



Colour Pepper



Tomato Round



Tomato Jam



Carrot



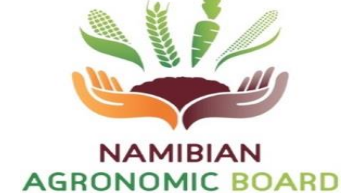
Green Pepper



Spinach



Sweetcorn



HORTICULTURE: VEGETABLES PRODUCTION FORECAST

REPORT NO.2

FORECASTED PERIOD:

01 JULY 2021 TO 30 NOVEMBER 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 five special controlled products i.e. **Tomato (Round & Jam), Green Pepper, Coloured Pepper, Carrot and Sweetcorn** as well as the one monitored crops i.e. **Spinach**. 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, valid for 90 days. 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. Therefore, this report discusses the controlled crops production forecasted per area, expected availability per producer for each production zone, 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.

Special controlled 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. Colour Pepper	All Types, grades, size groups and container sizes of Fresh, chilled, whole or cut Colour Bell Pepper (Red and Yellow) Single line or Robot Peppers except the exclusion	All Orange, Brown, Black, Purple and White Bell fresh Peppers, Chilled, whole or Cut. All frozen, dried, cooked and preserved colour bell peppers
4. 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.
5. Sweetcorn	All types, size groups and container size of fresh/ chilled and whole or cut Red Fleshed and Yellow Fleshed except	White and Mixed Colour Sweetcorn. All Frozen, dried, cooked and preserved.

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: Shows that the Tomato Round, Green Pepper and Carrot are the top commodities forecasted with high-expected tonnages during the reporting period. Detailed information for expected production, per crop, per production zone are shown in Table 2 below.

Table 2A: EXPECTED PRODUCTION OF SPECIAL CONTROLLED PRODUCTS PER CROP PER AREA															
PRODUCTION AREA	CROP	Numbers in the table below represents tonnage												Totals	
		01-15 Jul 21		16-31 Jul 21		Aug-21		Sep-21		Oct-21		Nov-21		Expected tonnage	Hectares planted
		Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Local	Export		
ZAMBEZI	Tomato Round	33.9	0.0	31.0	0.0	17.7	0.0	7.7	0.0	1.1	0.0	0.0	0.0	91.4	4.1
	Tomato Jam	2.6	0.0	2.6	0.0	6.4	0.0	4.8	0.0	0.8	0.0	0.0	0.0	17.3	0.6
	Carrot	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.2
	Green Pepper	1.2	0.0	1.3	0.0	1.6	0.0	1.6	0.0	1.4	0.0	1.1	0.0	8.2	0.7
	Coloured Pepper	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
	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	3.3	0.0	0.9	0.0	2.0	0.0	0.4	0.0	0.4	0.0	0.2	0.0	7.1	0.4
	Tomato Jam	16.8	0.0	16.8	0.0	5.7	0.0	1.3	0.0	1.3	0.0	0.0	0.0	42.1	1.8
	Carrot	0.0	0.0	0.7	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.3
	Green Pepper	4.5	0.0	4.5	0.0	5.6	0.0	2.4	0.0	1.1	0.0	1.0	0.0	19.1	1.0
	Coloured Pepper	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
	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	2.2	0.0	4.3	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.2	0.6
	Tomato Jam	34.4	0.0	48.9	0.0	154.7	0.0	1165.2	0.0	29.3	0.0	108.0	0.0	1540.5	20.4
	Carrot	2.0	0.0	2.0	0.0	2.4	0.0	2.4	0.0	0.0	0.0	0.0	0.0	8.7	2.4
	Green Pepper	2.4	0.0	2.6	0.0	5.5	0.0	5.9	0.0	2.0	0.0	0.3	0.0	18.7	2.1
	Coloured Pepper	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
	Sweetcorn	0.9	0.0	0.9	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.5

Table 2A continues...

