



Butternuts



Cabbage



Gem Squash



Onions



Potatoes



Broccoli



Cauliflower



HORTICULTURE: VEGETABLES PRODUCTION FORECAST

REPORT NO 1

FORECASTED PERIOD:

01 NOVEMBER 2020 TO 31 MARCH 2021

**Agronomy and Horticulture Market Development
Division**

Horticulture Market Development Subdivision

Enquiries: Paulina Sheehama

Cell: +264813003320

Email: Paulina.Sheehama@nab.com.na

1. INTRODUCTION

Report no. 1, covers the local production forecast for the **five special controlled crops** i.e. **Potato, Onion, Butternut, Cabbage and Gem Squash** as well as the **two monitored crops** i.e. **Broccoli and Cauliflower**. 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 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 forecasted per area, Crops that are expected to be available per particular producer, tabulation and graphical analysis on expected production versus local demand and subsequently the hectares planted and average yield expected per hectares for this reporting period.

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

| Product | Inclusions | Exclusions |
|---------------|--|--|
| 1.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). |
| 2. 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). |
| 3. 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). |
| 4. 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). |
| 5. 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). |

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 November 2020 to 31 March 2021 | | | | | | | | | | | | | |
|---|--|---------|--------|---------|--------|---------|--------|--------|--------|--------|--------|---------------------------------|--------------------|
| Numbers in the table below represents tonnage | | | | | | | | | | | | Last updated: 16 October 2020 | |
| PRODUCTION AREAS | Special controlled and monitored crops | Nov-20 | | Dec-20 | | Jan-21 | | Feb-21 | | Mar-21 | | Total (for the 5 months period) | |
| | | Local | 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 |
| | Cabbage | 60.10 | 0.00 | 57.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 117.80 | 2.66 |
| | 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 |
| | Onions | 16.41 | 0.00 | 11.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 27.46 | 1.05 |
| KAVANGO REGIONS | Butternuts | 135.99 | 0.00 | 75.00 | 0.00 | 45.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 256.90 | 14.16 |
| | Cabbage | 111.76 | 0.00 | 27.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 138.81 | 3.37 |
| | 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 |
| | Onions | 56.31 | 0.00 | 23.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 80.08 | 5.55 |
| | 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 |
| NORTH CENTRAL | Butternuts | 60.01 | 0.00 | 51.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 111.86 | 9.10 |
| | Cabbage | 256.96 | 0.00 | 184.88 | 0.00 | 117.30 | 0.00 | 137.70 | 0.00 | 0.00 | 0.00 | 696.83 | 23.79 |
| | 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 |
| | onions | 8.50 | 0.00 | 1.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 0.65 |
| KARSTLAND | Butternuts | 34.85 | 0.00 | 197.20 | 0.00 | 46.75 | 0.00 | 12.75 | 0.00 | 89.25 | 0.00 | 380.80 | 16.75 |
| | Cabbage | 421.60 | 0.00 | 463.25 | 0.00 | 262.65 | 0.00 | 343.40 | 0.00 | 530.40 | 0.00 | 2021.30 | 39.34 |
| | Gem squash | 22.78 | 0.00 | 4.76 | 0.00 | 3.15 | 0.00 | 3.15 | 0.00 | 3.15 | 0.00 | 36.98 | 2.25 |
| | Onions | 1331.95 | 276.25 | 306.00 | 85.00 | 12.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2011.95 | 44.80 |
| | Potatoes | 1385.50 | 0.00 | 1037.00 | 0.00 | 1236.75 | 0.00 | 425.00 | 0.00 | 425.00 | 0.00 | 4509.25 | 116.20 |
| CENTRAL | Butternuts | 0.00 | 0.00 | 35.70 | 0.00 | 51.00 | 0.00 | 76.50 | 0.00 | 0.00 | 0.00 | 163.20 | 6.40 |
| | Cabbage | 141.10 | 0.00 | 317.05 | 0.00 | 236.33 | 0.00 | 183.60 | 0.00 | 0.00 | 0.00 | 878.08 | 20.80 |
| | Gem squash | 12.75 | 0.00 | 51.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 63.75 | 2.50 |
| | Onions | 161.50 | 571.20 | 27.20 | 0.00 | 8.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 768.40 | 15.55 |
| | Potatoes | 170.00 | 0.00 | 1830.05 | 0.00 | 746.30 | 0.00 | 920.55 | 0.00 | 425.00 | 0.00 | 4091.90 | 113.20 |
| SOUTH AND ORANGE RIVER | Butternuts | 286.88 | 172.13 | 368.48 | 172.13 | 155.55 | 0.00 | 85.00 | 0.00 | 51.00 | 0.00 | 1291.15 | 47.36 |
| | Cabbage | 165.75 | 0.00 | 72.25 | 0.00 | 21.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 259.25 | 4.80 |
| | Gem squash | 34.00 | 0.00 | 59.33 | 0.00 | 48.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 142.21 | 5.71 |
| | Onions | 52.40 | 0.00 | 135.58 | 0.00 | 157.25 | 0.00 | 51.00 | 0.00 | 51.00 | 0.00 | 447.23 | 12.13 |
| Total expected production tonnage per crop per month | Butternuts | 518 | 172 | 728 | 172 | 299 | 0 | 174 | 0 | 140 | 0 | 2204 | 94 |
| | Cabbage | 1157 | 0 | 1122 | 0 | 638 | 0 | 665 | 0 | 530 | 0 | 4112 | 95 |
| | Gem Squash | 70 | 0 | 115 | 0 | 52 | 0 | 3 | 0 | 3 | 0 | 243 | 10 |
| | Onions | 1627 | 847 | 505 | 85 | 179 | 0 | 51 | 0 | 51 | 0 | 3345 | 80 |
| | Potatoes | 1556 | 0 | 2867 | 0 | 1983 | 0 | 1346 | 0 | 850 | 0 | 8601 | 229 |
| | Broccoli | 14.44 | 0 | 13.015 | 0 | 12.825 | 0 | 7.125 | 0 | 7.125 | 0 | 55 | 5 |
| | Cauliflower | 14.44 | 0 | 13.015 | 0 | 12.825 | 0 | 7.125 | 0 | 7.125 | 0 | 55 | 5 |

