

Ministry of Agriculture and Fisheries

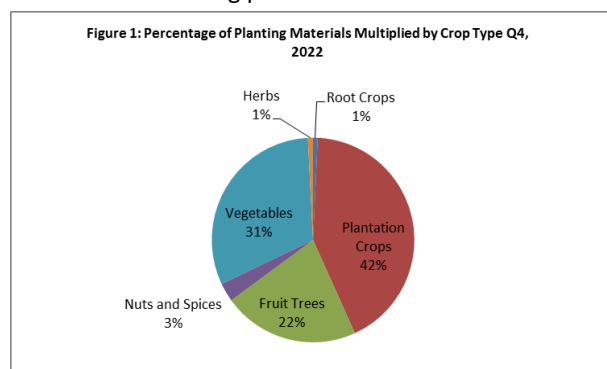
Crop Statistical Report Quarter 4, 2022

1. Introduction:

The Crops Division is one of the main technical divisions of the Ministry of Agriculture and Fisheries (MAF). One of its main activities is the multiplication and distribution of planting materials to farmers, based on demand and farmer needs. Through the administrative process of multiplication and distribution, valuable information is collected but has not been properly captured to provide timely data for policy formulation. They were only provided on an ad hoc basis. This report is an attempt to properly organise, tabulate and analyse the information collected for user's information and more importantly 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 forty per cent (42%). Vegetables accounted for more than thirty per cent (31%) fruit trees also accounted for more than twenty per cent (22%) while root crops, herbs, nuts & spices accommodated the remaining five per cent

(5%) of the total multiplication of planting materials.

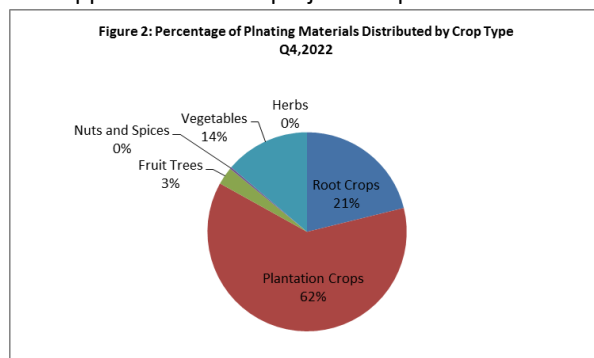
Cocoa was the main focus for the multiplication process during the period under review, taking hundred per cent (100%) of plantation crops, while capsicum, cucumber, tomato and lettuce holds approximately eighty per cent (80%) of Vegetables.

Generally, there was a slight increase of more than ten per cent (10%) in the number of planting materials multiplied in Q4 compared to Q3, 2022.

Table 3 below summaries the various varieties of selected crops that had been multiplied in Q4, 2022.

3. Distribution:

Distribution of planting materials was mainly in support of various projects implemented



by the ministry.

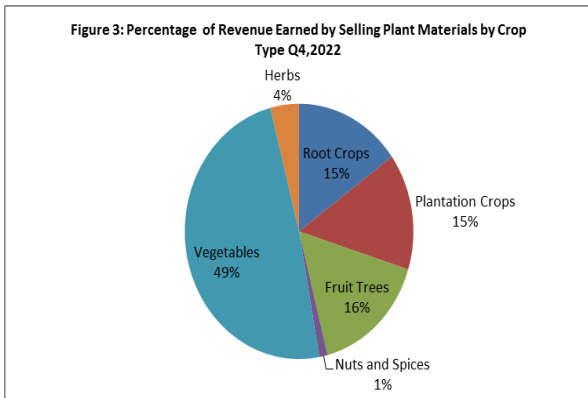
Planting materials for Plantation Crops was the main crop type distributed. During the reference quarter, Plantation crops accounted for sixty two per cent (62%).

As stated on table 4 below, planting materials for plantation crops accommodated only for Cocoa and Coconut.

In spite of that, cocoa and coconut dominated the distribution process for root crops of more than sixty per cent (61%) being

distributed, while Beans held more than seventy per cent (75%) of the whole distribution of vegetables.

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.

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

According to Figure 3 above, the main source of earning was from selling of planting materials of Vegetables which accounted for more than forty per cent (49%); these vegetables were mainly Chinese cabbages, head cabbages and Tomato seedlings.

More than ten per cent (16%) was from sales of planting materials of fruit trees, whereas thirty per cent (30%) equally shared from selling of plantation crops and root crops, and remaining five per cent (5%) were shared by planting materials of nuts & spices and herbs during the reference quarter.

