

Ministry of Agriculture and Fisheries

Crop Statistical Report Quarter 4, 2023

Multiplication, Distribution, Sales and Purchases of Planting Materials; Exports; Q4, 2023

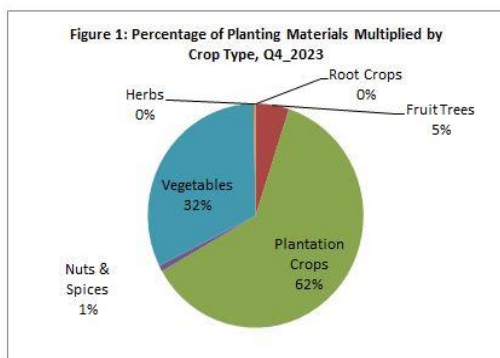
1. Introduction:

The Crops Division is one of the main technical divisions of the Ministry of Agriculture and Fisheries (MAF). The multiplication and distribution of planting materials to farmers based on demand and needs of farmers is one of their main activities. Through the administrative process of multiplication and distribution, valuable information are composed but had not been properly captured to provide timely data for policy formulation. Mainly, they were only provided on ad hoc basis.

This report is an attempt to properly organise, tabulate and analyse the information collected for users' information and more significantly for MAF management for better policy formulation.

2. Multiplication:

Multiplication of planting materials aims to be distributed to farmers and for the MAF's use in demonstrating plots and research.



During the period under review, most of the planting materials multiplied were Plantation Crops which took more than sixty per cent (62%). Vegetables reported for thirty two per cent (32%), Fruit Trees accommodated five per cent (5%); while Nuts & Spices accounted

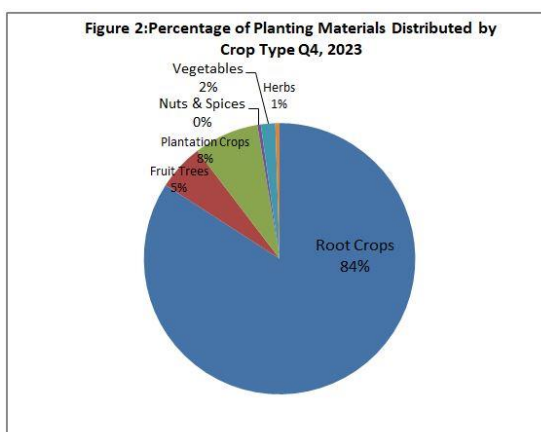
for (1%). Furthermore, Herbs and Root Crops did not have any records of the planting materials multiplied during the reference quarter.

Cocoa was the main focus for the multiplication process during the period under review, taking ninety four per cent (94%) of plantation crops while Chinese cabbage; Capsicum; Head cabbage and Tomato holds approximately eighty per cent (80%) of Vegetables.

Essentially, there was an increase of eighteen per cent (18%) regarding the number of planting materials multiplied in Q4 compared to Q3, 2023.

The table 2 underneath summarize the varieties of selected crops that have been multiplied in Q4, 2023.

3. Distribution:



Distribution of planting materials was mainly in support of various projects implemented by the Ministry.

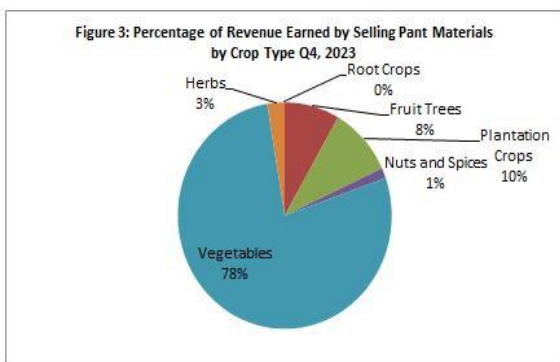
Root Crops were the main crop type distributed for planting materials. During the

reference quarter, Root Crops accommodated for eighty four per cent (84%).

As stated on below table 4, planting materials for Root Crops accommodated for only Taro and Ta’amu.

In spite of that, Taro dominated the process of seventy one per cent (71%) being distributed, while Ta’amu accommodated twenty nine per cent (29%). Plantation Crops holds eight per cent (8%) of the distribution and it was shared by Cocoa and Coconut. Fruit Trees considers five per cent (5%), Vegetables with two per cent (2%) and Herbs with only one per cent (1%).

