



Colour Pepper



Tomato Round



Tomato Jam



Carrot



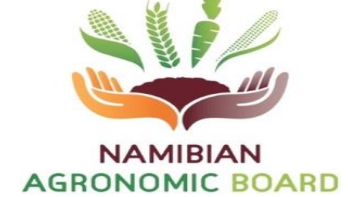
Green Pepper



Spinach



Sweetcorn



HORTICULTURE: VEGETABLES PRODUCTION FORECAST

REPORT NO.2

FORECASTED PERIOD:

01 JANUARY 2022 TO 31 MAY 2022

Agronomy and Horticulture Market Development Division

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1. INTRODUCTION

Report no. 2, covers the local production forecast for the six special controlled products i.e. **Tomato (Round & Jam), Green Pepper, Colour Pepper, Carrot, Spinach and Sweetcorn**. 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. 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. Sweet Corn	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 Sweet Corn. All Frozen, dried, cooked and preserved. Sweet Corn (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: Shows that, Tomato Round, Carrot, and Green Pepper respectively are the top commodities with high-expected tonnages during the forecasted period. Detailed information for expected production, per crop per production zone are shown in Table 2 below.

Table 2: EXPECTED PRODUCTION OF SPECIAL CONTROLLED PRODUCTS PER CROP PER AREA															
PRODUCTION AREA	CROP	Numbers in the table below represents tonnage												Totals	
		01-15 Jan 22		16-31 Jan 22		Feb-22		Mar-22		Apr-22		May-22			
		Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Local	Export	Local	Export
ZAMBEZI	Tomato Round	6.0	0.0	14.4	0.0	48.2	0.0	9.9	0.0	0.5	0.0	0.0	0.0	79.0	2.5
	Tomato Jam	0.4	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0
	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	1.1	0.0	1.3	0.0	3.8	0.0	3.2	0.0	2.7	0.0	1.5	0.0	13.6	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
	Spinach	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	10.3	0.0	16.4	0.0	27.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54.2	2.0
	Tomato Jam	10.2	0.0	13.2	0.0	9.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	35.3	1.7
	Carrot	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.1
	Green Pepper	2.5	0.0	2.5	0.0	2.8	0.0	2.3	0.0	0.0	0.0	0.0	0.0	10.2	1.1
	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
	Spinach	0.8	0.0	0.8	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.7
	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	40.9	0.0	54.3	0.0	50.1	0.0	51.1	0.0	11.3	0.0	0.0	0.0	207.7	7.8
	Carrot	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	6.3	0.3
	Green Pepper	3.6	0.0	3.6	0.0	7.6	0.0	6.9	0.0	6.2	0.0	3.3	0.0	31.2	1.7
	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
	Spinach	5.0	0.0	5.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	3.0
	Sweetcorn	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.5	0.0

Table 2 continued

KARST	Tomato Round	62.0	0.0	59.0	0.0	137.0	0.0	104.5	0.0	103.5	0.0	103.5	0.0	569.5	16.1
	Tomato Jam	101.0	0.0	148.5	0.0	255.7	0.0	194.7	0.0	124.7	0.0	102.0	0.0	926.6	22.4
	Carrot	265.0	0.0	282.0	0.0	386.5	0.0	350.0	0.0	350.0	0.0	350.0	0.0	1983.5	47.6
	Green Pepper	24.7	0.0	25.9	0.0	57.6	0.0	55.4	0.0	43.9	0.0	41.9	0.0	249.5	15.4
	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
	Spinach	3.4	0.0	3.6	0.0	7.2	0.0	7.2	0.0	7.2	0.0	7.2	0.0	35.7	1.3
	Sweetcorn	16.0	0.0	18.0	0.0	7.0	0.0	7.0	0.0	7.0	0.0	7.0	0.0	62.0	10.3
CENTRAL	Tomato Round	125.6	0.0	118.9	0.0	252.8	0.0	238.6	0.0	11.1	0.0	6.7	0.0	753.6	9.1
	Tomato Jam	7.8	0.0	7.8	0.0	15.5	0.0	15.5	0.0	0.0	0.0	0.0	0.0	46.5	0.6
	Carrot	15.0	0.0	15.0	0.0	30.0	0.0	30.0	0.0	30.0	0.0	30.0	0.0	150.0	5.0
	Green Pepper	94.4	0.0	95.8	0.0	185.6	0.0	185.6	0.0	134.6	0.0	88.6	0.0	784.5	7.1
	Coloured Pepper	85.0	0.0	85.0	0.0	170.0	0.0	170.0	0.0	170.0	0.0	170.0	0.0	850.0	4.0
	Spinach	5.5	0.0	5.5	0.0	6.0	0.0	6.0	0.0	6.0	0.0	6.0	0.0	35.0	2.0
	Sweetcorn	3.3	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	1.0
SOUTH AND ORANGE RIVER	Tomato Round	156.8	0.0	191.8	0.0	383.7	0.0	283.7	0.0	252.0	0.0	140.0	0.0	1408.0	18.6
	Tomato Jam	2.7	0.0	2.7	0.0	5.3	0.0	5.3	0.0	0.0	0.0	0.0	0.0	16.0	0.2
	Carrot	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	20.0	0.5
	Green Pepper	11.9	0.0	16.1	0.0	55.6	0.0	55.6	0.0	50.6	0.0	43.6	0.0	233.3	3.1
	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
	Spinach	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	3.8	0.0	3.8	0.0	7.5	0.0	7.5	0.0	7.5	0.0	7.5	0.0	37.5	2.5
Total expected per crop per month	Tomato Round	360.6	0.0	400.5	0.0	849.2	0.0	636.7	0.0	367.1	0.0	250.2	0.0	2864.3	48.3
	Tomato Jam	163.0	0.0	226.8	0.0	336.0	0.0	269.6	0.0	136.0	0.0	102.0	0.0	1233.3	32.7
	Carrot	281.0	0.0	297.0	0.0	416.5	0.0	380.0	0.0	406.3	0.0	380.0	0.0	2160.8	53.4
	Green Pepper	138.1	0.0	145.2	0.0	313.0	0.0	309.1	0.0	238.0	0.0	178.8	0.0	1322.2	29.4
	Coloured Pepper	85.0	0.0	85.0	0.0	170.0	0.0	170.0	0.0	170.0	0.0	170.0	0.0	850.0	4.0
	Spinach	14.7	0.0	14.9	0.0	24.8	0.0	13.2	0.0	13.2	0.0	13.2	0.0	93.9	7.0
	Sweetcorn	23.1	0.0	25.1	0.0	14.6	0.0	14.6	0.0	14.6	0.0	14.6	0.0	106.5	13.76