5. Export of Fresh and Frozen Taro:

Export of taro to overseas markets has recently been stimulated after the industry was affected by the taro leaf blight in the early 1990's.

Table 1 : Export of Fresh & Frozen Taro by Destination Q 1,2,3 & 4 2022

Months	Destination	Fresh Taro			Frozen Taro	
		Number of Bags	Number of Taro	Total Weight (kg)	Destination	Total Weight (kg)
Q1		8398	169007	167543		31194
	NZ, USA, HAWAII				AUS/NZ/USA	
Q2		7339	146811	142811.6		27026
	NZ, USA, HAWAII				AUS/NZ/USA	
Q3		2212	45191	44484		40
	NZ, USA, HAWAII				AUS/NZ/USA	
Q4		8394	165499	168046.6		14398
	NZ, USA, HAWAII				AUS/NZ/USA	
Total		26,343	526,508	522,885		72,658

Taro destined for overseas markets 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.

Table 1 indicated the total number of bags and the total weight of fresh and frozen taro being exported to different destinations. Such as New Zealand, Australia, USA and Hawaii in quarter 1, 2, 3 and 4 of 2022. In fact, there's a big increase in the number of fresh taro being exported in quarter 4 compared to quarter 3 of more than fifty per cent (58%). Yet, frozen taro has also recorded an increase of hundred per cent (100%) from quarter 3 to quarter 4 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.

Table 3: No. of Planting Materials of Selected Crops by Variety, Quarter 1,2,3 & 4_2022

Crop Name	Variety	Suckers				Seedlings				Airlayer				Trays			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Taro		640	6400	12476	0	1790											
	Cycle 9				0												
	Folasa				1428												
	Samoa 1				0												
	Vave	100	5400	6308		1590											
	Cycle05				0												
	Salani	180			0												
	Taro Pauni				0												
	Fusi	120			1510												
	Talo fola		1000		0												
	Tuisuga				33												
	Putemu				2568												
	Samoa 2	240			629	200											
Breadfruit										0	63	44	0				
	Aveloloa									0	16						
	Fiti									0							
	Maafala									0							
	Manua									0	33	39					
	Maopo									0							
	Momolega									0							
	Puou									0	12						
	Uluea									0							
	Ulu Hawaii									0							
	Ulu Tala									0	2	5					
	Ulusina									0							
	Ulu Falaoa									0							
Cocoa						67,662	35,401	41,310	13,300								
	Samoaan					0	0	1500	0								
	Trinitario					67,662	35,401	39,810	13,300								
Capsicum						970	3020	2570	3340								
	sweet pepper					0	0										
	Roma					0	0										
	California					0	0										
	yellow wonder					250	0										
	Yolo wonder					720	3020	2570	3340								
Chinese Cabbage								1700						178	388	883	335
	Pak choy							1700						137	388	883	245
	Salader													11	0		0
	white stem													0	0		30
	kwang moon													0	0		0
	Green stem													30	0		60
Cucumber						550	1999	2430	1360								
	Bonanza					0	0										
	Slice master					0	0										
	Local					0	0										
	Zipangu					0	0										
	Money Maker					550	1999	2430	1360								
Eggplant						1390	2225	3920	1050								
	Black beauty					0	0	1310									
	florida					0	0										
	local					0	0										
	Pritam (New variety)					1390	80										
	Early long					0	2145	2610	1050								
Head Cabbage														21	51	92	142
	F-S-Cross													0	0		
	KK- Cross													21	51	92	142
	Chinese variety													0	0		
	Pacific Green													0	0		
Lettuce						820	790	2390	1360								
	Tropical					100	382	2390	1360								
	red rapid					0	0	0									
	Seven wonder					720	408	0									
Pumpkin						80			60								
	Queensland					0			60								
	Auro					80			0								
	Samoa Auro					0			0								
	Panderosa					0			0								
Tomato						2020	1410	3784	1810					170			
	Beef Stake					0	0	0									
	Head Master					0	0	0									
	Alafua					280	0	0									
	raising sun					0	0	0	140								
	real gold					0	0	0									
	Roma					1740	460	3784	970					170			
	tropical					0	950	0	700								
Total		640	6400	12476	0	75,202	44,845	58,104	22,280	0	63	44	0	369	388	975	477

Table 4: Number of Planting Materials Distributed by Type of Planting Material by Crop and Crop Type, Quarter 1,2,3 & 4 2022