4. Sales and Purchases:



Planting materials multiplied were also available for sales to farmers from the main office at Nuu and the Crops division at the Salelologa office.

Though, some planting materials were bought from farmers to accelerate the multiplication process.

According to Figure 3 above, the main source of earning was from the sales of planting materials of Vegetables which accounted for almost eighty per cent (78%). These vegetables were mainly Chinese cabbage; Capsicum and Tomato.

The ten per cent (10%) was from selling of planting materials of Plantation Crops, whereas eight per cent (8%) from selling of planting materials of Fruit Trees; three per cent (3%) for Herbs and the remaining one per cent (1%) holds Nuts & Spices. The planting materials of Root Crops did not hold any records during the reference quarter.

5. Export of Fresh and Frozen Taro:

The Export of taro to foreign marketplaces was lately stimulated after the industry was affected by the taro leaf blight in the early

Table 1: Export of Fresh & Frozen Taro by Destination Q 2, 3 & 4 2023

Months	Destination	Fresh Taro			Frozen Taro	
		Number of Bags	Number of Taro	Total Weight (kg)	Destination	Total Weight (kg)
Q2		1504	26860	30545		10620
	NZ,USA, HAWAII				AUS/NZ/USA	
Q3		865	16639	17300		10798
	NZ,USA, HAWAII				AUS/NZ/USA	
Q4		4298	78373	83726.18		17810
	NZ,USA, HAWAII				AUS/NZ/USA	
Total		6,667	121,872	131,571		39,228

1990’s.

Taro destined for overseas market had to go through vigorous checks at the Atele pack house or other pack houses that were certified by MAF and other government bodies to ensure that export standards are adhered to.

The table 1 specified the overall quantity of bags and the total weight of fresh and frozen taro being exported to various destinations such as Australia; New Zealand; USA and Hawaii in Quarter 2; Quarter 3; and Quarter 4 of 2023. Fortunately, there was an immense increase in the number of fresh taro being exported in quarter 4 compared to quarter 3 of over sixty per cent (64%). Additionally, frozen taro has recorded an increase of more than twenty per cent (24%) from quarter 4 compared to quarter 3 of the total number of frozen taro exported overseas.

6. Way Forward:

The Ministry’s Agricultural Statistics Unit (ASU) will continue to assist the Crops Division staff in improving data quality and statistical skills through training. It is anticipated that ASU will produce a quarterly report in collaboration with the Crops Division which is the primary data source.

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Table 3: No. of Planting Materials of Selected Crops by Variety, Quarter 2, 3 & 4 2023

Crop Name	Variety	Suckers			Seedlings			Airlayer			Trays		
		Q2	Q3	Q4	Q2	Q3	Q4	Q2	Q3	Q4	Q2	Q3	Q4
Taro		31544	30										
	Cycle 9												
	Folasa	8000											
	Samoa 1		15										
	Vave	4500											
	Cycle05												
	Salani	6500											
	Taro Pauni												
	Fusi	6,044	15										
	Talo fola												
	Tuisuga												
Putemu	5000												
Nu'u	500												
Samoa 2	1000												
Breadfruit									150	15			
	Aveloloa												
	Fiti												
	Maafala								100	15			
	Manua												
	Maopo												
	Momolega												
	Puou												
	Ulua												
	Ulu Hawaii												
	Ulu Tala								50				
	Ulusina												
Ulu Falaoa													
Cocoa					26,925	13,164	38,140						
	Samoan				26,925	13,164	38,140						
Capsicum					3510	5110	2470						
	sweet pepper												
	Red rapid					200							
	Roma												
	California												
	yellow wonder				3510								
Chinese Cabbage											291	299	27
	Pak choi										291	281	27
	Salader												
	white stem												
	kwang moon												
	Short stem											8	
Green stem											10		
Cucumber					1650	2970	1420						
	Bonanza												
	Slice master												
	Local Var						20						
	Zipangu												
Money Maker				1650	2970	1400							
Eggplant					3250	2550	1150						
	Black beauty				1600	100	1130						
	florida												
	local												
	Pritam (New variety)					10							
Pritix						20							
Early long				1650	2440								
Head Cabbage						120	2320				197	156	15
	F-S-Cross												
	KK- Cross						120	2320			197	156	15
	Chinese variety												
Pacific Green													
Lettuce					2120	1630	1410						7
	Tropical				1920	950	1410						7
	red rapid				200								
	Seven wonder					680							
Pumpkin					150	299	30						
	Queensland				150	150	30						
	Auro					149							
	Samoa Auro												
	Panderosa												
Tomato					4450	1265	2270						
	Beef Stake												
	Head Master												
	Iapani												
	raising sun				3200	500							
	real gold												
	Roma				1250	645	2270						
	Alafua large					120							
tropical													
Total		31544	30	0	42055	28098	58970	0	150	15	488	462	42

