



Colored Pepper



Tomato Round



Tomato Jam



Carrot



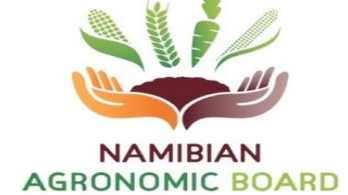
Green Pepper



Spinach



Sweetcorn



HORTICULTURE: PRODUCT PRODUCTION FORECAST

REPORT NO.2

FORECASTED PERIOD:

01 APRIL 2021 TO 31 AUGUST 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 and Sweetcorn** as well as the Two monitored crops i.e. **Spinach and Coloured 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 into 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 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 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 1: 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. Sweetcorn	All types, size groups and container size of fresh/ chilled and whole or cut Red Fleshed and Yellow Fleshed except the “Exclusions”	White and Mixed Colour Sweetcorn. All Frozen, dried, cooked and preserved. Sweetcorn (Whole or Cut) of any colour.

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 2: revealed that, Carrots, tomatoes round and Jam as well as Green peppers, are the top commodities with high expected tonnages during the reporting period. Also, Karst area is leading in Carrot production, followed by Central area. Detailed information for expected production per crop per production zone are shown in the Table 2 below.

Table 2A: EXPECTED PRODUCTION OF SPECIAL CONTROLLED PRODUCTS PER CROP PER AREA															
		Numbers in the table below represents tonnage													
PRODUCTION AREA	CROP	01-15 Apr 21		16-30 Apr 21		May-21		Jun-21		Jul-21		Aug-21		Totals	
		Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Expected tonnage	Hectares planted
ZAMBEZI	Tomato Round	0.9	0.0	0.9	0.0	0.9	0.0	5.2	0.0	3.5	0.0	0.0	0.0	11.3	0.4
	Tomato Jam	0.0	0.0	1.1	0.0	3.8	0.0	1.5	0.0	1.3	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.2
	Sweetcorn	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
KAVANGO	Tomato Round	8.4	0.0	8.4	0.0	8.2	0.0	5.0	0.0	5.0	0.0	0.0	0.0	35.1	0.9
	Tomato Jam	3.5	0.0	7.9	0.0	8.9	0.0	10.9	0.0	9.9	0.0	0.0	0.0	41.1	1.3
	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	0.4	0.0	1.7	0.0	3.7	0.0	1.1	0.0	1.1	0.0	0.0	0.0	8.0	0.4
	Sweet Corn	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
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	30.7	0.0	63.0	0.0	127.2	0.0	30.2	0.0	0.0	0.0	0.0	0.0	251.1	8.9
	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	5.6	0.0	5.8	0.0	12.3	0.0	1.6	0.0	2.6	0.0	2.6	0.0	30.5	2.1
	Sweetcorn	1.5	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.2