Crop Type	Crop Name	Seedlings				Trays				Cutting				Suckers				Crafting			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Root Crops		40		100	12					9000		400	600	100	500	630	300				
	Taamu																				
	sweet potatoes											200									
	cassava									9000		200								300	
	Yam	40			12																
	Taro			100								600	100	500	630						
Fruit Trees		870	401	78	120			2									20		35	10	
	Abiu	105	0	12	39																
	Avocado	195	0	8	0																
	Cashew nut		0	0																	
	Guava	50	2	1	10																
	Mango		0	0	0																
	Passion Fruit		20	0	0																
	Rambutan	55	55	2	15																
	Rollinia	50	100	12	4																
	meyer Lemon		23	6	0													20			
	Soursop	205	105	12	24																
	Star fruit	50	50	1	15																
	Tahitian Lime	160	5		5															35	10
	Breadfruit		20	4	0																
	durian		21	0	0																
	sweet orange		0	0	8			2													
papaya		0	20	0																	
Water Melon		0	0	0																	
Plantation Crops		32875	16825	10961	3050									7							
	Banana	0	0	50	0									7							
	Coffee	0	0	0	0																
	Cocoa	30,510	14,220	7,037	2,750																
	Coconut	2365	2605	3874	300																
Nuts & Spices		68			15							5							200		
	Black Pepper	0			15														100		
	Chilli	0																	0		
	Ginger	68																	0		
	Onion	0																	0		
	ava	0																	0		
	Tumeric	0																	0		
	Vanila	0										5							100		
Vegetables		259	282	614	678	2		72													
	Beans		12	30	510																
	capicum	94	70	49																	
	celery		0																		
	Chinese Cabbage	0	0	200		2		65													
	Cucumber		0																		
	Eggplant	89	0	85	83																
	Head cabbage		0					7													
	Kang Kong		0																		
	Lettuce	20	60	25																	
	Pumkin		0																		
	Spring onion		0	100																	
	Sweet Corn	11	0																		
Tomatoes	45	140	125	85																	
Water Melon	0	0	0	0																	
Herb				30																	
	Herbs																				
	Parsley																				
	Coriander			15																	
	Basil			15																	
Total		34,112	17,508	11,683	3,875	2	0	74	0	0	9000	5	400	607	100	500	630	320	200	35	10

Table 5: Number of Planting Materials Distributed for Main Crop by Variety for Selected Crops, Quarter 1,2,3 & 4 2022

Crop Name	Variety	Seedlings				Suckers			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Abiu		105	0	12	39				
	Z-2	105	0	12	39				
	Z-4	0	0	0	0				
Avocado		195	0	8	0				
	Avocado	195	0	8	0				
Black Pepper		0	100	0	15				
	Black Pepper	0	100	0	15				
Breadfruit		0	20	4	0				
	Fiti	0	0	0	0				
	Hawaii	0	0	0	0				
	Maafala	0	0	0	0				
	Puou	0	0	0	0				
	local	0	20	4	0				
	Sina	0	0	0	0				
Cocoa		30510	14220	7037	2750				
	Local	0	50	0	0				
	Trinitario	30510	14170	7037	2750				
Eggplant		89	0	85	83				
	black beauty	39	0	0	20				
	Pritam(new variety)	50	0	0	0				
	Local	0	0	0	0				
	Early long	0	0	85	63				
Ginger		68	0	0	0				
	Local	68	0	0	0				
Rambutan		55	55	2	15				
	rambutan	55	5	2	5				
	R156 red	0	50	0	10				
Rollinia		50	100	12	4				
	Rollinia	50	100	12	4				
Tomato		45	140	125	85				
	Alafua Large	0	0	0	0				
	Roma	45	140	125	85				
	Cherry	0	0	0	0				
	tropical	0	0	0	0				
	Raising sun	0	0	0	0				
Vanilla		0	100	5	0				
	Vanilla	0	100	5	0				
Coconut		2365	2605	3874	300				
	Hybrid	0	0	0					
	samoan tall	2365	2605	3874	150				
	Local	0	0	0	150				
Taro						600	100	600	630
	Fusi						100	0	0
	Salani						0	0	0
	Folasa						0	0	0
	Vave					600	0	600	630
	Cycle 9						0	0	0
	MIX- (Sam2/Fusi)						0	0	0
	Export (Variety)						0	0	0
	Samoa 2						0	0	0
Total		31,117	17,320	11,164	3,291	600	100	600	630