Source : NAB,2020

3. THE AVAILABILITY OF THE EXPECTED CROPS PER PRODUCERS

Table 3A shows the availability of the expected **special controlled crops** per area, per producer. Traders are advised to contact these producers to arrange and place orders on time to avoid delays. During this reporting period, cabbage and onions are expected to be available in all production areas.

















































| Table 3 A: THE FIVE MONTHS EXPECTED AVAILABILITY OF THE SPECIAL CONTROLLED CROPS (Butternuts, Cabbage, Gem squash, Onions and Potatoes) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|--------------|--------|----------------|---------|---|--------|---|----------------|---------|---|--------|---|---|--|---|--------|----------|------------|---------|------------|--------|----------|------------|-------------------------------|------------|--------|----------|--------|--|--|--|--|
| KEY : BUTTERNUTS =  CABBAGE =  GEM SQUASH =  ONIONS =  POTATOES =  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PERIOD: 01 November 2020 to 31 March 2021 | | | | | | | | | | | | | | | | | | | | | | | | | Last updated: 16 October 2020 | | | | | | | | |
| NAME OF PRODUCER | Target Market | | | 01-15 Nov 2020 | | | | | 16-30 Nov 2020 | | | | | Dec-20 | | | | | Jan-21 | | | | | Feb-21 | | | | | Mar-21 | | | | |
| | Local informal | Local Formal | Export | Butternuts | Cabbage | Gem Squash | Onions | Potatoes | Butternuts | Cabbage | Gem Squash | Onions | Potatoes | Butternuts | Cabbage | Gem Squash | Onions | Potatoes | Butternuts | Cabbage | Gem Squash | Onions | Potatoes | Butternuts | Cabbage | Gem Squash | Onions | Potatoes | | | | | |
| ZAMBEZI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Alex Lisao | ✓ | ✓ | | |  | |  | | |  | |  | | | | | | | | | | | | | | | | | | | | |
| 2 | Benedicts Musialike | ✓ | ✓ | | |  | | | | |  | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Bernard Sitali | ✓ | ✓ | | | | |  | | | | |  | | | | | | | | | | | | | | | | | | | | |
| 4 | Bertha Maswahu | ✓ | ✓ | | |  | | | | |  | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Cavin Sikalumba | ✓ | ✓ | | |  | | | | |  | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Clemens Makumbi | ✓ | ✓ | | | | |  | | | | |  | | | | | | | | | | | | | | | | | | | | |
| 7 | Clement Mulyokela | ✓ | ✓ | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | |
| 8 | Elina Kalundu | ✓ | ✓ | | |  | | | | |  | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Fabian Sisamu | ✓ | ✓ | | | | |  | | | | |  | | | | | | | | | | | | | | | | | | | | |
| 10 | George Nalisa | ✓ | ✓ | | | | | | | |  | | | |  | | | | | | | | | | | | | | | | | | |
| 11 | Imelda Mahulilo | ✓ | ✓ | | | | |  | | | | |  | | | | | | | | | | | | | | | | | | | | |
| 12 | Laimi Likando | ✓ | ✓ | | | | | | | |  | | | | |  | | | | | | | | | | | | | | | | | |
| 13 | Mbeha Fidelis M | ✓ | ✓ | | |  | | | | |  | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Mpulila Manga | ✓ | ✓ | | |  | | | | |  | | | | | | | | | | | | | | | | | | | | | | |
| 15 | Mukwata Morven | ✓ | ✓ | | |  | | | | |  | | | | | | | | | | | | | | | | | | | | | | |
| 16 | Ngalaule Pelekelo | ✓ | ✓ | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | |
| 17 | Pitiya Paul Tiyango | ✓ | ✓ | | |  | |  | | |  | |  | | | | | | | | | | | | | | | | | | | | |
| 18 | Rector Mutelo | ✓ | ✓ | | |  | | | | |  | | | | | | | | | | | | | | | | | | | | | | |
| 19 | Suhail (kamunu Garden) | ✓ | ✓ | | |  | | | | |  | | | | | | | | | | | | | | | | | | | | | | |
| 20 | Tereriai Msakwa Ndeleki | ✓ | ✓ | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | |
| 21 | Vasco Samwaka | ✓ | ✓ | | |  | | | | |  | | | | | | | | | | | | | | | | | | | | | | |

Table 3A continues...