Table 2 continued

Source: NAB,2021

KARST	Tomato Round	28.3	0.0	28.3	0.0	125.0	0.0	95.0	0.0	35.0	0.0	0.0	0.0	311.7	7.5
	Tomato Jam	16.7	0.0	16.7	0.0	92.5	0.0	50.0	0.0	2.5	0.0	0.0	0.0	178.3	4.4
	Carrot	10.0	0.0	10.0	0.0	135.0	0.0	295.0	0.0	295.0	0.0	295.0	0.0	1040.0	25.0
	Green Pepper	24.2	0.0	24.0	0.0	58.3	0.0	48.3	0.0	29.3	0.0	7.6	0.0	191.8	8.6
	Sweetcorn	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
CENTRAL	Tomato Round	65.9	0.0	65.9	0.0	75.5	0.0	68.6	0.0	49.1	0.0	27.9	0.0	352.8	11.0
	Tomato Jam	16.8	0.0	16.8	0.0	14.6	0.0	4.1	0.0	4.1	0.0	4.1	0.0	60.5	2.0
	Carrot	27.0	0.0	27.0	0.0	57.0	0.0	57.0	0.0	33.0	0.0	53.0	0.0	254.0	7.8
	Green Pepper	32.9	0.0	32.9	0.0	41.5	0.0	8.5	0.0	0.0	0.0	0.0	0.0	115.8	5.0
	Sweetcorn	0.8	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.2
SOUTH AND ORANGE RIVER	Tomato Round	24.3	0.0	24.3	0.0	511.8	391.7	941.8	562.7	939.5	0.0	939.5	0.0	3381.1	93.4
	Tomato Jam	0.7	0.0	0.7	0.0	1.4	0.0	1.4	0.0	0.0	0.0	0.0	0.0	4.3	0.1
	Carrot	0.0	0.0	0.0	0.0	15.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	21.0	0.7
	Green Pepper	38.9	0.0	44.9	0.0	154.8	0.0	205.0	0.0	190.0	0.0	75.0	0.0	708.5	31.7
	Sweetcorn	4.5	0.0	4.5	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	1.2
Total expected per crop per month	Tomato Round	127.7	0.0	127.7	0.0	721.3	391.7	1115.6	562.7	1032.2	0.0	967.4	0.0	4091.9	113.2
	Tomato Jam	68.3	0.0	106.1	0.0	248.4	0.0	98.1	0.0	17.8	0.0	4.1	0.0	542.9	16.9
	Carrot	37.0	0.0	37.0	0.0	207.0	0.0	358.0	0.0	328.0	0.0	348.0	0.0	1315.0	33.5
	Green Pepper	102.5	0.0	109.8	0.0	270.5	0.0	264.6	0.0	223.0	0.0	85.2	0.0	1055.5	48.0
	Sweet Corn	6.75	0	6.75	0	3	0	0	0	0	0	0	0	16.5	1.55

Table 2 continued

Source: NAB,2021

Table 2B: EXPECTED PRODUCTION OF MONITORED PRODUCTS PER CROP PER AREA													
PRODUCTION AREA	CROP											Totals	
		Apr-21		May-21		Jun-21		Jul-21		Aug-21		Expected tonnage	Hectares planted
		Local	Export	Local	Export	Local	Export	Local	Export	Local	Export		
ZAMBEZI	Spinach	0.2		0.2		0.0		0.0		0.0		0.4	0.1
	Colored Pepper	0.0		0.0		0.0		0.0		0.0		0.0	0.0
KAVANGO	Spinach	0.3		0.3		0.3		0.0		0.0		0.8	0.1
	Colored Pepper	0.0		0.0		0.0		0.0		0.0		0.0	0.0
NORTH CENTRAL	Spinach	0.7		0.7		0.7		0.7		0.6		3.3	1.2
	Colored Pepper	0.0		0.0		0.0		0.0		0.0		0.0	0.0
KARST	Spinach	3.1		3.1		3.2		3.2		3.0		15.4	1.6
	Colored Pepper	0.3		0.3		0.0		0.0		0.0		0.6	0.8
CENTRAL	Spinach	20.2		18.1		15.5		2.5		2.5		58.7	6.3
	Colored Pepper	48.9		52.9		59.0		15.0		0.0		175.8	5.9
SOUTH AND ORANGE RIVER	Spinach	0.7		0.7		0.7		0.0		0.0		2.0	0.2
	Colored Pepper	0.0		0.0		0.0		0.0		0.0		0.0	0.0
Total expected per crop per month	Spinach	25.1	0.0	22.9	0.0	20.3	0.0	6.3	0.0	6.1	0.0	80.7	9.5
	Colored Pepper	49.2	0.0	53.2	0.0	59.0	0.0	15.0	0.0	0.0	0.0	176.4	6.7

3. EXPECTED AVAILABILITY

Table 3, below indicate active producers that expect to harvest controlled products as well as monitored products listed below. It is worth noting that even though Sweetcorn is a Special Controlled product very few farmers produce this specific crop. Indicating a need for farmers, to diversify into Sweetcorn production. Refer to table 3 below for more details.
















