.0	0.0	0.0	44.6	1.2
KAVANGO	Tomato Round	3.0	0.0	3.0	0.0	1.0	0.0	13.8	0.0	13.8	0.0	0.0	0.0	34.5	0.9
	Tomato Jam	8.8	0.0	8.8	0.0	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.3	0.9
	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
	Green Pepper	0.5	0.0	0.5	0.0	1.1	0.0	1.3	0.0	1.0	0.0	1.0	0.0	5.5	0.5
	Pumpkin	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	10.0	0.3
NORTH CENTRAL	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	1.3	0.0	6.3	0.0	43.7	0.0	37.0	0.0	10.0	0.0	0.0	0.0	98.2	3.2
	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
	Green Pepper	2.5	0.0	3.4	0.0	7.9	0.0	7.9	0.0	6.2	0.0	0.0	0.0	27.8	1.2
	Pumpkin	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	4.0	0.0	0.0	0.0	6.2	0.3

*Table 1A continued..*

KARST	Tomato Round	65.2	0.0	65.2	0.0	105.4	0.0	105.0	0.0	129.0	0.0	92.0	0.0	561.7	15.0
	Tomato Jam	23.3	0.0	21.9	0.0	14.9	0.0	13.9	0.0	85.3	0.0	36.2	0.0	195.5	8.6
	Carrot	367.5	0.0	367.5	0.0	685.0	0.0	655.0	0.0	635.0	0.0	635.0	0.0	3345.0	82.0
	Green Pepper	42.6	0.0	42.6	0.0	96.7	0.0	66.2	0.0	63.7	0.0	50.7	0.0	362.4	10.9
	Pumpkin	69.3	0.0	69.3	0.0	97.5	0.0	7.5	0.0	7.5	0.0	7.5	0.0	258.5	10.0
CENTRAL	Tomato Round	77.8	0.0	77.8	0.0	114.1	0.0	96.1	0.0	25.6	0.0	20.0	0.0	411.3	11.0
	Tomato Jam	20.8	0.0	20.8	0.0	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.3	1.5
	Carrot	28.0	0.0	28.0	0.0	40.0	0.0	30.0	0.0	30.0	0.0	0.0	0.0	156.0	5.2
	Green Pepper	43.0	0.0	43.0	0.0	22.3	0.0	4.0	0.0	4.0	0.0	1.0	0.0	117.3	4.4
	Pumpkin	52.5	0.0	52.5	0.0	125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	230.0	5.0
SOUTH AND ORANGE RIVER	Tomato Round	28.1	0.0	28.1	0.0	56.3	0.0	12.5	0.0	0.0	0.0	0.0	0.0	125.0	11.0
	Tomato Jam	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
	Carrot	10.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.5
	Green Pepper	3.8	0.0	3.8	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	1.0
	Pumpkin	30.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	1.1
Total expected per crop per month	Tomato Round	177.3	0.0	176.0	0.0	278.7	0.0	227.6	0.0	168.4	0.0	112.0	0.0	1139.9	38.2
	Tomato Jam	55.4	0.0	59.5	0.0	82.7	0.0	52.3	0.0	96.8	0.0	36.2	0.0	382.8	14.3
	Carrot	405.5	0.0	405.5	0.0	725.0	0.0	685.0	0.0	665.0	0.0	635.0	0.0	3521.0	87.7
	Green Pepper	92.9	0.0	93.8	0.0	136.5	0.0	79.4	0.0	74.9	0.0	52.7	0.0	530.0	18.1
	Pumpkin	152.3	0.0	141.8	0.0	222.5	0.0	63.7	0.0	11.5	0.0	7.5	0.0	599.3	17.9

























