| KAVANGO REGIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|----------------|--------------|--------|----------------|--|--|--|----------------|--|--|--|--------|--|--|--|--------|--|--|--|--------|--|--|--|--------|--|--|--|
| NAME OF PRODUCER | Local informal | Local Formal | Export | 01-15 Nov 2020 | | | | 16-30 Nov 2020 | | | | Dec-20 | | | | Jan-21 | | | | Feb-21 | | | | Mar-21 | | | |
| 1 Agatha Muronga | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 Agnes Sikongo | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 Annastacia Fulai | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 Bertha Nguvulu | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 Elizabeth Johannes | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 Eunike Ntjamba | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 Fillemon Katoma | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 Juakina Andreas | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 Kampuru Ngoma | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 Laurentia Nkandanga | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 Magdalena Simuketa | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 Mupetami Nicanor | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 Muronga Mayira | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 Muronga Mpareke | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 Ndongalinena GSIP | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 Ndongalinena Small Scale P | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 Raphael Kampanza | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 Rosa Musenge | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 Rustie H. Kleynhans | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 Thephilie Liyando | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 Theresia Makanga | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 Toini Usiku | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 Uhvungu Vungu GSIP | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 Virginia Mukoya | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTH CENTRAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 Abisai Amashili | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 Abner Negonga | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 Akathigo & Ismael Kapuka | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 Andreas Ashimbanga | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 Andreas Shihepo | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 Asser Moses | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 Chrisna Greeff | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 Elifas Keendjele | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 Elifas Nuuyoma | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 Elise Auino | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 Emilie Marais | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | |

Table 3A continues...





















































































































































| KARSTLAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|------------------------------|----------------|--------------|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|---|---|--|---|---|---|---|---|---|---|---|---|--|--|
| NAME OF PRODUCER | | Local informal | Local Formal | Export | 01-15 Nov 2020 | | | | | 16-30 Nov 2020 | | | | | Dec-20 | | | | Jan-21 | | | | Feb-21 | | | | Mar-21 | | | | | | | | |
| 1 | Alfeus Angula | ✓ | ✓ | | | | | | |  |  | | | | |  |  | | | | | | | | | | | | | | | | | | |
| 2 | Cobus Coetzee | ✓ | ✓ | ✓ | | | |  |  | | | | |  |  | | | | | | | | | | | | | | | | | | | | |
| 3 | Edward Amadhila | ✓ | ✓ | | |  | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Elizabeth & Erick van Druten | ✓ | ✓ | | | | |  | | | | | | |  | | | | | | | | | | | | | | | | | | | | |
| 5 | Elizabeth Nekundi | ✓ | ✓ | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | |
| 6 | Elke Naude | ✓ | ✓ | | | | | | | |  |  | | | | |  |  | | | | | | | | | | | | | | | | | |
| 7 | Epafras E. Haimene | ✓ | ✓ | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Fredrik Haixwa | ✓ | ✓ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | H. van Eeden | ✓ | ✓ | ✓ | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Hansie van der Merwe | ✓ | ✓ | | |  | | | | |  |  |  | | | |  |  |  | | | |  | | |  |  | | |  |  | | | | |
| 11 | Johann A. Cloete | ✓ | ✓ | | | | | | | | | | | | | | |  | | | | | | | | |  | | | |  | | | | |
| 12 | J.P.J Swanepoel | ✓ | ✓ | | |  | | | | | |  | | | | |  |  | | | | | | |  |  | | |  | | |  | | | |
| 13 | Liza and Jan van der Merwe | ✓ | ✓ | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | |
| 14 | Loui Smit | ✓ | ✓ | ✓ | |  |  |  | | |  |  |  |  | | |  |  | | |  |  | | |  | | |  | |  | | |  | | |
| 15 | Ludie Kolver | ✓ | ✓ | ✓ | | | | |  | | | | | | | | | | | | | | | | | | |  | | | | |  | | |
| 16 | Magano Kapia | ✓ | ✓ | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | |
| 17 | Mark von Maltzahl | ✓ | ✓ | | |  | | | | | |  | | | | | |  | | | | | | | | |  | | | |  | | | | |
| 18 | Michael Iyambo | ✓ | ✓ | ✓ | | | | | | | |  | | | | | |  | | | | | | | |  | | | | | | | | | |
| 19 | Ndinelago Tshiguuo | ✓ | ✓ | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | |
| 20 | Neels van der Merwe | ✓ | ✓ | | |  | |  | | | |  | | |  | | | | | | | | | | | | | | | | | | | | |
| 21 | Peter Kawana | ✓ | ✓ | | |  | | | | | |  | | | | | |  | | | | | | | | | | | | | | | | | |
| 22 | Peter T Erasmus | ✓ | ✓ | |  |  | |  | | | |  |  | |  | | | |  | | | |  | | |  | |  | | | | | | | |
| 23 | Phelep Pendukeni | ✓ | ✓ | | | | | | | | |  | | | | | | |  | | | | | | |  | |  | | | | | | | |
| 24 | Theopauline Ruiter | ✓ | ✓ | | | | | | | | |  |  | | | | |  |  | | | | | | |  | | | |  | | | | | |
| 25 | Thilo Himmel | ✓ | ✓ | ✓ | |  | | | | | |  | | | |  | | |  | | | | | | | | | | | | | | | | |
| 26 | Willem Lottering | ✓ | ✓ | ✓ | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | Willem Shali | ✓ | ✓ | ✓ | | | | | | | |  | | | | | |  | | | | | | | | | | | | | | | | | |
| CENTRAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Danie Marais | ✓ | ✓ | | | | | | | | |  | | | | | | |  | | | |  | | | | | | | | | | | | |
| 2 | Etienne Jooste | ✓ | ✓ | | | | | | | | | | | | | | | | | | | |  | | | |  | | | |  | | | | |
| 3 | Gavin Diergaardt | ✓ | ✓ | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | |
| 4 | Geral Heiser | ✓ | ✓ | | | | | | | | | | | | | | |  | | | | | | | |  | | | | | | | | | |
| 5 | Hagen Horsthmark | ✓ | ✓ | | | | | | | | | | | | | | | |  | | | | | |  |  | | |  |  | | | | | |
| 6 | Hubertus Gaochab | ✓ | ✓ | | | | | | | | | | | | | | | |  | | | |  | | | | | | | | | | | | |
| 7 | Jaco Thomas | ✓ | ✓ | | | | | | | | | | | | | | | |  | | |  | | | | | | | | | | | | | |