TABLE 3A : EXPECTED AVAILABILITY OF SPECIAL CONTROLLED PRODUCTS																																	
KEYS: Tomato Round =  Tomato Jam =  Carrot =  Green Pepper =  Sweetcorn = 																																	
ZAMBEZI AREA																																	
SN	Name Of Producer	Local	Export	01 to 15 Apr 2021					16 to 30 Apr 2021					May-21					Jun-21					Jul-21					Aug-21				
				Tomato Round	Tomato Jam	Carrot	Green pepper	Sweet Corn	Tomato Round	Tomato Jam	Carrot	Green Pepper	Sweet Corn	Tomato Round	Tomato Jam	Carrot	Green pepper	Sweet Corn	Tomato Round	Tomato Jam	Carrot	Green Pepper	Sweet Corn	Tomato Round	Tomato Jam	Carrot	Green pepper	Sweet Corn	Tomato Round	Tomato Jam	Carrot	Green pepper	Sweet Corn
1	Mulemwa Goesis	√																															
2	Peggy Muhuluma	√																															
3	Joseph Simataa	√																															
4	Vasco Samwaka	√																															
5	Bertha Maswahu	√																															
6	Bernard Sitali	√																															
7	Clement Mulyokela	√																															
8	Kamwi Lubanda	√																															
KAVANGO AREA																																	
1	Anton Mberema	√																															
2	Blandine M Nangombe	√																															
3	Raphael Kampanze	√																															
4	Pius Kapirika	√																															
5	Lukas Mandema	√																															
6	Augustinus Poroto	√																															
7	Hendrick Locke	√																															

Table 3 continued

Source: NAB,2021

NORTH CENTRAL AREA																								
1	Lonia & Abraham Ismael	√																						
2	Eugene Eugene	√																						
3	John Naindjala	√																						
4	Paulus Amutenya	√																						
5	Innocens Kalola	√																						
6	Wilhelmina Heita	√																						
7	Elkan Mangundu	√																						
8	Emillie Naunyango	√																						
9	Florian Shilongo	√																						
10	Immanuel Hambia	√																						
11	Silvanus Naunyango	√																						
12	Ndasilohenda Nakashwa	√																						
13	Andreas Ashimbanga	√																						
14	Puppyenaye Tjavanga	√																						
15	Petrus Matheus	√																						
16	Shetuka Shetuka	√																						
17	Rassie Erasmus	√																						
18	Patrisius Ndidalelwa	√																						
19	Erastus Mumbala	√																						
20	Phillipus Zocks lipinge	√																						
21	Matheus Nuukunde	√																						
22	Tangeni Thomas Negonga	√																						
23	Fiina Valombola	√																						
24	Simeon Negumbo	√																						
KARST AREA																								
1	Theopauline Ruiters	√																						
2	Ndelitungapo Ndaitwah	√																						
3	W.Shali	√																						
4	Fillemon Gabriel	√																						
5	Fredrik Haixwa	√																						
6	Veikko Nghiwete	√																						
7	Chris Angels	√																						
8	Jan Cronje	√																						
9	Magano Kapia	√																						

Table 3 continued

Source: NAB,2021

10	Elizabeth Nekundi	√																		
11	Mark Von Maltzahl	√																		
12	Louis Smit	√																		
13	Wuhn Willem Schalk	√																		
14	Morne Cronje	√																		
CENTRAL AREA																				
1	Dirk Wobbling	√																		
2	Grunnar Waldschmidt	√																		
3	Anton Koekoer	√																		
4	Johannes Meyer	√																		
5	Stephan Gaugler	√																		
6	Jaques Cotzee	√																		
7	Lothar Kollimtzt	√																		
8	Danie Marais	√																		
9	Martha Alweendo	√																		
10	Honest Riandro	√																		
11	Henk Peters	√																		
12	Lonie Hartmann	√																		
13	Erenfriede Mbaha	√																		
14	Alfeus Gariseb	√																		
15	George Ellis	√																		
16	Jaco Van Westhuizen	√																		
17	Xavier Philander	√																		
18	MKR Clandara	√																		
19	Isak Nahum	√																		
20	Andrew Mowes	√																		
21	Grace Katjuene	√																		
22	Johannes van Helsdingen	√																		
23	Dinah Straus	√																		
24	Mrs Botes	√																		
25	Jaco Thomas	√																		
26	Magnus Kurz	√																		