Table 4: Number of Planting Materials Distributed by Type of Planting Material by Crop and Crop Type, Quarter 2, 3 & 4 2023

Crop Type	Crop Name	Seedlings			Trays			Cuttings			Suckers			Grafting			
		Q2	Q3	Q4	Q2	Q3	Q4	Q2	Q3	Q4	Q2	Q3	Q4	Q2	Q3	Q4	
Root Crops	Ta'amu										500						
	sweet potatoes												16850				
	cassava												4850				
	Yam																
	Taro										500			12000			
Fruit Trees		645	161	930													41
	Abiu	109	13	90													
	Avocado	50	50	110													
	Cashew nut																
	Guava			70													
	Mango			40													
	Passion Fruit			50													
	Jack Fruit		12	70													
	Rambutan	80	10	180													
	Rollinia	55		80													
	Citrus	120	5	80													41
	Soursop	61	42	90													
	mangosteen																
	Star fruit	85	2	70													
	Breadfruit			15													
	Sweet orange			12													
	durian																
star apple	85																
Papaya																	
Water Melon																	
Plantation Crops		700	460	1,550													
	Banana																
	Coffee																
	Cocoa	600	140	1,450													
Coconut	100	320	100														
Nuts & Spices		120	2	83													
	Black Pepper			28													
	Chilli	30															
	Ginger	90	2	30													
	Onion																
	ava																
	Tumeric			25													
Vanila																	
Vegetables		3728	2543	324	234	30	20										
	Beans	150	120	24													
	Green pepper			50													
	capicum	720	400														
	celery																
	Chinese Cabbage	900	1200		205	25	10										
	Cucumber	685	213	50													
	Eggplant	203	170	50													
	Head cabbage				29	5	10										
	Kang Kong																
	Lettuce	180	180	100													
	Pumkin																
	Spring onion																
Sweet Corn	55	50															
Tomatoes	835	160	50														
Water Melon			50														
Herb		60	140	100													
	Herbs	60	140														
	Parsley																
	Coriander			50													
Basil			50														
Total	5,253	3,306	2,987	234	30	20	0	0	0	500	0	16,850	0	0	41		

Table 5: Number of Planting Materials Distributed for Main Crop by Variety for Selected Crops, Quarter 2, 3 & 4 2023

Crop Name	Variety	Seedlings			Suckers		
		Q2	Q3	Q4	Q2	Q3	Q4
Abiu		109	173	90			
	Z-2	74	90	90			
	Z-4	35	83				
Avocado		50	35	110			
	Avocado	50	35	110			
Black Pepper			223	28			
	Black Pepper		223	28			
Breadfruit							
	Fiti						
	Hawaii						
	Maafala						
	Puou						
	local						
	Sina						
Cocoa		600	13164	1450			
	Local			1450			
	Trinitario	600	13164				
Eggplant		203	2550	50			
	black beauty	5	100	50			
	Pritam(new variety)		10				
	Local						
	Early long	198	2440				
Ginger		90	880	30			
	Ginger		700	30			
	Local	90	180				
Rambutan		80	5	180			
	rambutan	60	5	180			
	R156 red	20					
Rollinia		55	811	80			
	Rollinia	55	811	80			
Tomato		835	1265	50			
	Alafua Large		120				
	Roma	830	645	50			
	Cherry						
	tropical						
	Raising sun	5	500				
Vanilla			200				
	Vanilla		200				
Coconut		100	1250	100			
	Hybrid						
	samoan tall	100	1250	100			
	Local						
Taro					500	30	12000
	Fusi				500	15	2400
	Salani						3000
	Folasa						
	Vave						3600
	Cycle 9						
	MIX- (Sam2/Fusi)						
	Export (Variety)						
	Samoa 1					15	
	Samoa 2						3000
Total		2,122	20,333	2,140	500	30	12,000