



AGRONOMY AND HORTICULTURE MARKET DEVELOPMENT DIVISION

AGRONOMY MARKET DEVELOPMENT SUBDIVISION

WHEAT PRODUCTION FORECAST REPORT

HARVESTING/MARKETING SEASON: 2022/2023



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Table of Contents

1. INTRODUCTION	2
2. METHODOLOGY.....	2
3. EXPECTED PRODUCTION FORECAST.....	3
3.1 Wheat tonnage forecasted per production zone per month	3
3.2 Expected availability of wheat per month per producer.....	4
3.3 Hectares planted per production zone.....	5
3.4 Expected yield per hectare from each production zone	5
3.5 Expected supply versus average domestic demand.....	6
3.6 Tonnage expected in 2022 versus tonnage marketed in 2021.....	7
4. CONCLUSION.....	8

1. INTRODUCTION

Wheat scientifically known as *Triticum aestivum* is a cereal grain crop cultivated in winter and is only produced under the irrigation production system in Namibia. Planting of Wheat in Namibia starts in May/June/July, and it is harvested and marketed from October to January every year. Wheat is currently produced in five (5) production zones i.e. Kavango, North Central, Karstland, Central/East, and South. The biggest volume of the wheat grain is produced in Hardap, Kavango, Central, and Karstland zones and it's delivered to milling facilities in Windhoek and South zones.

The marketing of locally produced wheat grain is managed through the Wheat Marketing Mechanisms/ Agreement signed by organised producers and millers. The marketing of wheat grains officially starts from the 1st of November to the 31 January every year. There is no close or open border period for wheat, but allocations are made to millers to ensure the locally produced grain is marketed.

According to 2021/2022 financial year's production and trade statistics, the total domestic demand for wheat grain in Namibia stood at **144, 939 tons** per annum, translating into an average domestic demand of **12,078 tons** per month. Out of the total domestic demand recorded during the 2021/2022 financial year, **18,498 (13%)** tons were locally produced and **126,441 (87%)** tons were imported from other countries. During the upcoming wheat grain marketing season, a total of **29,871 tons** of wheat is expected to be harvested from **4,254 ha** in four (4) production zones (South, Central, Karstland, and Kavango).

Therefore, this report presents the estimated wheat production volumes expected to be harvested and marketed from October 2022 to January 2023.

2. METHODOLOGY

Data collection was based on the subjective yield estimation method, which involves the estimation of crop yield based on the expert's (producer's) experience. The data collection process involved the distribution of expected/actual grain crops production data collection forms to the producers via email, and once the forms have been completed by the producers, they were sent back to the NAB through emails.

Producers who did not respond via email were contacted and provided information telephonically. The data collected were entered and analysed in Microsoft Excel, and data analysis involved both graphical and tabulation analysis.

3. EXPECTED PRODUCTION FORECAST

This section covers the demand analysis, tonnage expected, hectares planted, expected average yield per hectare, and expected availability of wheat per month per producer.

3.1 Wheat tonnage forecasted per production zone per month

Figure 1 below shows that the bulk of the wheat is expected from Karst in October 2021, and then from November, the biggest volume of wheat is expected from the Hardap zone. Figure 2 below shows that the South expects to harvest the biggest tonnage of 14,609 tons (49%), followed by Kavango with 5,880 tons (20%), and the lowest is the Karst zone with 4,790 (16%) and Central with 4,592 tons (15%). Figure 3 indicated that the bulk of the locally produced wheat is expected to be marketed in November due to early planting in May and June.