KARST	Tomato Round	1.5	0.0	1.8	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	0.4
	Tomato Jam	21.6	0.0	23.0	0.0	54.5	0.0	23.5	0.0	0.0	0.0	0.0	0.0	122.6	3.4
	Carrot	230.0	0.0	200.0	0.0	532.0	0.0	412.0	0.0	0.0	0.0	0.0	0.0	1374.0	32.1
	Green Pepper	3.9	0.0	3.9	0.0	7.7	0.0	5.0	0.0	0.0	0.0	0.0	0.0	20.6	0.7
	Coloured Pepper	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
	Sweetcorn	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	2.0
CENTRAL	Tomato Round	49.9	0.0	49.9	0.0	99.1	0.0	42.8	0.0	37.0	0.0	0.0	0.0	278.6	8.1
	Tomato Jam	0.9	0.0	0.9	0.0	1.8	0.0	6.3	0.0	4.5	0.0	4.5	0.0	18.9	0.8
	Carrot	28.5	0.0	28.5	0.0	23.0	0.0	3.0	0.0	4.0	0.0	3.0	0.0	90.0	3.6
	Green Pepper	28.9	0.0	28.9	0.0	39.0	0.0	37.4	0.0	36.2	0.0	36.2	0.0	206.7	7.7
	Coloured Pepper	16.0	15.5	16.0	15.5	34.0	31.0	34.0	31.0	34.0	31.0	34.0	31.0	168.0	10.0
	Sweetcorn	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.5
SOUTH AND ORANGE RIVER	Tomato Round	653.3	430.0	653.3	430.0	1307.2	860.0	1300.5	860.0	1300.5	0.0	900.5	0.0	6115.4	98.2
	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	10.2	0.0	22.2	0.0	0.2	0.0	27.0	0.0	0.0	0.0	0.0	0.0	59.5	1.9
	Green Pepper	268.8	0.0	268.8	0.0	531.0	0.0	531.3	0.0	0.3	0.0	0.3	0.0	1600.6	30.8
	Coloured Pepper	119.7	13.3	119.7	13.3	239.4	26.6	239.4	26.6	239.4	26.6	0.0	0.0	957.6	10.0
	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
Total expected per crop per month	Tomato Round	744.0	430.0	741.2	430.0	1438.0	860.0	1351.4	860.0	1339.0	0.0	900.7	0.0	6514.2	111.7
	Tomato Jam	76.3	0.0	92.3	0.0	223.1	0.0	1201.1	0.0	35.9	0.0	112.5	0.0	1741.3	27.0
	Carrot	270.7	0.0	253.4	0.0	564.3	0.0	444.4	0.0	4.0	0.0	3.0	0.0	1539.7	40.5
	Green Pepper	309.8	0.0	310.1	0.0	590.4	0.0	583.6	0.0	41.0	0.0	39.0	0.0	1873.8	43.0
	Coloured Pepper	135.7	28.8	135.7	28.8	273.4	57.6	273.4	57.6	273.4	57.6	34.0	31.0	1125.6	20.0
	Sweetcorn	0.9	0.0	0.9	0.0	34.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.5	3.00

Table 2B continued...

Table 2B: EXPECTED PRODUCTION OF MONITORED PRODUCTS PER CROP PER AREA														
PRODUCTION AREA	CROP											Totals		
		Jul-21		Aug-21		Sep-21		Oct-21		Nov-21		Expected tonnage	Hectares planted	
		Local	Export	Local	Export	Local	Export	Local	Export	Local	Export			
ZAMBEZI	Spinach	0.2		0.2		0.2		0.0		0.0		0.6	0.1	
KAVANGO	Spinach	0.8		1.2		0.3		0.3		0.3		2.9	0.4	
NORTH CENTRAL	Spinach	0.5		0.6		0.5		0.0		0.0		1.5	0.2	
KARST	Spinach	0.1		0.1		0.1		0.0		0.0		0.4	0.1	
CENTRAL	Spinach	33.8		33.2		32.7		25.0		25.0		149.6	11.6	
SOUTH AND ORANGE RIVER	Spinach	0.3		0.3		0.0		0.0		0.0		0.7	0.2	
Total expected tonnage per crop per month	Spinach	35.7	0.0	35.6	0.0	33.7	0.0	25.3	0.0	25.3	0.0	155.7	12.6	

3. EXPECTED AVAILABILITY

Table 3 illustrates active producers that expect to harvest the special controlled products as well as monitored products as given table 3 below. It is worth noting that even though Sweetcorn is a Special Controlled product, there are only four farmers that produce this specific crop for the forecasted period, suggesting a need for producers to diversify their production with this product line.



























































TABLE 3A : EXPECTED AVAILABILITY OF SPECIAL CONTROLLED PRODUCTS																																		
KEYS: Tomato Round =  Tomato Jam =  Carrot =  Green Pepper =  Coloured Pepper =  Sweetcorn = 																																		
ZAMBEZI AREA																																		
SN	Name Of Producer	Local	Export	01 to 15 Jul 2021						16 to 31 Jul 2021					Aug-21					Sep-21					Oct-21					Nov-21				
				Tomato Round	Tomato Jam	Carrot	Green pepper	Coloured pepper	Sweet Corn	Tomato Round	Tomato Jam	Carrot	Green Pepper	Coloured pepper	Sweet Corn	Tomato Round	Tomato Jam	Carrot	Green pepper	Coloured pepper	Sweet Corn	Tomato Round	Tomato Jam	Carrot	Green Pepper	Coloured pepper	Sweet Corn	Tomato Round	Tomato Jam	Carrot	Green pepper	Coloured pepper	Sweet Corn	
1	Mulemwa Goasis	√																																
2	Elina Kalundu	√																																
3	Benedict Musiyalike	√																																
4	Nanvula Lilungwe	√																																
5	Martin Mutonga	√																																
6	Bernard M Silwabubi	√																																
7	Agness Matongo	√																																
8	Raphael Simataa	√																																
9	Lucious Chataa	√																																
10	Moddest Kakula	√																																
11	Pitiya Paul	√																																
12	James Walubita	√																																
13	Clement Simasiku	√																																
14	Ilunga Mahongo Kennedy	√																																
15	George Nalisa	√																																
16	Sihela Vivian	√																																
17	Regina Mayumbelo	√																																
18	Simasiku Songah	√																																
19	Rosco Misika Lukubwe	√																																
20	Mutelo Rector	√																																
21	Molly M. Mulife	√																																
22	Hans Matiti	√																																
23	Cavin Sikalumba	√																																
24	Clemens Makumbi	√																																
25	Lima Farms & Agric Services cc	√																																

Table 3 continued...