Table 3 continued

Source: NAB,2021

SOUTH AND ORANGE RIVER AREA																														
1	Herman Van Dyk	√																												
2	Loius Louw	√																												
3	Nico van Derwe	√	√																											
4	Abe Olivier	√	√																											
5	Peter de Lange	√																												
6	Charl van Rensburg	√	√																											
7	Fanie Louw	√																												
8	Rudie Kotze	√																												
9	Jean Roux	√																												
10	Arthur Makhza	√																												
11	Chris Husmaine	√																												
12	Theresia Kisting	√																												

Table 3 continued
Source: NAB,2021







































































TABLE 3B : EXPECTED AVAILABILITY OF MONITORED CROPS													
KEYS: Spinach =  Colored Pepper = 													
ZAMBEZI AREA													
SN	Name Of Producer	Local	Export	Apr-21		May-21		Jun-21		Jul-21		Aug-21	
				Spinach	Colored Pepper	Spinach	Colored Pepper	Spinach	Colored Pepper	Spinach	Colored Pepper	Spinach	Colored Pepper
1	Fernando Batista	√											
KAVANGO AREA													
1	Blandine M Nangombe	√											
NORTH CENTRAL AREA													
1	Willem Ankama	√											
2	Johanna Benjamen	√											

Table 3 continued

Source: NAB,2021

KARST AREA													
1	Elizabeth Nekundi	√											
2	Wuhn Willem Schalk	√											
CENTRAL AREA													
1	Grunnar Waldschmidt	√											
2	Anton Koekmoer	√											
3	Danie Marais	√											
4	Lonie Hartmann	√											
5	Erenfriede Mbaha	√											
6	Honest Riandro	√											
7	Berenice Cronza	√											
8	Martha Alweendo	√											
9	Wylie V Upi	√											
10	Cornelius C Kuhn	√											
11	Mendes Chico	√											
12	Jenny Esterhuizen	√											
13	Welme Myburen	√											
14	Mrs Botes	√											
15	Dirk Wobbling	√											
SOUTH AND ORANGE RIVER AREA													
1	Theresia Kisting	√											

4.

EXPECTED PRODUCTION VS DEMAND ANNALYSIS

4.1 TABULATION ANALYSIS

Table 4: Below indicates expected production versus the average domestic demand per crop per month

The total tonnage expected for Tomato Jam, and Green Pepper are expected to be Sufficient in the Second Half of April 2021. Whereas Tomato Round, Carrot and Sweetcorn will be in short supply, during the entire permit period of April 2021.

Table 4A: EXPECTED PRODUCTION VERSUS DOMESTIC DEMAND ANALYSIS FOR SPECIAL CONTROLLED PRODUCTS								
		Numbers in this table represents Tonnage						
Crop	Expected Shortage or Surplus	01-15 Apr 21	16-30 Apr 21	May-21	Jun-21	Jul-21	Aug-21	TOTAL
Tomato Round	Expected for Domestic Market	127.72	127.72	721.305	1115.645	1032.175	967.375	4091.94
	Average Domestic Demand	224.5	224.5	449	449	449	449	2245.00
	Surplus /Shortage	-96.78	-96.78	272.305	666.645	583.175	518.375	1846.94
Tomato Jam	Expected for Domestic Market	68.335	106.115	248.37	98.13	17.815	4.125	542.89
	Average Domestic Demand	82	82	164	164	164	164	820.00
	Surplus /Shortage	-13.665	24.115	84.37	-65.87	-146.185	-159.875	-277.11
Carrot	Expected for Domestic Market	37	37	207	358	328	348	1315.00
	Average Domestic Demand	236	236	472	472	472	472	2360.00
	Surplus /Shortage	-199	-199	-265	-114	-144	-124	-1045.00
Green Pepper	Expected for Domestic Market	102.51	109.75	270.532	264.552	223.022	85.16	1055.53
	Average Domestic Demand	106	106	212	212	212	212	1060.00
	Surplus /Shortage	-3.49	3.75	58.532	52.552	11.022	-126.84	-4.47
Sweetcorn	Expected for Domestic Market	6.75	6.75	3	0	0	0	16.50
	Average Domestic Demand	35	35	70	70	70	70	350.00
	Surplus /Shortage	-28.25	-28.25	-67	-70	-70	-70	-333.50