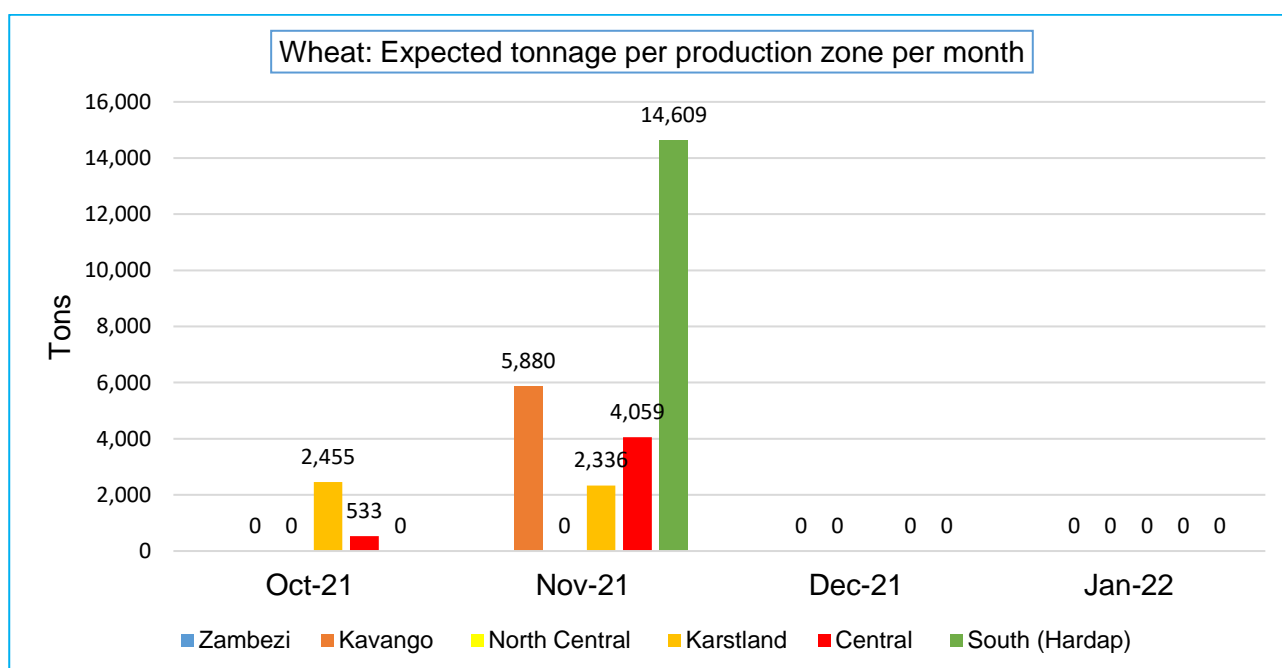


Figure 1: Wheat: Expected tonnage per production zone per month

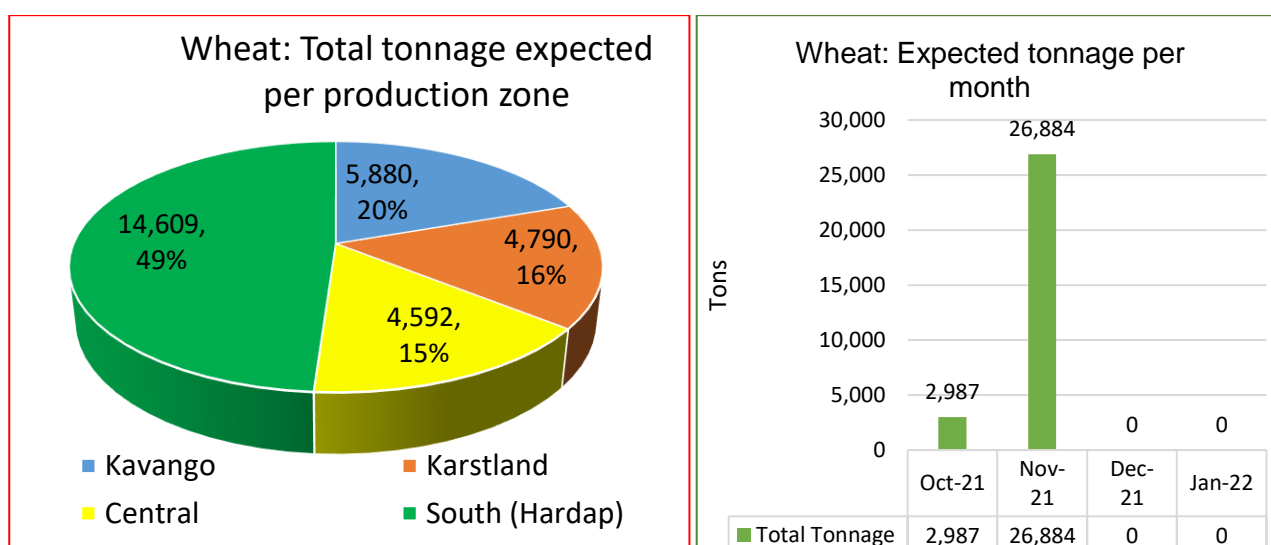


Figure 2. Wheat: Total tonnage expected per production zone: **Figure 3:** Monthly total tonnage

3.2 Expected availability of wheat per month per producer

According to the information presented in table 1 below, 58 producers expect to harvest and market wheat during the 2022 marketing season, with the majority situated in the Karstland and Central production zones.