Table 3A continues...

[illegible][illegible]

Kindly note that producers who wash potatoes in Namibia includes: 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

Table 3B shows the availability of the two monitored crops (broccoli and cauliflowers) which are expected to be available only in the Karst and central production areas during this reporting period.

| Table 3 B: THE FIVE MONTHS EXPECTED AVAILABILITY OF THE MONITORED CROPS (Broccoli and Cauliflower) | | | | | | | | | | | | | | | |
|--|-------------------|--------------|--------|--------------|---|---|---|---|---|---|---|---|---|---|---|
| KEY: BROCCOLI =  and CAULIFLOWER =  | | | | | | | | | | | | | | | |
| PERIOD: 01 November 2020 to 31 March 2020 Last updated: 16 October 2020 | | | | | | | | | | | | | | | |
| NAME OF PRODUCER | Target Market | | | 01-15 Nov 20 | | 16-31 Nov 20 | | Dec-20 | | Jan-21 | | Feb-21 | | Mar-21 | |
| | Local informal | Local Formal | Export | Broccoli | Cauliflower | Broccoli | Cauliflower | Broccoli | Cauliflower | Broccoli | Cauliflower | Broccoli | Cauliflower | Broccoli | Cauliflower |
| KARST AREA | | | | | | | | | | | | | | | |
| 1 | Loui Smit | | √ | |  |  |  |  |  |  |  |  |  |  |  |
| 2 | Elke Naude | | √ | |  |  |  |  | | | | | | | |
| 3 | Mark von Maltzahl | | √ | |  | |  | |  | |  | | | | |
| CENTRAL AREA | | | | | | | | | | | | | | | |
| 1 | Dinah Trauss | | √ | |  | |  | |  | |  | | | | |