26	Jerome Lubanda	✓	•			•				•										
27	Jonathan Kamwi	✓	•		•	•		•		•										
28	Bernard Sitali	✓	•			•														
29	Clement Mulyokela	✓	•		•					•				•						
30	Kamwi Lubanda	✓		•				•			•			•						
KAVANGO AREA																				
1	Kamanga Thitoya	✓			•					•				•						
2	Thikusho Manfred	✓									•			•	•				•	
3	Thadeus Mushambe	✓			•					•				•	•				•	
4	Mukwangu Jonathan	✓		•	•					•				•	•					•
5	Johannes Haufiku	✓		•						•	•									
6	Regina Ngombe	✓									•								•	•
7	Henock Katanga	✓	•																	
8	Angelika Kavaleka	✓												•						
9	Eunike Andreas	✓	•							•										
10	Juakina Andreas	✓	•							•				•						
11	Theresia Ambrosius	✓			•															
12	Boysen Mutelo	✓		•	•					•				•						
13	Wilhelm Ndungulo	✓			•															
14	Raphael Kampanze	✓		•						•										
15	Augustinus Poroto	✓		•	•					•	•			•						•
16	Hendrick Locke	✓		•						•										
NORTH CENTRAL AREA																				
1	Paulus Amutenya	✓		•	•					•	•			•						
2	Michael Shiningayamwe	✓																	•	
3	Immanuel Nafele	✓								•				•						
4	Abner Shikongo	✓		•						•				•						•
5	Abner Negonga	✓												•						
6	Alalicky Onesmus	✓								•				•						
7	Emillie Naunyango	✓		•	•					•	•			•						

Table 3 continued...

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 Round, Carrot, Colour and Green Pepper will be Sufficient in the July month. Whereas, Tomato Jam will be slightly insufficient in the first two Weeks of July 2021 and a huge shortage for Sweetcorn during the whole forecasted period of 01 July to 30 November 2021. Suggesting a need for producers to expand sweetcorn production and meet domestic demand.

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 Jul 21	16-31 Jul 21	Aug-21	Sep-21	Oct-21	Nov-21	TOTAL
Tomato Round	Expected for Domestic Market	744.0	741.2	1438.0	1351.4	1339.0	900.7	6514.2
	Average Domestic Demand	224.5	224.5	449.0	449.0	449.0	449.0	2245.0
	Surplus /Shortage	519.5	516.7	989.0	902.4	890.0	451.7	4269.2
Tomato Jam	Expected for Domestic Market	76.3	92.3	223.1	1201.1	35.9	112.5	1741.3
	Average Domestic Demand	82.0	82.0	164.0	164.0	164.0	164.0	820.0
	Surplus /Shortage	-5.7	10.3	59.1	1037.1	-128.1	-51.5	921.3
Carrot	Expected for Domestic Market	270.7	253.4	564.3	444.4	4.0	3.0	1539.7
	Average Domestic Demand	236.0	236.0	472.0	472.0	472.0	472.0	2360.0
	Surplus /Shortage	34.7	17.4	92.3	-27.7	-468.0	-469.0	-820.3
Green Pepper	Expected for Domestic Market	309.8	310.1	590.4	583.6	41.0	39.0	1873.8
	Average Domestic Demand	106.0	106.0	212.0	212.0	212.0	212.0	1060.0
	Surplus /Shortage	203.8	204.1	378.4	371.6	-171.0	-173.0	813.8
Colour Pepper	Expected for Domestic Market	135.7	135.7	273.4	273.4	273.4	34.0	1125.6
	Average Domestic Demand	49.8	49.8	99.6	99.6	99.6	99.6	498.0
	Surplus /Shortage	85.9	85.9	173.8	173.8	173.8	-65.6	627.6
Sweetcorn	Expected for Domestic Market	0.9	0.9	34.8	0.0	0.0	0.0	36.5
	Average Domestic Demand	35.0	35.0	70.0	70.0	70.0	70.0	350.0
	Surplus /Shortage	-34.1	-34.1	-35.3	-70.0	-70.0	-70.0	-313.5

Table 4B: EXPECTED PRODUCTION OF MONITORED PRODUCTS VERSUS DOMESTIC DEMAND ANALYSIS							
		Numbers in this table represents Tonnage					
Crop	Expected Shortage or Surplus	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	TOTAL
Spinach	Expected for Domestic Market	35.7	35.6	33.7	25.3	25.3	155.66
	Average Domestic Demand	46.0	46.0	46.0	46.0	46.0	230.00
	Surplus /Shortage	-10.3	-10.4	-12.3	-20.7	-20.7	-74.34

Source: NAB, 2021

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 sufficient supply of Tomato Round and Jam, Colour and Green Pepper in 01 to 31 July 2021 permit period.