Source: NAB,2021

Table 1B: EXPECTED PRODUCTION OF MONITORED PRODUCTS PER CROP PER AREA													
PRODUCTION AREA	CROP												
		Feb-21		Mar-21		Apr-21		May-21		Jun-21		Totals	
		Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Expected tonnage	Hectares planted
ZAMBEZI	Spinach	0.2		0.2		0.0		0.0		0.0		0.4	0.1
	Sweet Corn	0.0		0.0		0.0		0.0		0.0		0.0	0.0
	Colored Pepper	0.0		0.0		0.0		0.0		0.0		0.0	0.0
	Mushroom	0.0		0.0		0.0		0.0		0.0		0.0	0.0
KAVANGO	Spinach	0.0		0.0		0.0		0.0		0.0		0.0	0.0
	Sweet Corn	0.0		0.0		0.0		0.0		0.0		0.0	0.0
	Colored Pepper	0.0		0.0		0.0		0.0		0.0		0.0	0.0
	Mushroom	0.0		0.0		0.0		0.0		0.0		0.0	0.0
NORTH CENTRAL	Spinach	0.3		0.3		0.2		0.2		0.2		1.1	1.0
	Sweet Corn	1.2		0.0		0.0		0.0		0.0		1.2	0.0
	Colored Pepper	0.0		0.0		0.0		0.0		0.0		0.0	0.0
	Mushroom	0.0		0.0		0.0		0.0		0.0		0.0	0.0
KARST	Spinach	6.1		6.1		6.1		6.1		6.1		30.6	3.4
	Sweet Corn	66.5		66.5		66.5		66.5		66.5		332.5	45.0
	Colored Pepper	4.0		4.0		4.0		4.0		4.0		20.0	0.8
	Mushroom	0.0		0.0		0.0		0.0		0.0		0.0	0.0
CENTRAL	Spinach	41.7		31.2		12.6		9.6		9.0		104.2	11.6
	Sweet Corn	9.0		9.0		0.0		0.0		0.0		18.0	1.0
	Colored Pepper	28.4		13.4		13.4		9.4		5.8		70.6	2.8
	Mushroom	8.8		8.8		12.8		12.8		12.8		55.8	0.7
SOUTH AND ORANGE RIVER	Spinach	0.0		0.0		0.0		0.0		0.0		0.0	0.0
	Sweet Corn	0.0		0.0		0.0		0.0		0.0		0.0	0.0
	Colored Pepper	0.0		0.0		0.0		0.0		0.0		0.0	0.0
	Mushroom	0.0		0.0		0.0		0.0		0.0		0.0	0.0
Total expected per crop per month	Spinach	48.3	0.0	37.8	0.0	18.9	0.0	15.9	0.0	15.3	0.0	136.3	16.0
	Sweet Corn	76.7	0.0	75.5	0.0	66.5	0.0	66.5	0.0	66.5	0.0	351.7	46.0
	Colored Pepper	32.4	0.0	17.4	0.0	17.4	0.0	13.4	0.0	9.8	0.0	90.6	3.6
	Mushroom	8.8	0.0	8.8	0.0	12.8	0.0	12.8	0.0	12.8	0.0	55.8	0.7

Source: NAB,2021

### 3. EXPECTED AVAILABILITY

**Table 2**, below indicate active producers that expect to harvest controlled products as well as monitored products listed below. It is worth noting that, there is only two active producers for mushroom countrywide. Indicating a need for farmers, to diversify into mushroom production. Refer to table 2 below for more details.

TABLE 2 : EXPECTED AVAILABILITY OF SPECIAL CONTROLLED PRODUCTS																																		
KEY: Tomato Round =  Tomato Jam=  Carrot=  Green Pepper=  Pumpkin = 																																		
ZAMBEZI AREA																																		
				01 to 15 Feb 2021					16 to 28 Feb 2021					Mar-21					Apr-21					May-21					Jun-21					
SN	Name Of Producer	Local	Export	Tomato Round	Tomato Jam	Carrot	Green pepper	Pumpkin	Tomato Round	Tomato Jam	Carrot	Green Pepper	Pumpkin	Tomato Round	Tomato Jam	Carrot	Green pepper	Pumpkin	Tomato Round	Tomato Jam	Carrot	Green Pepper	Pumpkin	Tomato Round	Tomato Jam	Carrot	Green pepper	Pumpkin	Tomato Round	Tomato Jam	Carrot	Green pepper	Pumpkin	
1	Pitiya Paul	✓																																
2	Mukwata Morven	✓																																
3	Clemens Makumbi	✓																																
4	Hans Matiti	✓																																
5	Cavin Sikalumbu	✓																																
6	Lasken Kayabu Kayambo	✓																																
7	Vasco Samwaka	✓																																
8	Bertha Maswahu	✓																																
9	Bernard Sitali	✓																																
10	Clement Mulyokela	✓																																
11	Kamwi Lubanda	✓																																
12	Jerome Lubanda	✓																																
KAVANGO AREA																																		
1	Anton Mberema	✓																																
2	Blandine M Nangombe	✓																																
3	Pius Kapirika	✓																																
4	Lukas Mandema	✓																																
5	Augustinus Poroto	✓																																
6	Hendrick Locke	✓																																