Expected availability of wheat per producer per month - 2022/2023 marketing season							
	Registration No	Farm/Business name	Contact person	Contact No	Oct-22	Nov-22	Dec-22
Kavango area							
1	KAV-F0061	Shitemo GSIP	G.P. Engelbrecht	081-1270025			
2	KAV-F0068	Sikondo GSIP	John Milanda	081 1599132			
3	KAV-F0146	MASHARE IRRIGATION (Pty)Ltd	LOURENS LE GRANGE	081 1279170			
4	KAV-F0078	Shadi Kongoro GSIP	Mutero Joseph	081 1613059			
Central Area							
1	CEN-F0208	Wagnou	Johan	081 3201013			
2	CEN-F0020	Rema(219)	Gys V.Schalkwyk	081 2421015			
3	CEN-F0171	Okaperuperu	Gerhard	081 1454966			
4	CEN-F0126	Woodstock farm(271)	Martin Ritter	081-7904197			
5	CEN-F0075	Kehoro Farming	Gerald Heiser	081-4176096			
6	CEN-F00291	Tokat Farm(343)	Nico Steenkamp	081-3492455			
7	CEN-F00291	Tokat Farm(343)	C.J.Steenkamp	081-6267836			
8	CEN-F0091	Rika(266)	Rudolf Steyn	081-2966517			
9	CEN-F0128	Evare(265)	Leon Hinze	081-3517289			
10	CEN-F0205	Goab-Pforte(1246)	W.Diemer	081-2482888			
11	CEN-F0035	Springvale(337)	E.V.Niekerk	081-1287900			
12	CEN-F0235	Farm Bosville-Wes	Oockert M.Steyn	081-2612803			
13	CEN-F234	Hochfeld Livestock(131)	Jaco Swanepoel	081-2011436			
14	CEN-F0247	Horing(379)	Hermanus Biewenga	081-1435912			
15	CEN-F0052	PHP Agri.cc (778)	Jaques Coetzee	081-6845196			
16	CEN-F0042	Cordova(1016)	Etienne Jooste	081-3711599			
17	CEN-F0352	Wellgedach/Titan farm	Hendrink Prinsloo	081-2928814			
18	CEN-F0203	Farm Lawriessdale	Carel Kruger	081-1395331			
19	CEN-F0086	Annaboom(400)	Pieter De Wit	081-1289716			
Karst Area							
1	KST-F0069	Otafontein Farm [O&L Presh Produce Pty (Ltd)	Basie Prinsloo	081-2537325			
2	KST-F0243	Bradley Stock & Agri Farming	Marlon Beyer	081-1292763			
3	KST-F0104	Grootboston (1343)	D.E.Bisschoff	081-1228691			
4	KST-F0003	Cadix Farm (678)	C.J.Von Molendorff	081-7804156			
5	KST-F0183	Altona(791)	Gernot Eggert	081-1247694			
6	KST-F0041	Bergen(97)	Kasper Gunzel & Henry Mudge	081-1290273			
7	KST-F0359	Okosondumbe(500)	Daud Botha	081-1284844			
8	KST-F0039	Sternberg(1147)	Friedel Blume	081-1490342//0817335448			
9	KST-F0107	Gauss farm	Hartmut and Jenny Freyer	081-3374333/081-3820783			
10	KST-F0171	Buschbrunnen(344)	Silvia Van Biljon	081-6899787			
11	KST-F0028	Ludwigshafen	Johann Cloete	081-2819566			
12	KST-F0239	Erhardshof(575)	Duane Rudwan	081-2333098			
13	KST-F0260	Rentes(783)	Wilhelm Schmidt	081-8369100			
14	KST-F0362	Verweg(246), TLP investment 199	Willie Dames	081-1240844			
15	KST-F0103	Baltimore(666)	Rymond Van Eeden	081-2308856			
16	KST-F0206	Huttenhof(425)	Ralf Von Maltzahn	081-2749500			
17	KST-F0230	Streben Farm(437)	Rohan Hagemann	081-2181243			
18	KST-F0050	Farm Nehlen	Ernst Van Biljon	081-6572651			
19	KST-F0038	Farm Bombay(Lanzo sales & Marketing)	Cobus Coetzee	081-4355616			
20	KST-F0040	Batavia	Heinrich van Eeden	081-1246383			
21	KST-F0026	JM Boerdery	JM van der Merwe (Hansie)	081-1244841			
22	KST-F0028	Ludwigshafen	Johann A. Cloete	081-2819566			
23	KST-F0004	Emilienhof investments cc	Eric and Elizabeth van Druten	081-1655677			
24	KST-F0082	Platsak	Ricky Kukuri	081-1499771			
25	KST-F0009	Ondera Farm	Jan Haneb	081-7818284			
26	KST-F0094	Uitspan	PT Erasmus	081-3513960			
27	KST-F0320	Grondslag(9/480)	N.J.Jacobsz	081-7128821			
South Area							
1	SOU-F0065	Plot K3 Hardap(644)	Dawie De Klerk	081 1279027			
2	SOU-F0066	Hakahana (187)	Deon Schoeman	081 1240827			
3	SOU-F0119	TLP Investment	RUDI KOTZE	081 2708494			
4	SOU-F0072	Visser Boerder Trust-Hardap(199/200)	N Visser	081-1270648			
5	SOU-F0134	Hartebeestloop Farm(202)	Octavia Bailey	081-2316169			
6	SOU-F0070	Lagratitud(KI)	Johan Kristen	081-2609512			
7	SOU-F0100	Plot Hardap	J.De Klerk	081 2271969			
8	SOU-F0075	Hardap Kooperasie	Pieter van Blommestein	0816815950			