Table 4B: EXPECTED PRODUCTION OF MONITORED PRODUCTS VERSUS DOMESTIC DEMAND ANALYSIS

		Numbers in this table represents Tonnage					
Crop	Expected Shortage or Surplus	Apr-21	May-21	Jun-21	Jul-21	Aug-21	TOTAL
Spinach	Expected for Domestic Market	25.1	22.9	20.3	6.3	6.1	80.72
	Average Domestic Demand	46.0	46.0	46.0	46.0	46.0	230.00
	Surplus / Shortage	-20.9	-23.1	-25.7	-39.7	-39.9	-149.28
Colored Pepper	Expected for Domestic Market	49.19	53.19	59	15	0	176.38
	Average Domestic Demand	99.6	99.6	99.6	99.6	99.6	498.00
	Surplus / Shortage	-50.41	-46.41	-40.6	-84.6	-99.6	-321.62

4.2 GRAPHICAL ANALYSIS

Figures 1- 7: Below indicate the Domestic market, average domestic demand and export analysis and this shows that we will have insufficient supply of Jam and Round Tomatoes, Carrots, Green Pepper and Sweetcorn in First Half April 2021.

Figure 1: TOMATO ROUND: Domestic market, average domestic demand and export analysis

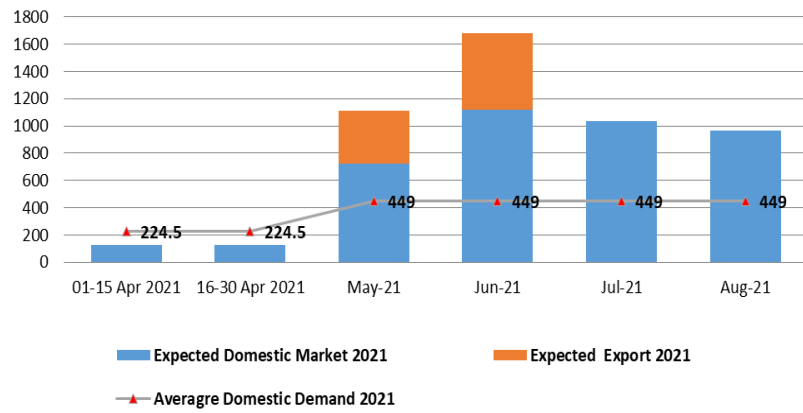


Figure 2: TOMATO JAM: Domestic market average domestic demand and export analysis