*Table 2 continued.*








NORTH CENTRAL AREA																											
1	Lonia & Abraham Ismael	✓																									
2	Onesmus Alalicky Jordan	✓																									
3	Silvanus Naunyango	✓																									
4	Ndasilohenda Nakashwa	✓																									
5	Petrus Matheus	✓																									
6	Titus Paulus	✓																									
7	Shetuka Shetuka	✓																									
8	Rassie Erasmus	✓																									
9	Patrisius Ndidalelwa	✓																									
10	Innocens Kalola	✓																									
11	Akathigo and Ismael Kapuka	✓																									
12	Simeon Negumbo	✓																									
KARST AREA																											
1	Phelep Pandukeni	✓																									
2	Theopauline Ruiter	✓																									
3	Fredrik Haixwa	✓																									
4	Ndelitungapo Ndaitwah	✓																									
5	Peter Kawana	✓																									
6	Karl Damaseb	✓																									
7	Jan Cronje	✓																									
8	Magano Kapia	✓																									
9	Elizabeth Nekundi	✓																									
10	Mark Von Maltzahl	✓																									
11	Alpheus Angula	✓																									
12	Neels van der Merwe	✓																									
13	Hansie van der Merwe	✓																									
14	Dirk Van De Berg	✓																									
15	Louis Smit	✓																									
16	Wuhn Willem Schalk	✓																									
17	Hannes Swanepol	✓																									
18	Morne Cronje	✓																									
19	Bernd Stroh	✓																									

Table 2 continued.

CENTRAL AREA																													
1	Dirk Wobbling	✓																											
2	Grunnar Waldschmidt	✓																											
3	Katrina Kandji-Black	✓																											
4	Johannes Meyer	✓																											
5	Stephan Gaugler	✓																											
6	Jaco Van Westhuizen	✓																											
7	Jaques Cotzee	✓																											
8	Lothar Kollimtz	✓																											
9	Berenice Cronza	✓																											
10	Lonie Hartmann	✓																											
11	Hagen Horthsmark	✓																											
12	George Ellis	✓																											
13	Simson Kuhangwa Kazapua	✓																											
14	Jenny Esterhuizen	✓																											
15	Xavier Philander	✓																											
16	MKR Clandara	✓																											
17	Honest	✓																											
18	Raymonds Masuku	✓																											
19	Piete De Lange	✓																											
20	Lonie Hart	✓																											
21	Johannes Michiel van Helsing	✓																											
22	Dinah Straus	✓																											
23	Mrs Botes	✓																											
24	Jaco Thomas	✓																											
25	Magnus Kurz	✓																											
26	Milton Augumeb	✓																											
27	Hubertus Gaochab	✓																											
SOUTH AND ORANGE RIVER AREA																													
1	Herman Van Dyk	✓																											
2	Hoekes Vann Niekerk	✓																											
3	Charl van Rensburg	✓	✓																										
4	Rudie Kotze	✓																											
5	F Jansen Van Rensburg	✓																											
6	Jean Roux	✓																											

Source: NAB, 2021



TABLE 2 : EXPECTED AVAILABILITY OF MONITORED CROPS																							
KEY: Mushroom =  Spinach=  Sweet Corn=  Colored Pepper= 																							
ZAMBEZI AREA																							
SN	Name Of Producer	Local	Export	Feb-21				Mar-21				Apr-21				May-21				01/006/2021			
				Mushroom	Spinach	Sweet Corn	Colored Pepper	Mushroom	Spinach	Sweet Corn	Colored Pepper	Mushroom	Spinach	Sweet Corn	Colored Pepper	Mushroom	Spinach	Sweet Corn	Colored Pepper	Mushroom	Spinach	Sweet Corn	Colored Pepper
1	Fernando Batista	✓																					












































































































NORTH CENTRAL AREA																							
1	Dennis Kalunga	√																					
2	Akathigo and Ismael Kapuka	√																					
3	Rassie Erasmus	√																					
4	Johanna Benjamen	√																					
KARST AREA																							
1	Theopauline Ruiter	√																					
2	Johan A Cloete	√																					
3	Elizabeth Nekundi	√																					
4	Dirk Van De Berg	√																					
5	Louis Smit	√																					
6	Wuhn Willem Schalk	√																					
7	Hannes Swanepol	√																					
8	Hansie Van der Merwe	√																					

Table 2 (B) continued.