Table 1 shows the list of producers who are expecting to harvest wheat during 2021/2022.

3.3 Hectares planted per production zone

Figure 4 below shows that a total of 4,254 ha was planted for Wheat production between May and July 2022, of which 1,840 ha (43% is planted in the South Production zone, 970 ha (23%) in Kavango, 753 ha (18%) in Karst zone and 691 ha (16%) in the Central zone. The hectares planted in 2022 increased by 1,290 ha (30%) when compared to hectares planted in 2021.

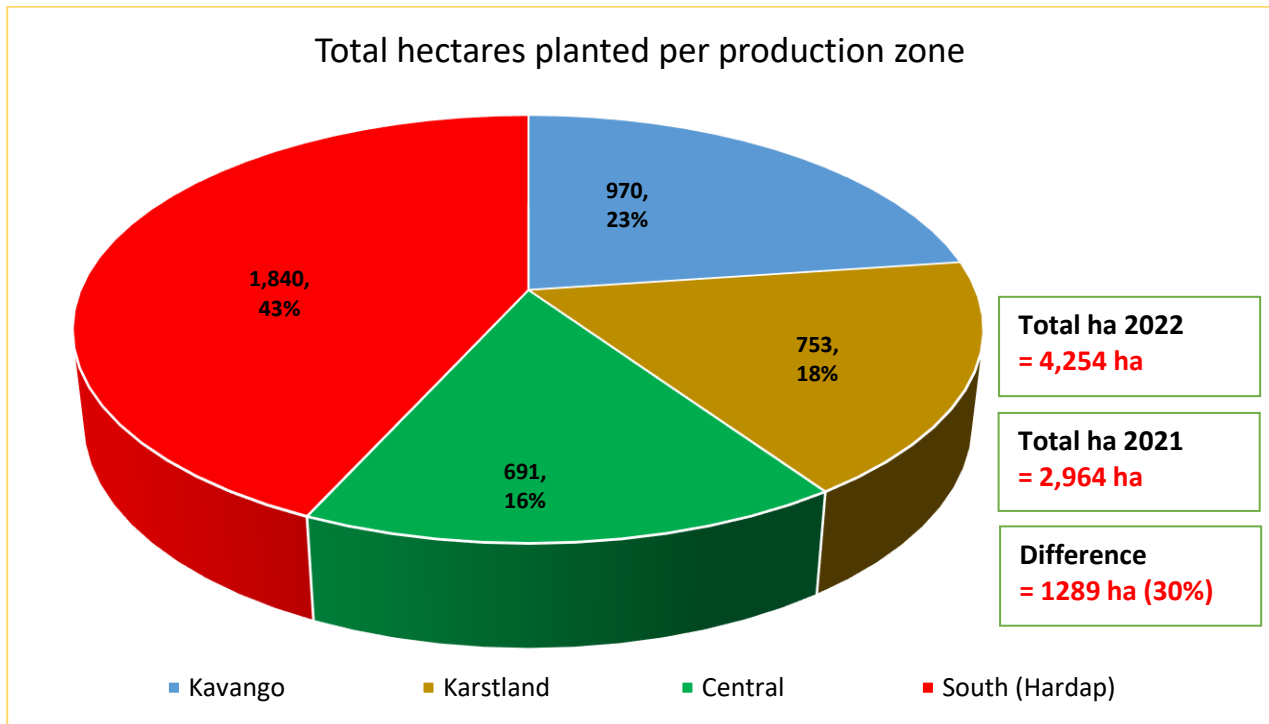