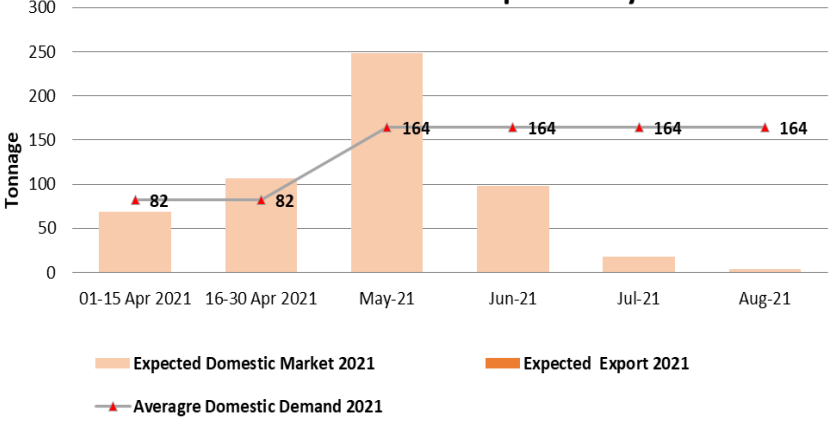


Figure 3: CARROT: Domestic market, average domestic demand and Export

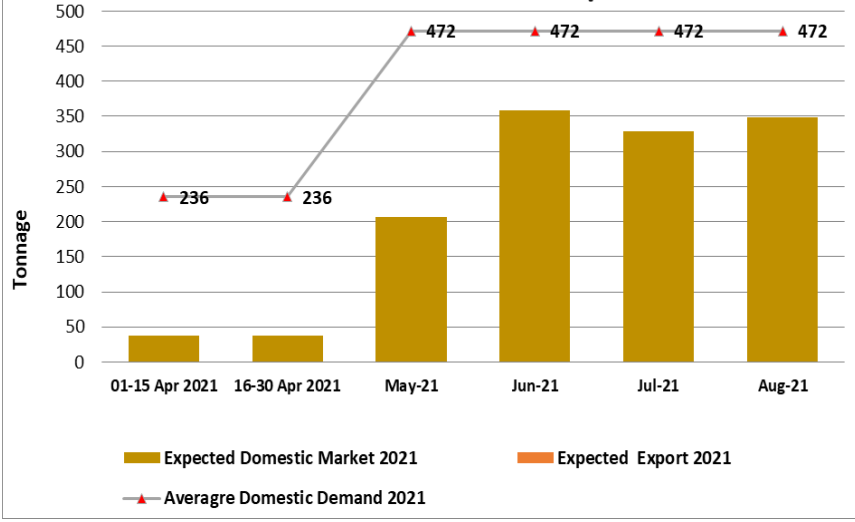


Figure 4: GREEN PEPPER: Domestic market, average domestic demand and Export

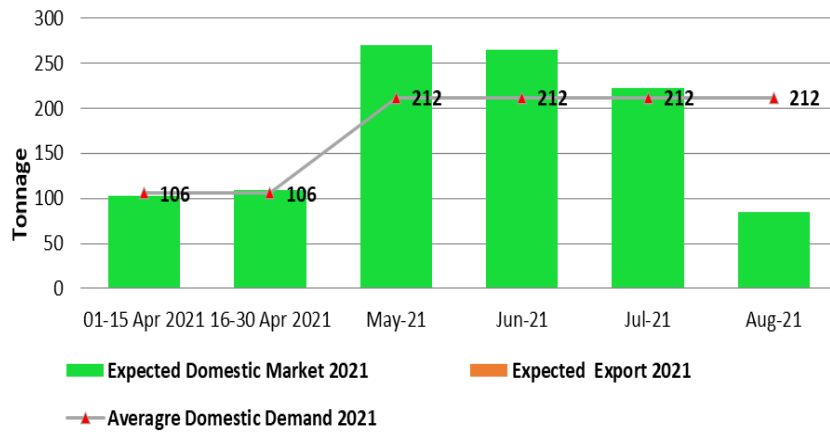