CENTRAL AREA																							
1	Jan Conradie	√																					
2	Grunnar Waldschmidt	√																					
3	Anton Koekmoer	√																					
4	Lonie Hartmann	√																					
5	Lucia Conradie	√																					
6	Berenice Cronza	√																					
7	Simson Kuhangwa Kazapua	√																					
8	Jenny Esterhuizen	√																					
9	Welme Myburen	√																					
10	Honest	√																					
11	Mrs Botes	√																					
12	Isak Nahum	√																					
13	Derck Jacobs	√																					
14	Dirk Wobbling	√																					
15	Hubertus Gaochab	√																					
SOUTH AND ORANGE RIVER AREA																							
1	Charl Van Rensburg	√																					

Source: NAB,2021

## 4. EXPECTED PRODUCTION VS DEMAND ANNALYSIS

### 4.1 TABULATION ANALYSIS

**Table 3:** Below indicates expected production versus the average domestic demand per crop per month

The total tonnage expected for Jam and Round Tomato, Carrot and Pumpkin will be Sufficient, to meet the domestic market demand during the first month of the forecasted period. Whereas Green pepper will be in short supply, during the entire period of this forecast report.

Table 3A: EXPECTED PRODUCTION VERSUS DOMESTIC DEMAND ANALYSIS FOR SPECIAL CONTROLLED PRODUCTS								
		Numbers in this table represents Tonnage						
Crop	Expected Shortage or Surplus	01-15 Feb 21	16-28 Feb 21	Mar-21	Apr-21	May-21	Jun-21	TOTAL
Tomato Round	Expected for Domestic Market	177.25	175.96	278.73	227.58	168.35	112	1139.87
	Average Domestic Demand	224.5	224.5	449	449	449	449	2245
	Surplus /Shortage	-47.25	-48.54	-170.27	-221.42	-280.65	-337	-1105.13
Tomato Jam	Expected for Domestic Market	55.35	59.45	82.74	52.283	96.8	36.167	382.79
	Average Domestic Demand	82	82	164	164	164	164	820
	Surplus /Shortage	-26.65	-22.55	-81.26	-111.717	-67.2	-127.833	-437.21
Carrot	Expected for Domestic Market	405.5	405.5	725	685	665	635	3521
	Average Domestic Demand	236	236	472	472	472	472	2360
	Surplus /Shortage	169.5	169.5	253	213	193	163	1161
Green Pepper	Expected for Domestic Market	92.8635	93.7655	136.49	79.37	74.87	52.69	530.049
	Average Domestic Demand	106	106	212	212	212	212	1060
	Surplus /Shortage	-13.1365	-12.2345	-75.51	-132.63	-137.13	-159.31	-529.951
Pumpkin	Expected for Domestic Market	152.315	141.75	222.5	63.7	11.5	7.5	599.265
	Average Domestic Demand	21	21	42	42	42	42	210
	Surplus /Shortage	131.315	120.75	180.5	21.7	-30.5	-34.5	389.265
Sweet corn	Expected for Domestic Market	38.4	38.4	75.5	66.5	66.5	66.5	351.715
	Average Domestic Demand	35	35	70	70	70	70	350
	Surplus /Shortage	3.35	3.35	5.5	-3.5	-3.5	-3.5	1.715