Figure 4: Total hectares of wheat planted during the 2022 season per production zone.



3.4 Expected yield per hectare from each production zone

Figure 5 below shows that the highest average yield of 7 tons/ha is expected from the Central and 8 tons/ha from the South production zone. The lowest average yield per hectare of 6 tons/ha is

expected from the Kavango and Karst production zone, respectively. However, the national average yield per hectare is expected to be around 6.7 tons/ha.

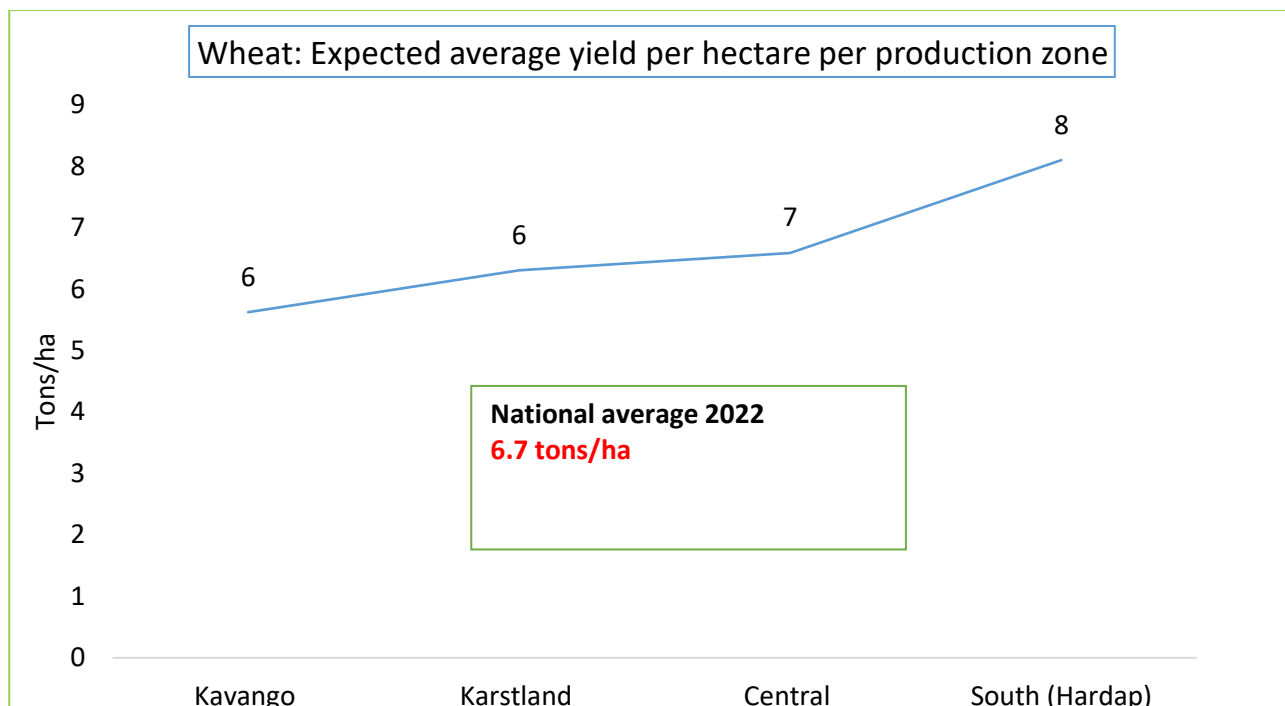


Figure 5: Expected average yield per ha (tons\ha)