Source: NAB, 2020

4. EXPECTED PRODUCTION VS DEMAND ANALYSIS

4.1 TABULATION ANALYSIS

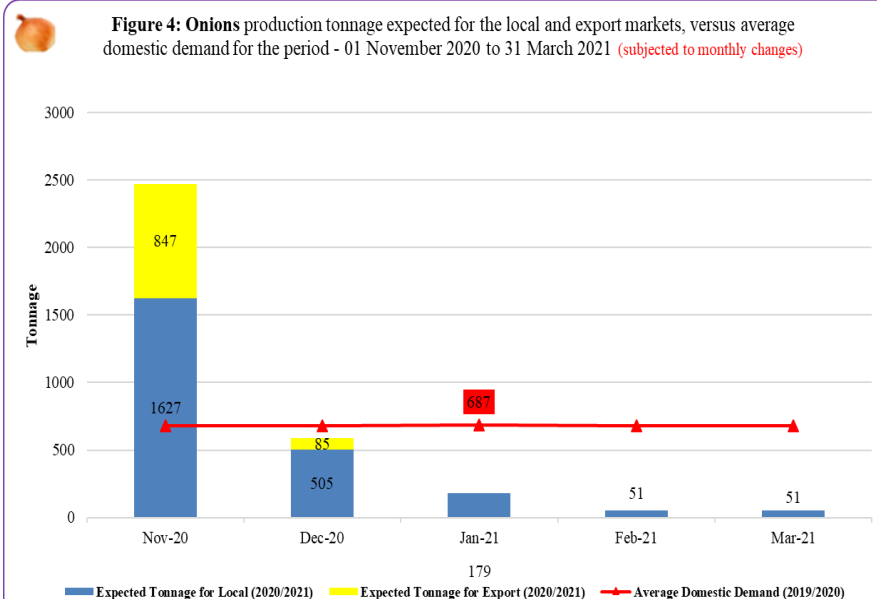
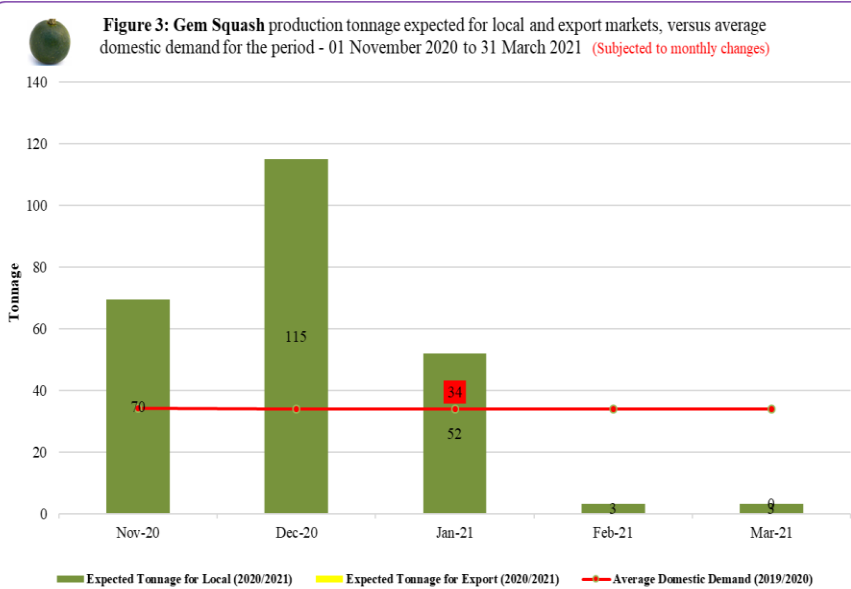
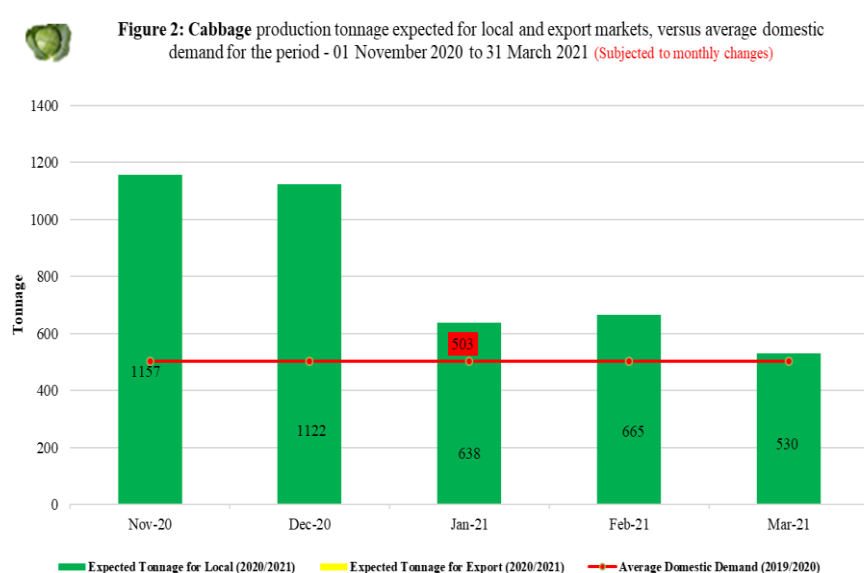
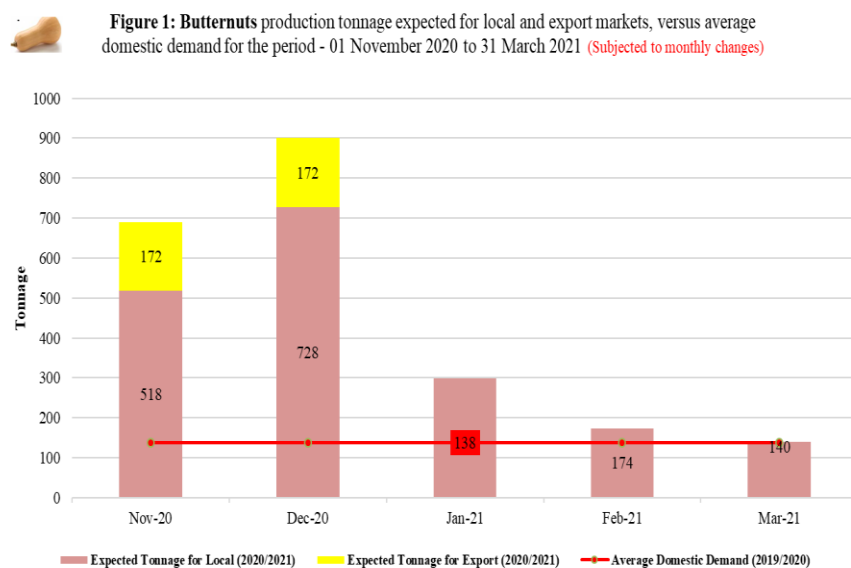
Table 4 below reveals that, the total tonnage expected for butternuts, cabbage, gem squash and onions will be sufficient to meet the domestic demand in November 2020. This suggests that the borders will be closed to restrict the importation of these four (4) vegetables. Table 4 further indicates that potatoes as well as broccolis and cauliflowers are expected to be insufficient starting 01 November 2020, hence the border will be open to allow registered traders to import these products in order to supply their customers.