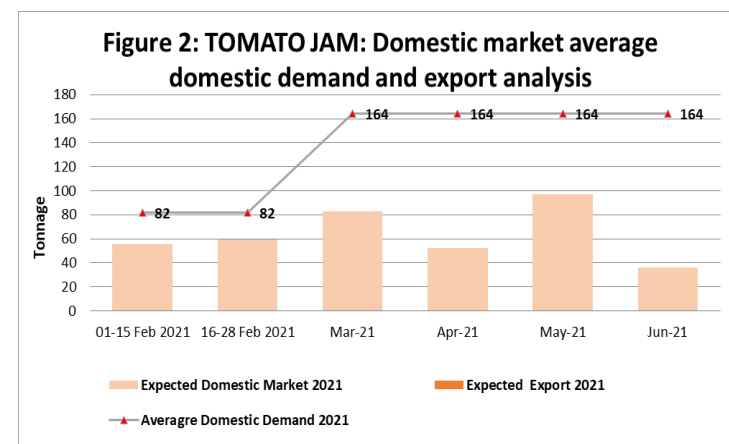
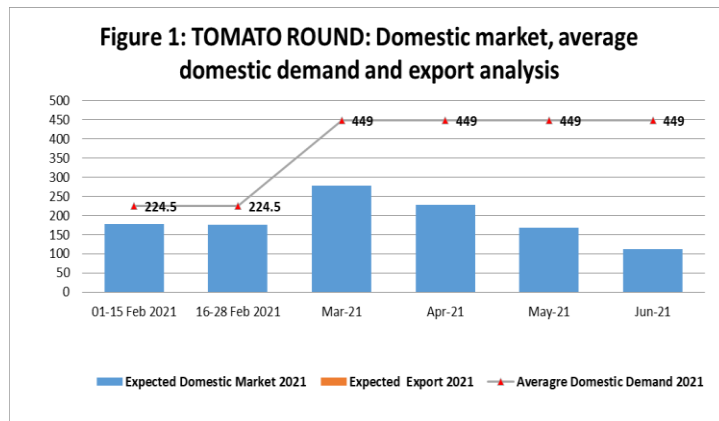
Source: NAB,2021

Table 3B: EXPECTED PRODUCTION OF MONITORED PRODUCTS VERSUS DOMESTIC DEMAND ANALYSIS							
		Numbers in this table represents Tonnage					
Crop	Expected <b>Shortage</b> or <b>Surplus</b>	Feb-21	Mar-21	Apr-21	May-21	Jun-21	TOTAL
Spinach	Expected for Domestic Market	48.3	37.8	18.9	15.9	15.3	136.3
	Average Domestic Demand	46.0	46.0	46.0	46.0	46.0	230.0
	<b>Surplus /Shortage</b>	<b>2.3</b>	<b>-8.2</b>	<b>-27.1</b>	<b>-30.1</b>	<b>-30.7</b>	<b>-93.7</b>
Mushroom	Expected for Domestic Market	8.8	8.8	12.8	12.8	12.8	55.8
	Average Domestic Demand	77.0	77.0	77.0	77.0	77.0	385.0
	<b>Surplus /Shortage</b>	<b>-68.3</b>	<b>-68.3</b>	<b>-64.3</b>	<b>-64.3</b>	<b>-64.3</b>	<b>-329.3</b>
Colored Pepper	Expected for Domestic Market	32.43	17.43	17.43	13.43	9.83	90.55
	Average Domestic Demand	99.6	99.6	99.6	99.6	99.6	498
	<b>Surplus /Shortage</b>	<b>-67.17</b>	<b>-82.17</b>	<b>-82.17</b>	<b>-86.17</b>	<b>-89.77</b>	<b>-407.45</b>