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 and Tomato Jam, Carrot, Green Pepper, Colour Pepper and Sweetcorn are expected to be Sufficient in the entire permit period of 01 to 31 January 2022. Spinach will be insufficient in the entire forecasted Period.

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 Jan 22	16-31 Jan 22	Feb-22	Mar-22	Apr-22	May-22	TOTAL
Tomato Round	Expected for Domestic Market	360.6	400.5	849.2	636.7	367.1	250.2	2864.3
	Average Domestic Demand	194.0	194.0	388.0	388.0	388.0	388.0	1940.0
	Surplus /Shortage	166.6	206.5	461.2	248.7	-20.9	-137.8	924.3
Tomato Jam	Expected for Domestic Market	163.0	226.8	336.0	269.6	136.0	102.0	1233.3
	Average Domestic Demand	82.0	82.0	164.0	164.0	164.0	164.0	820.0
	Surplus /Shortage	81.0	144.8	172.0	105.6	-28.0	-62.0	413.3
Carrot	Expected for Domestic Market	281.0	297.0	416.5	380.0	406.3	380.0	2160.8
	Average Domestic Demand	254.8	254.8	509.5	509.5	509.5	509.5	2547.6
	Surplus /Shortage	26.2	42.2	-93.0	-129.5	-103.3	-129.5	-386.9
Green Pepper	Expected for Domestic Market	138.1	145.2	313.0	309.1	238.0	178.8	1322.2
	Average Domestic Demand	57.0	57.0	114.0	114.0	114.0	114.0	569.7
	Surplus /Shortage	81.2	88.2	199.0	195.1	124.0	64.9	752.4
Colour Pepper	Expected for Domestic Market	85.0	85.0	170.0	170.0	170.0	170.0	850.0
	Average Domestic Demand	49.8	49.8	99.6	99.6	99.6	99.6	498.0
	Surplus /Shortage	35.2	35.2	70.4	70.4	70.4	70.4	352.0
Sweetcorn	Expected for Domestic Market	23.1	25.1	14.6	14.6	14.6	14.6	106.5
	Average Domestic Demand	22.5	22.5	45.0	45.0	45.0	45.0	225.0
	Surplus /Shortage	0.6	2.6	-30.4	-30.4	-30.4	-30.4	-118.5
Spinach	Expected for Domestic Market	14.7	14.9	24.8	13.2	13.2	13.2	93.9
	Average Domestic Demand	20.3	20.3	40.6	40.6	40.6	40.6	203.0
	Surplus /Shortage	-5.6	-5.4	-15.8	-27.4	-27.4	-27.4	-109.1

4.2 GRAPHICAL ANALYSIS

Figures 1- 7: Below indicate the expected Local Tonnage, average domestic demand and export analysis per crop, we therefore have sufficient supply of Tomato Round and Jam, Sweet Corn, Colour Pepper, Green Pepper and Carrot from 01 to 31 January 2022.