3.5 Expected supply versus average domestic demand

Figure 6 below shows that the national total tonnage expected for the 2022 marketing season is 29,871 tons, while the average domestic demand stands at 12,078 tons per month. Figure 6 also shows that when compared to last year, local production of wheat is expected to increase by **11,373 tons** during 2022, which represents an increase of **38%**.

The increase in tonnage expected when compared to 2020 is attributed to the increase in hectares planted during 2022.

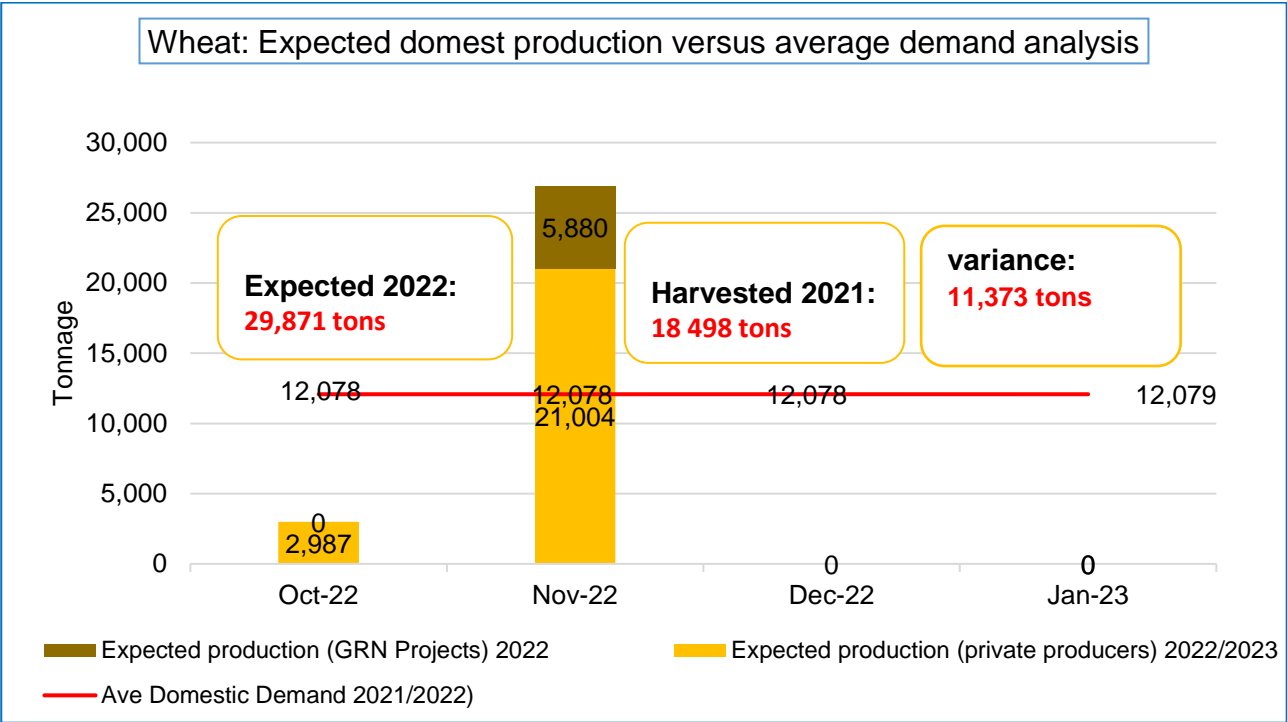


Figure 6: Wheat expected production to be marketed versus the domestic demand.