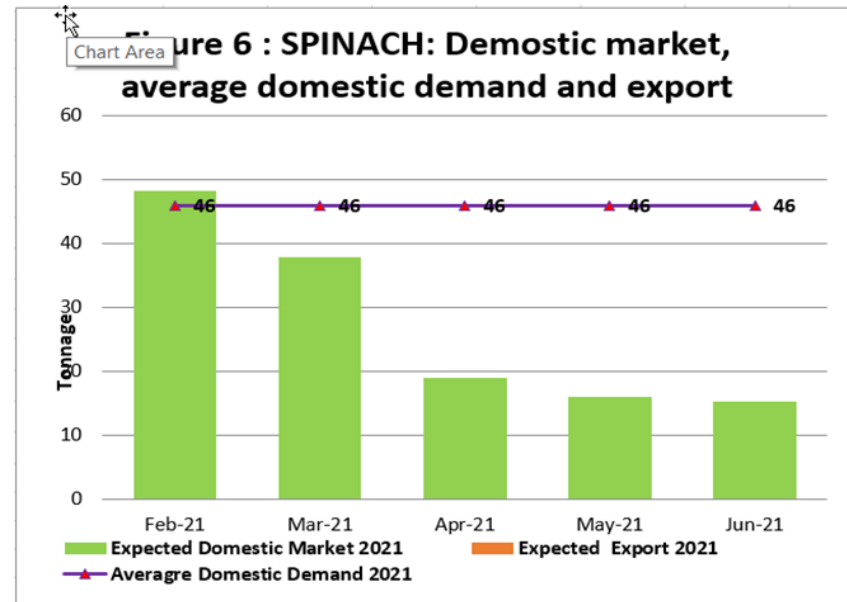
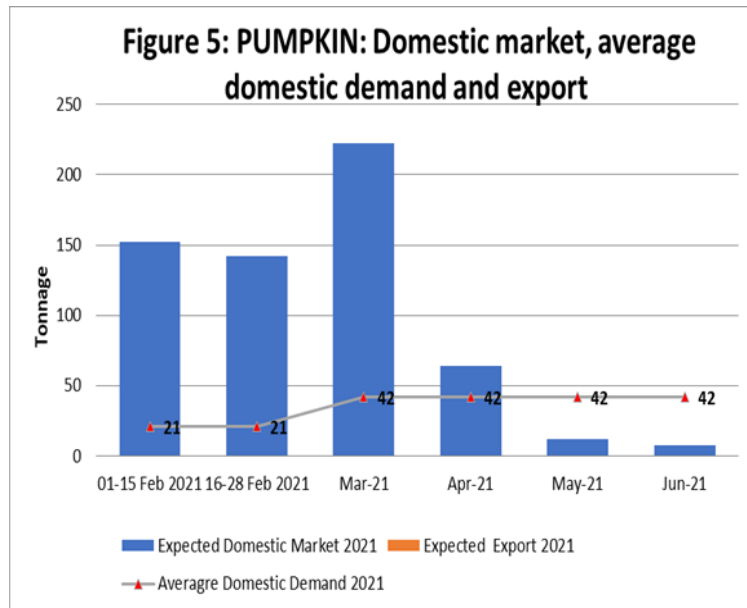
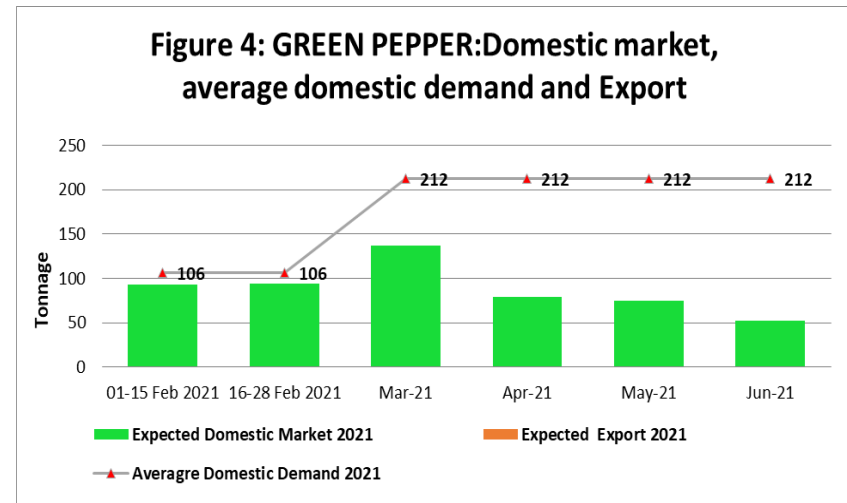
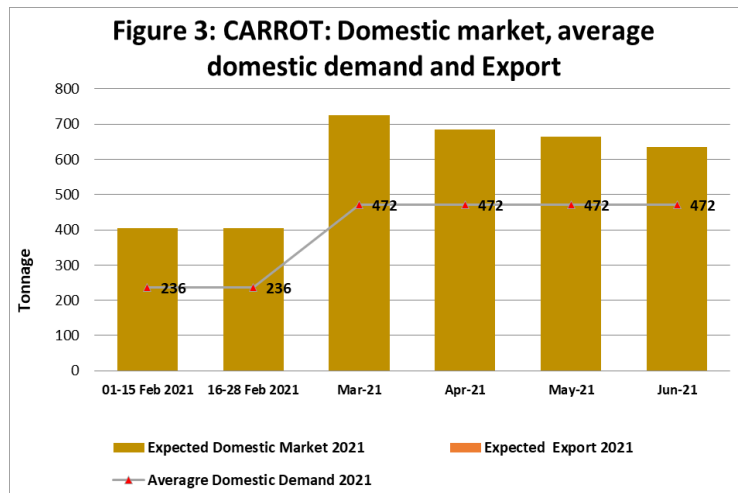