| Table 4: ANALYSIS OF THE EXPECTED TONNAGE FOR DOMESTIC MARKET VERSUS AVERAGE DOMESTIC DEMAND | | | | | | | |
|--|------------------------------|--------|--------|-------------------------------|--------|--------|-------|
| Numbers in this table represents tonnage | | | | Last updated: 16 October 2020 | | | |
| Special Controlled and Monitored Crops | Expected Surplus or Shortage | Nov-20 | Dec-20 | Jan-21 | Feb-21 | Mar-21 | Total |
| Butternuts | Expected for domestic market | 518 | 728 | 299 | 174 | 140 | 1860 |
| | Avarage domestic demand | 138 | 138 | 138 | 138 | 138 | 690 |
| | Surplus / shortage | 380 | 590 | 161 | 36 | 2 | 1170 |
| Cabbage | Expected for domestic market | 1157 | 1122 | 638 | 665 | 530 | 4112 |
| | Avarage domestic demand | 503 | 503 | 503 | 503 | 503 | 2515 |
| | Surplus / shortage | 654 | 619 | 135 | 162 | 27 | 1597 |
| Gem Squash | Expected for domestic market | 70 | 115 | 52 | 3 | 3 | 243 |
| | Avarage domestic demand | 34 | 34 | 34 | 34 | 34 | 170 |
| | Surplus / shortage | 35 | 81 | 18 | -31 | -31 | 73 |
| Onions | Expected for domestic market | 1627 | 505 | 179 | 51 | 51 | 2413 |
| | Avarage domestic demand | 678 | 678 | 687 | 678 | 678 | 3399 |
| | Surplus / shortage | 950 | -173 | -509 | -627 | -627 | -986 |
| Potatoes | Expected for domestic market | 1556 | 2867 | 1983 | 1346 | 850 | 8601 |
| | Avarage domestic demand | 2777 | 2777 | 2777 | 2777 | 2777 | 13885 |
| | Surplus / shortage | -1222 | 90 | -794 | -1431 | -1927 | -5284 |
| Broccoli | Expected for domestic market | 14 | 13 | 13 | 7 | 7 | 55 |
| | Avarage domestic demand | 23 | 23 | 23 | 23 | 23 | 115 |
| | Surplus / shortage | -9 | -10 | -10 | -16 | -16 | -61 |
| Cauliflower | Expected for domestic market | 14 | 13 | 13 | 7 | 7 | 55 |
| | Avarage domestic demand | 24 | 24 | 24 | 24 | 24 | 120 |
| | Surplus / shortage | -10 | -11 | -11 | -17 | -17 | -66 |