3.6 Tonnage expected in 2022 versus tonnage marketed in 2021

Figures 7 shows that in comparison to last year, the wheat harvest tonnage is expected to increase in all four (4) production zones (Kavango, Central, Karst, and South), while no wheat was planted in

North Central this year. There will be a high increase in tonnage expected in the South production zone in comparison to last year.

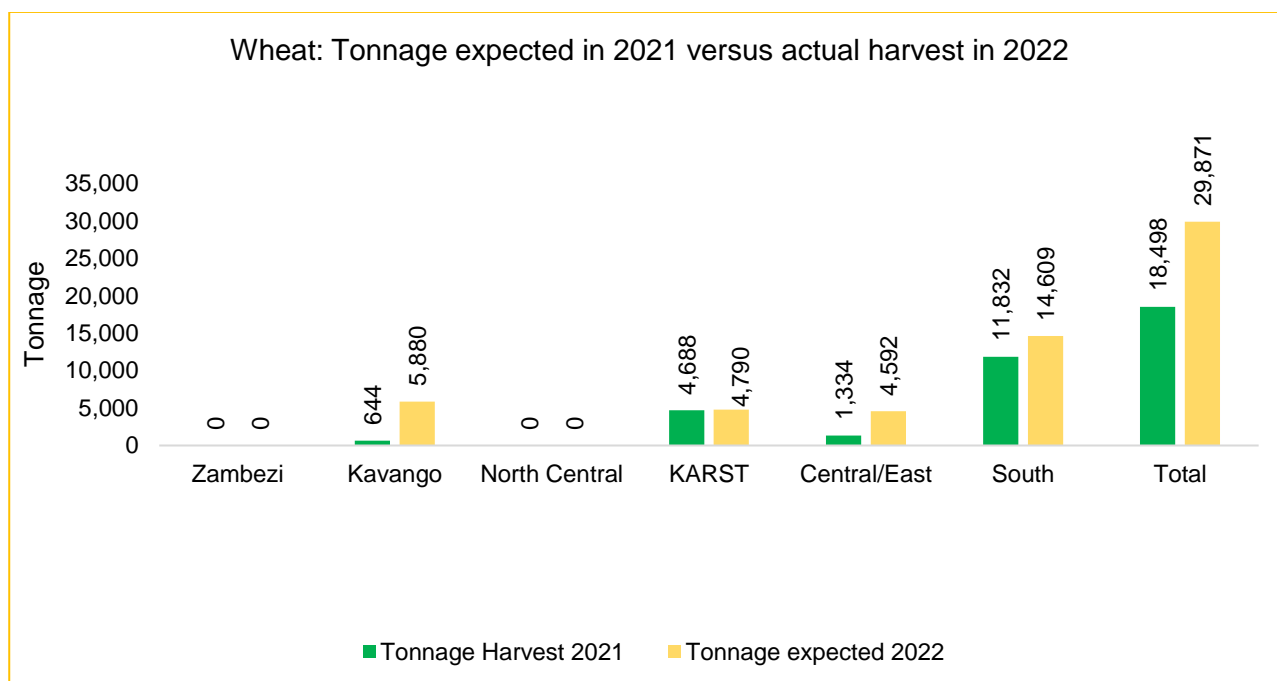


Figure 7: Total tonnages expected in 2022 versus tonnage marketed in 2021

4. CONCLUSION

The expected production data presented in this report indicates that there will be an increase in wheat production of **29,871 tons**, the highest ever recorded in Namibia for a consecutive year, although the volumes are still low in comparison to the annual domestic wheat demand, positive growth shown is plausible.

The expected wheat production volumes will be able to cover **21%** of the total domestic demand (**144, 939 tons**). It should be noted that these expected wheat tonnages will be easily absorbed by local millers without any close border period. However, the country will have sufficient local supply of Wheat in November, where the total domestic supply of wheat is **26,884 tons** which is over the monthly domestic demand of **12 078 tons**. Approximately **79% (115,068 tons)** of the wheat grain is expected to be imported by millers during this financial year to meet the annual domestic demand.

The increase in the expected tonnage of wheat is attributed to the increase in the number of hectares planted this year and by the increased number of farmers in both Karst and Central production zones who planted wheat this year. Moreover, good rainfall received this year may have availed more water for irrigation, especially in the South production zone, whereby the source is the Hardap dam.

THE END