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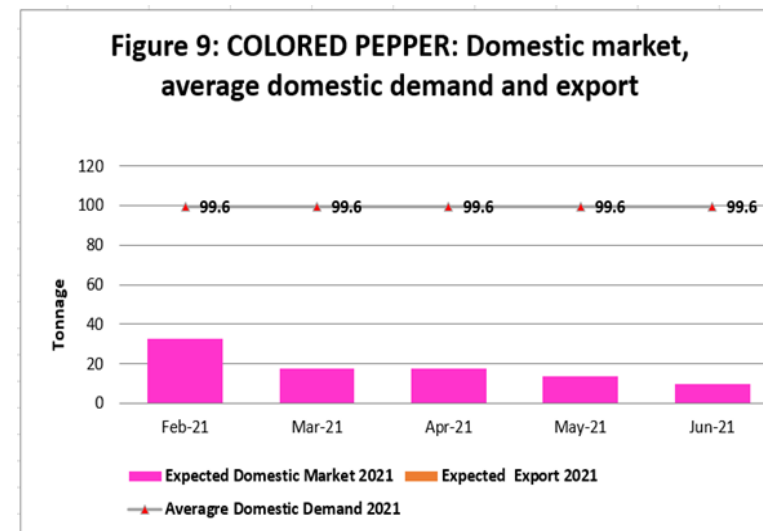
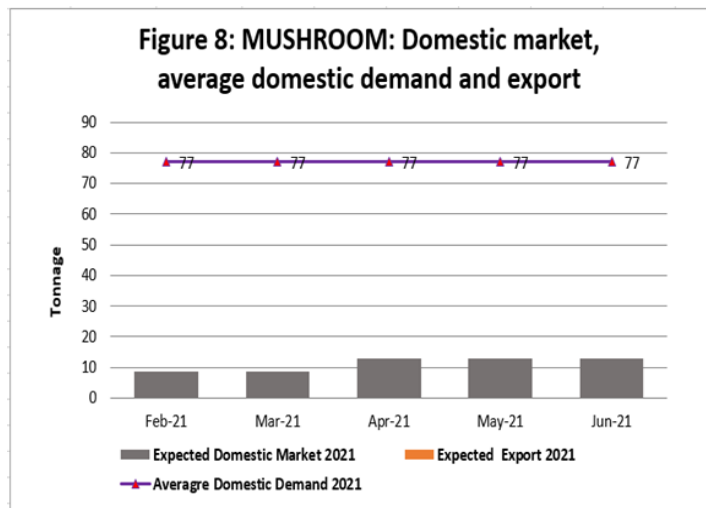
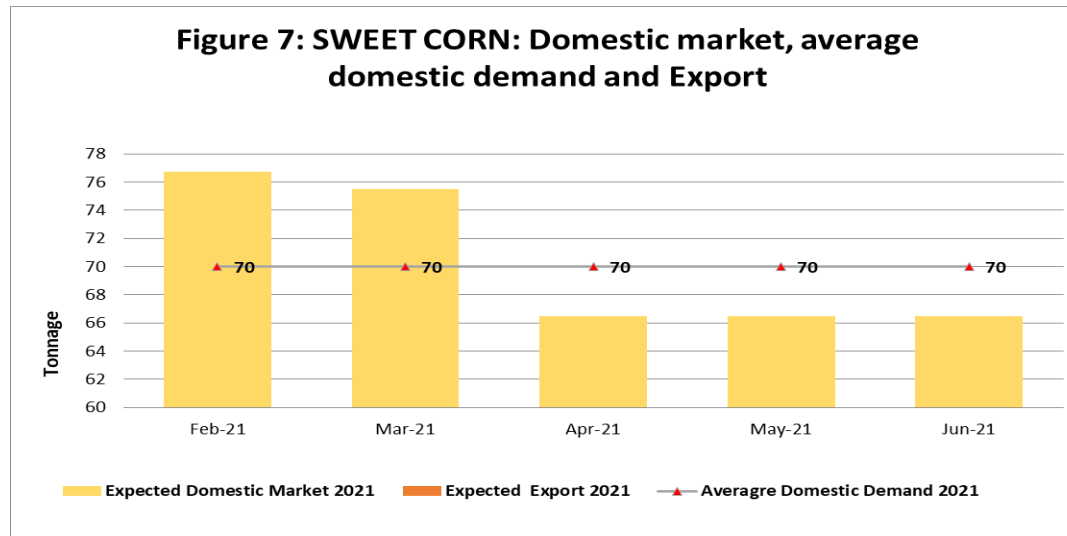
## 4.2 GRAPHICAL ANALYSIS