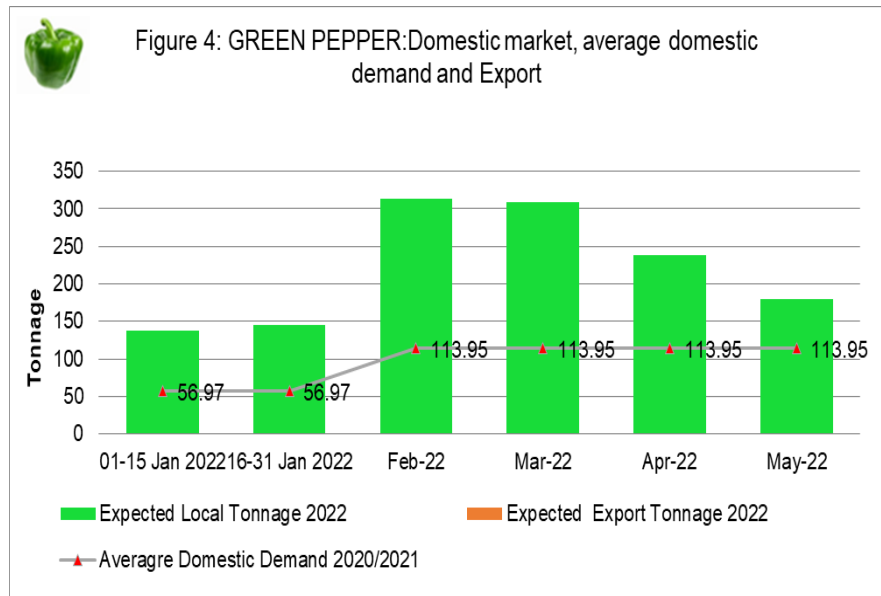
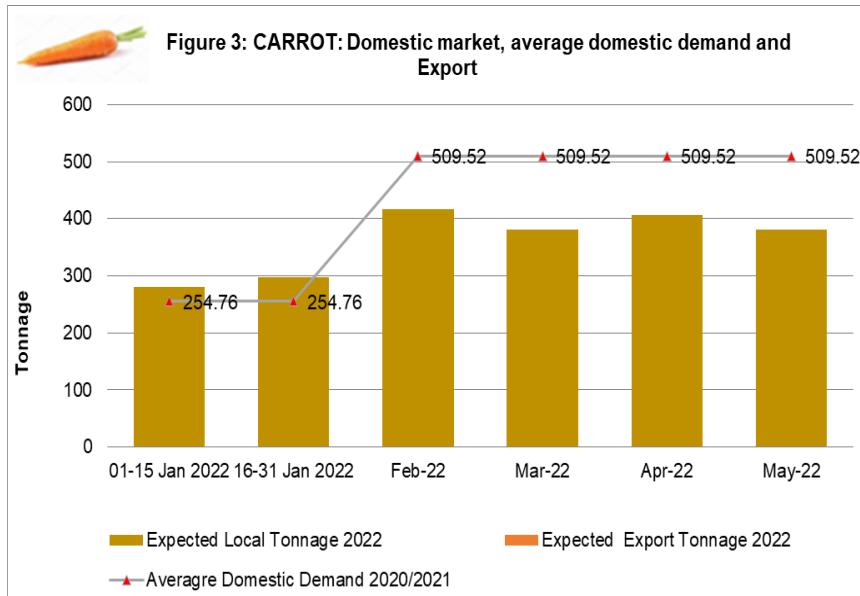
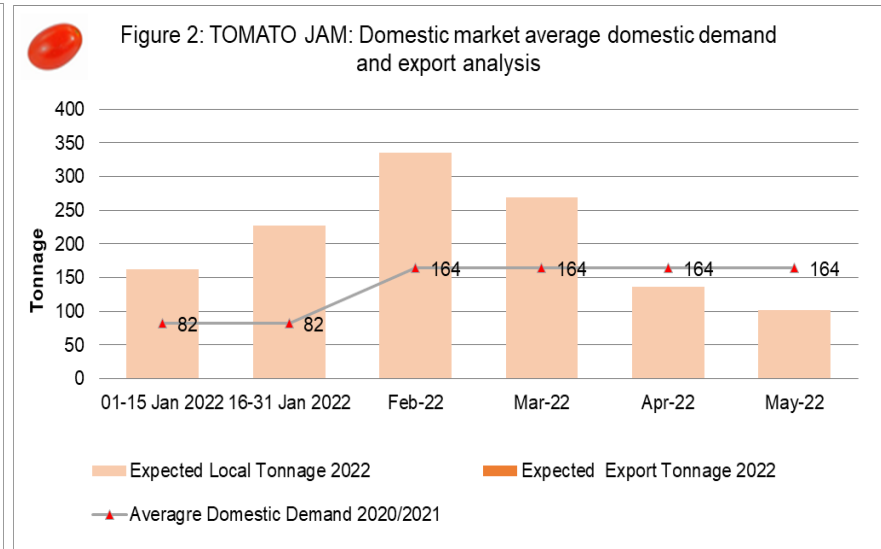
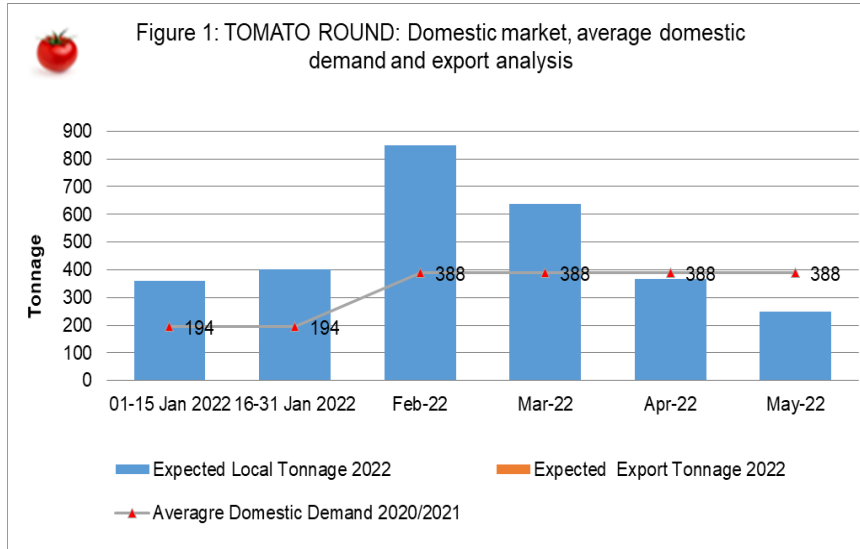