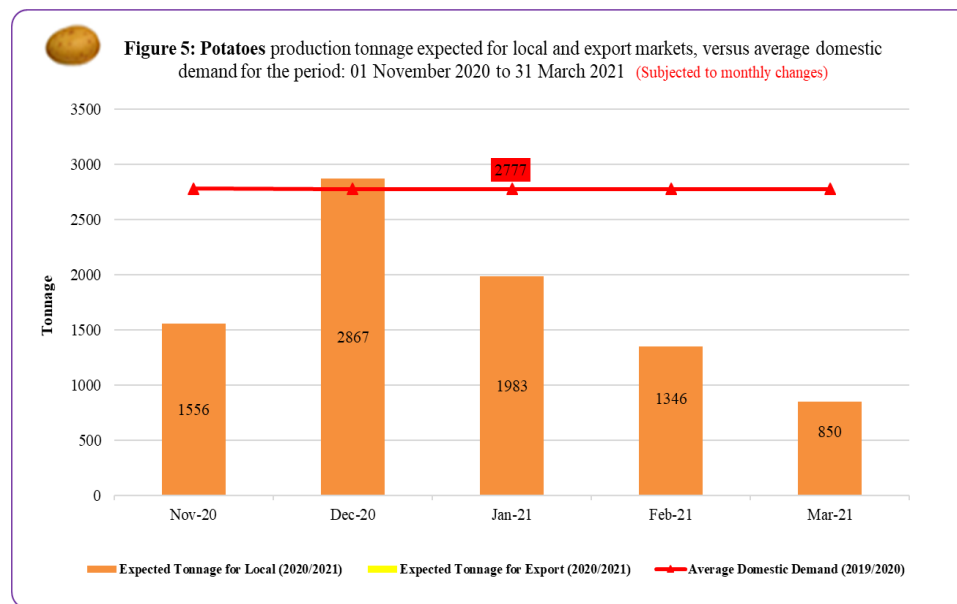
Source: NAB, 2020

4.2 GRAPHICAL ANALYSIS

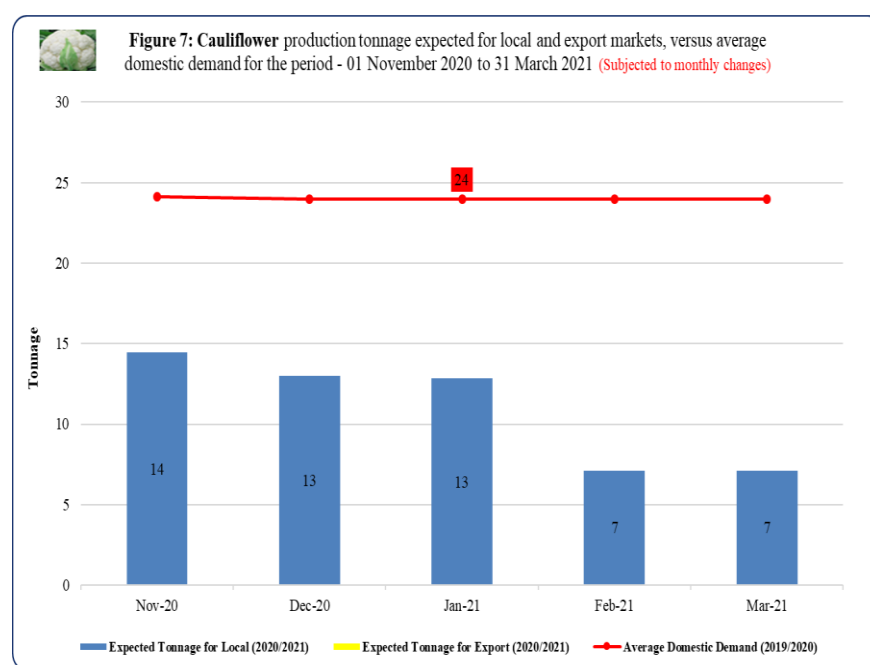
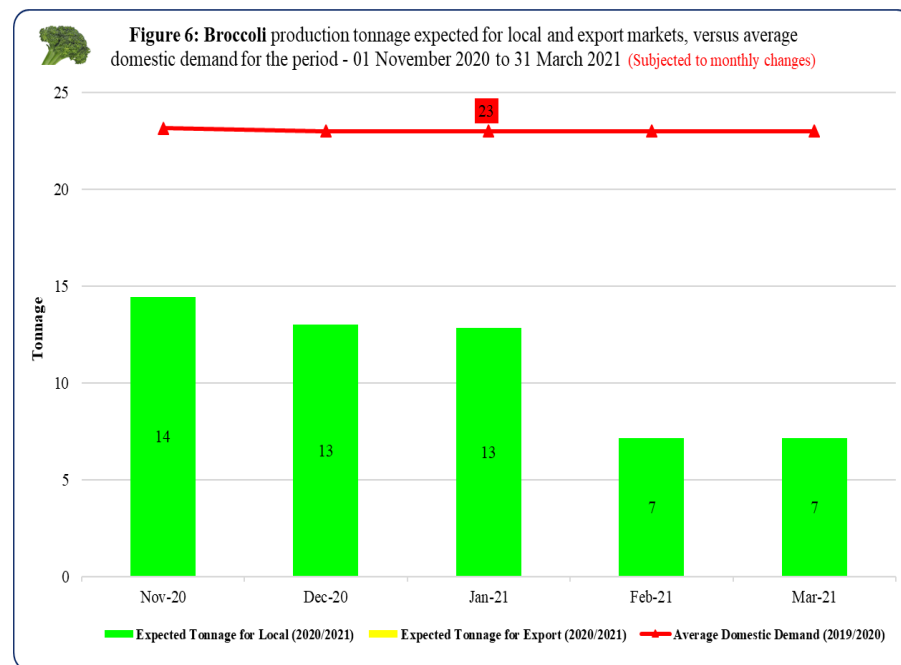
Graphical analysis determines the domestic production tonnage expected for the local and export markets as well as the average domestic demand. **Figure 1, 2, 3 and 4** below shows that the projected production tonnage for butternuts, cabbage, gem squash and onions reserved for local market is expected to be sufficient as from 01 – 30 November 2020. However, **figure 5** shows that the country expects a shortage of potatoes still in November 2020 given that the average domestic demand tonnages is above the local expected tonnage.



Graphical analysis figures continue...



It should be noted that, broccolis and cauliflowers are classified as monitored crop for future possible addition to the list of the special controlled crops. These two products are expected to be insufficient during this reporting period as reflected in **figure 6 and 7** below.