Figure 5: SWEET CORN: Domestic market, average domestic demand and Export

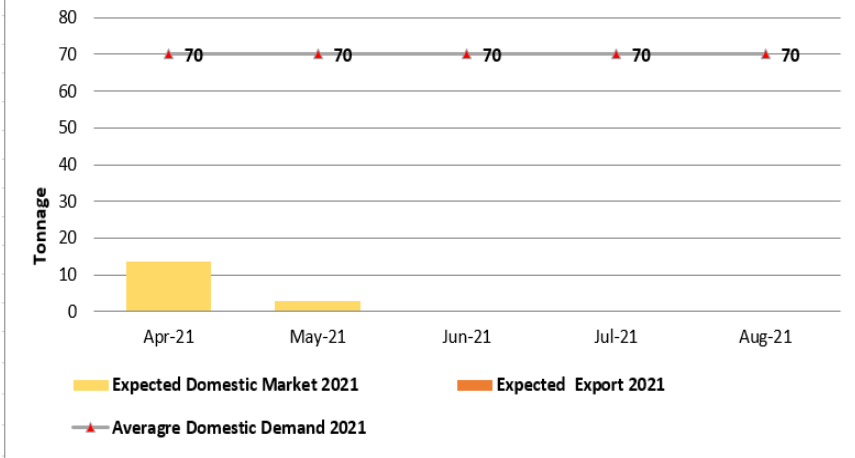
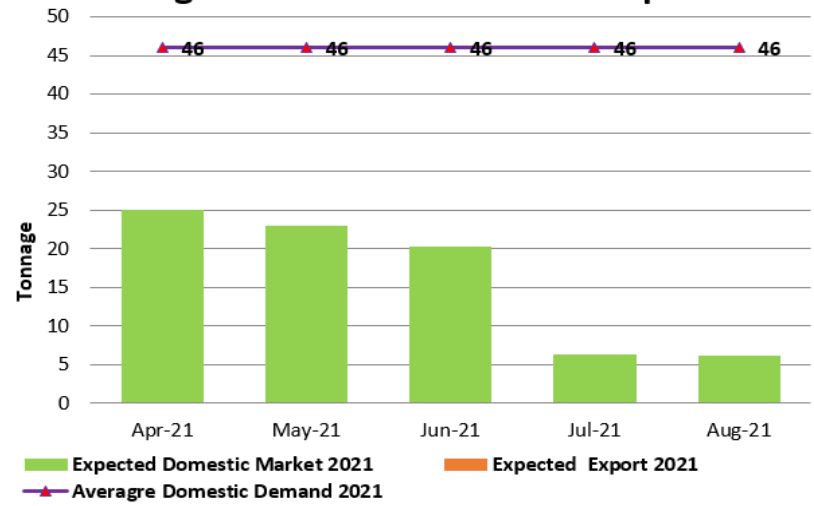
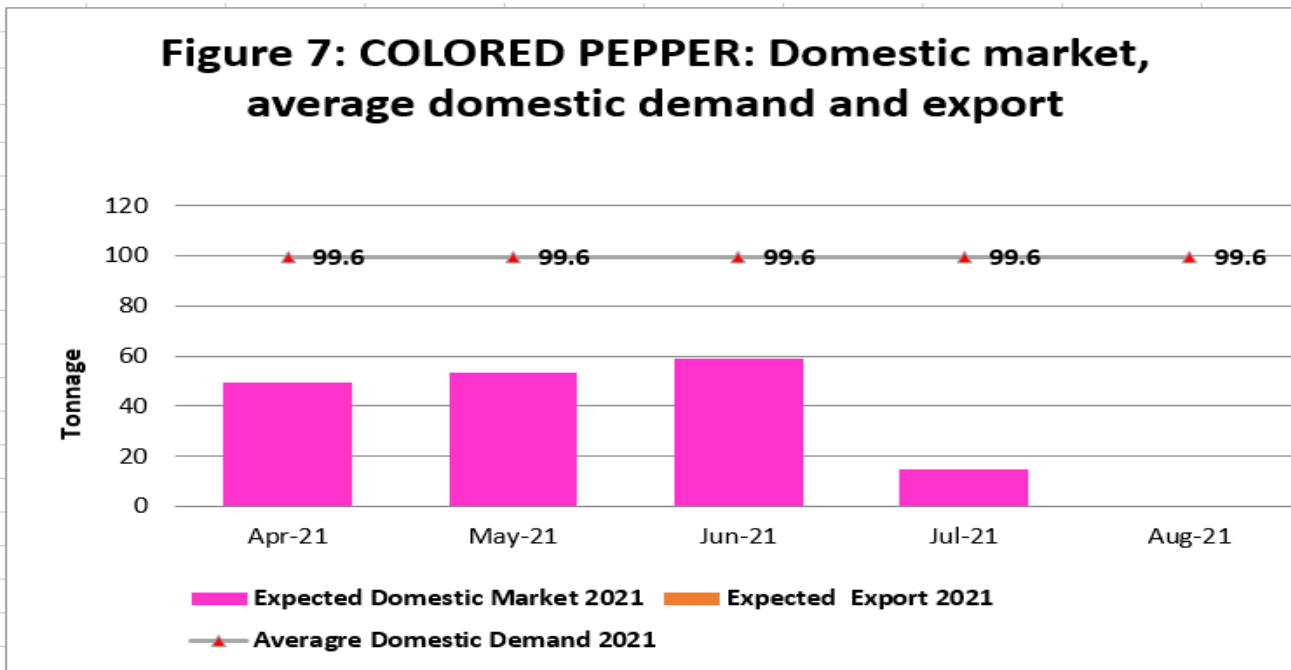


Figure 6 : SPINACH: Demostic market, average domestic demand and export





5. CONCLUSIONS AND RECOMMENDATIONS