Figure 5: SWEETCORN :Domestic market, average domestic demand and export

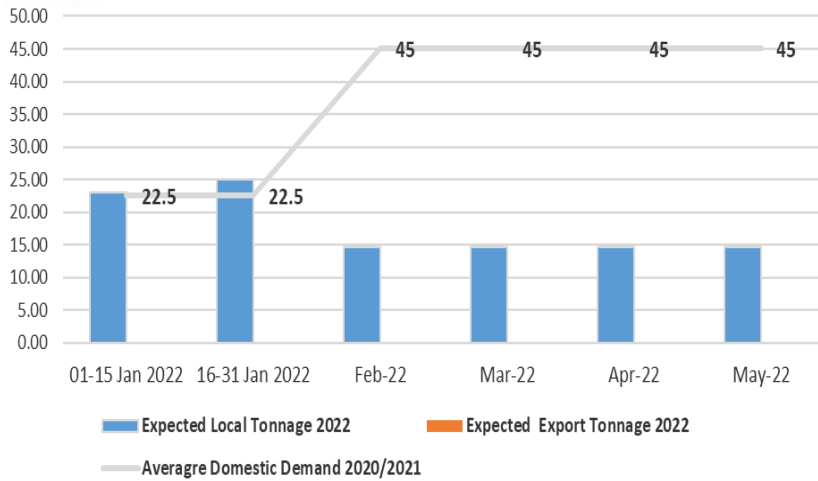


Figure 6: COLOUR PEPPER :Demestic market,average domsetic demand and export

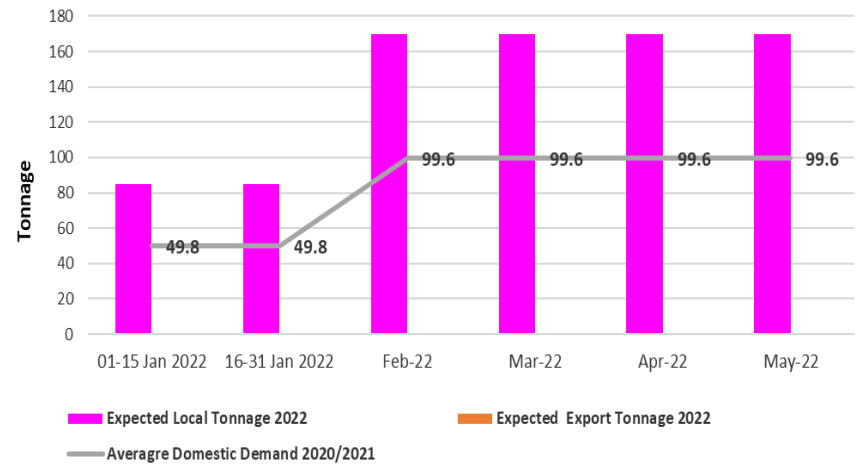


Figure 7 : SPINACH: Demostic market, average domestic demand and export