**Figures 1- 9:** Below indicate the Domestic market, average domestic demand and export analysis and this shows that we will have sufficient supply of Jam and Round Tomatoes, Carrots as well as pumpkins in December.



Graphical analysis continues.



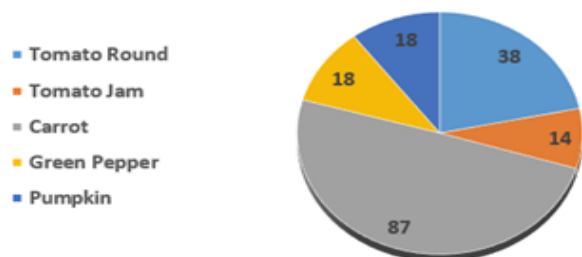


Source: NAB,2021

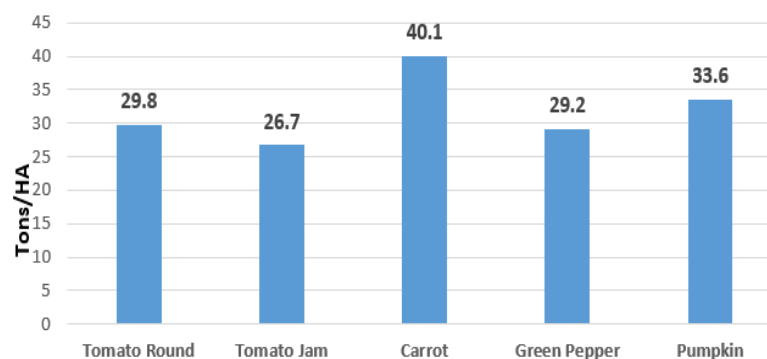
## 5. HECTARES PLANTED AND EXPECTED YIELD PER HECTARE (Figure 10-13)

The highest hectares planted is for Carrot (87 ha) followed by Tomato Round (38 ha) with Tomato Jam having smallest area planted (14 ha) for the special controlled products. While Sweet Corn (46 ha) is the highest under the monitored crop, while the lowest is Mushroom (0.7 ha) as can be seen below.

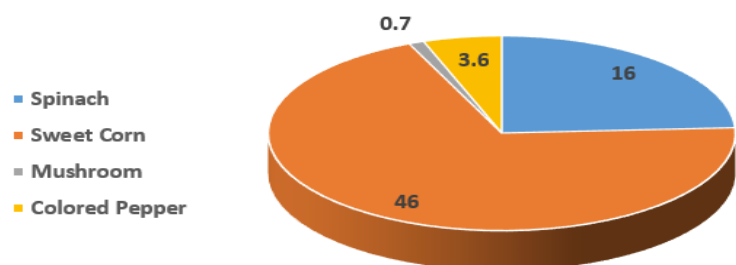
**Figure 10: Hectares expected to be harvested per crop Special controlled products**



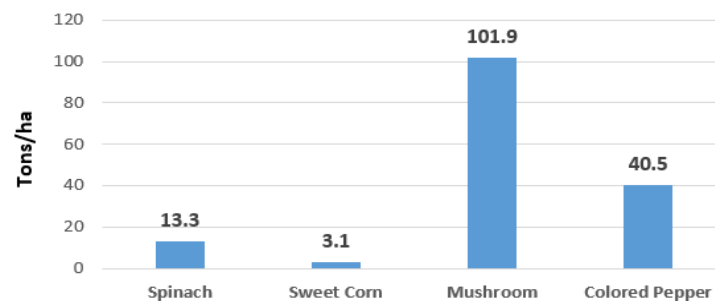
**Figure 11: Average yield per hectare per crop of the special controlled products**



**Figure 12: Hectares expected to be harvested per monitored crop**



**Figure 13: Average yield per hectare per crop per monitored product**



**Figure14.** Shows that KARST area has the highest number of hectares planted and quantity of produces expected during the forecasted period, with Zambezi area having the lowest hectares planted and expected tonnages in total.

## 6. CONCLUSIONS AND RECOMMENDATIONS

It is therefore recommended that the import restriction shall be implemented for Tomatoes on a pro rata basis of 30:70 (30 % Import and 70% Local), while Green pepper should be on a prorata basis of 20:80 (20% Import, and 70% Local). The Carrot and Pumpkin will be closed for importation, since we have sufficient supply locally.