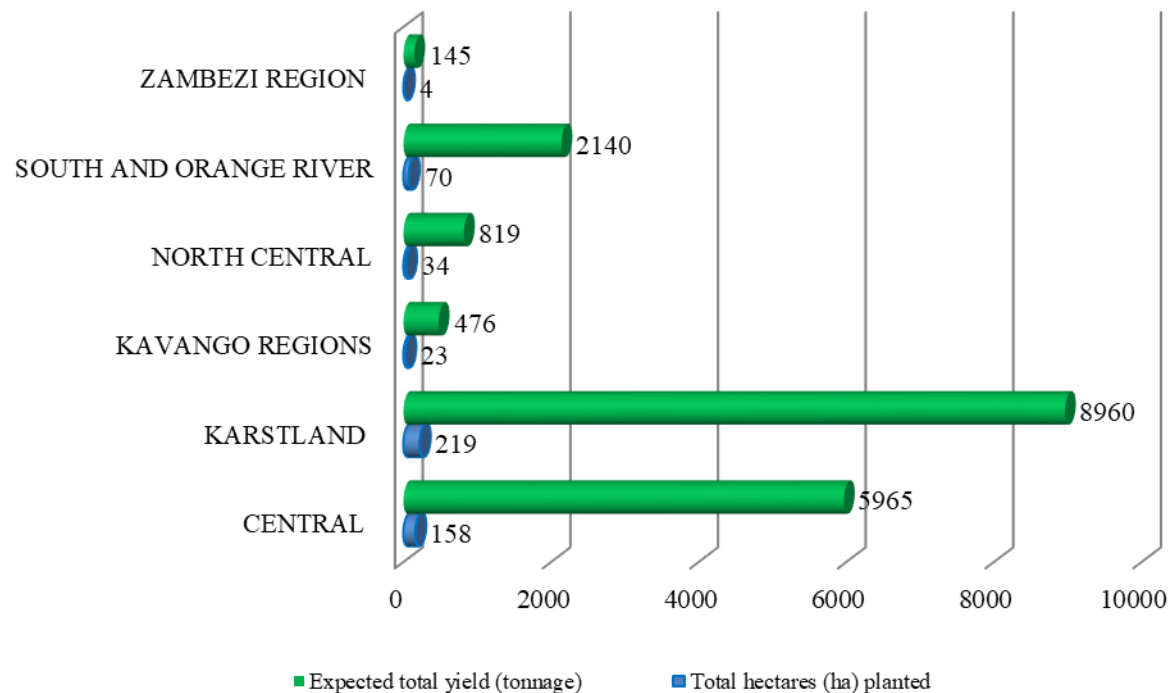


Source: NAB, 2020

5. HECTARES PLANTED AND EXPECTED YIELD PER PRODUCTION AREA

Figure 8 below illustrates the total hectares planted as well as the total tonnage expected to be harvested per production area. This figure reveals that Karst production area is leading with a total hectares planted of 219 ha and the highest expected total yield of 8 960 tons. Zambezi production area is ranked last with 4 ha and expects to harvest a total of 145 tonnages. The high tonnages expected to be harvested in Karst and central production areas are attributed to the high production of onions and potatoes predominantly grown in these two areas.

Figure 8: Total hectares planted versus expected total yield (tonnage) per production area



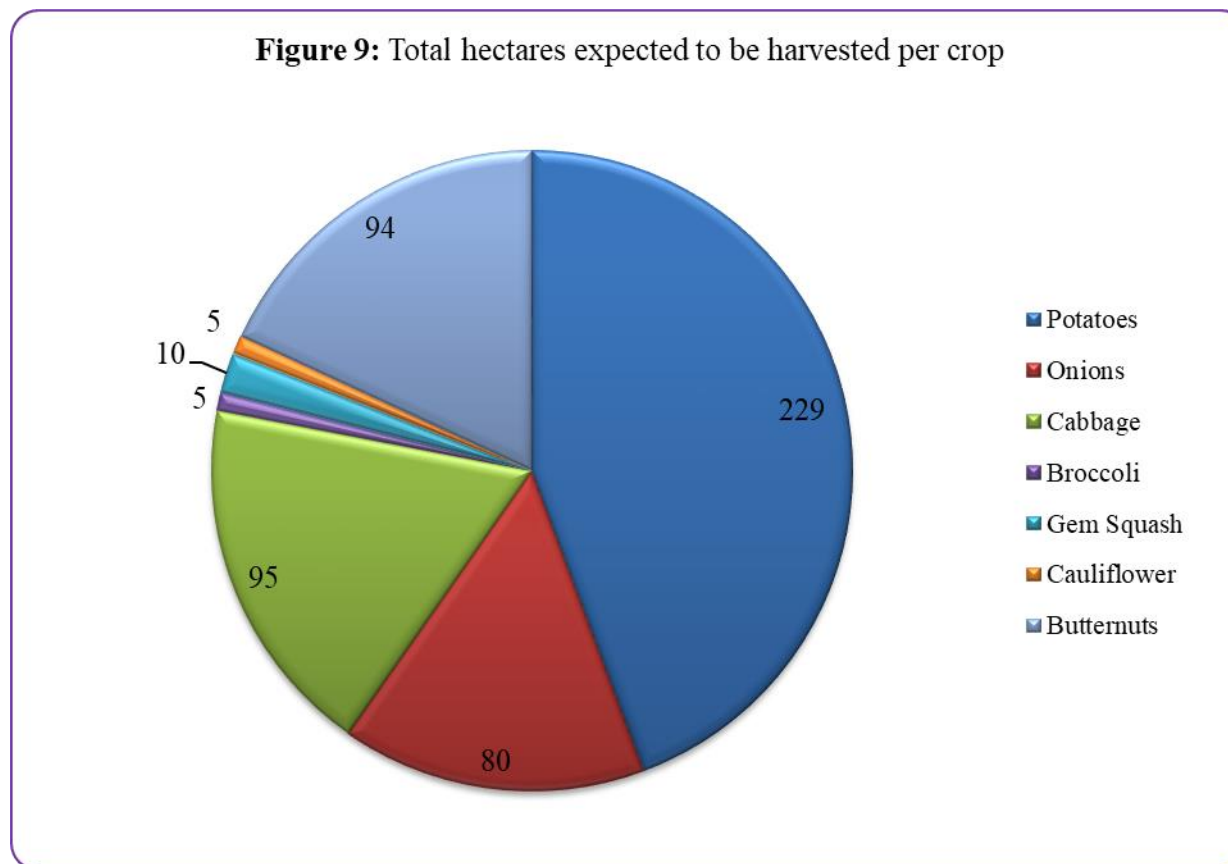
Source: NAB, 2020

6. HECTARES PLANTED AND EXPECTED AVERAGE YIELD (TONNAGE) PER CROP

This section reveals the hectares planted and expected average yield per crop.

6.1 Hectares planted per crop

Figure 9 shows that a total of 518 hectares are expected to be harvested during this reporting period, of which potatoes covered the largest portion (229 ha) followed by cabbage (95 ha) while the smallest portions of land is covered by broccolis and cauliflower with 5ha each as indicated below.



Source: NAB, 2020

