

JCTR RURAL BASKET: MULELE AREA, SHANGOMBO

February 2013

(A) BASIC FOOD ITEMS FOR AVERAGE SIZE FAMILY OF SEVEN IN MULELE AREA

Monthly Food Needs – “Jan-Mar Ideal”		Average Actual Food Consumed – “Prevailing Situation”		
Item	Quantity	Item	Quantity	Common Means of Access (K/Kg)
Maize Grain	100Kg	Maize Grain	81.9Kg	Harvest
Cassava Tubers	20 Kg	Fresh Maize	20.5Kg	Harvest
Eggs	300g	Munkoyo	18.6Kg	Household brew
Chicken	5 Kg	Chicken	4.1Kg	Reared
Sweet Potatoes	10Kg	Beef	7.6Kg	Reared
Fresh fish	5 kg	Fresh fish	7.3Kg	Caught
Dry Fish	1 Kg	Dry fish	2.4Kg-	Caught
Beans	5 Kg	Wild birds	4.3Kg	Caught
Groundnuts	5 Kg	Milk	16.9L	Reared animals
Tomatoes	10 Kg	Beans	4.6Kg	Harvested
Onions	2 Kg	Pumpkin Lvs	10Kg	Harvest
Rape	4 kg	Sugar cane	19.7Kg	Harvest
Sweet Potatoes	2 Kg	Guava	13Kg	Harvest
Pumpkin Leaves	3 Kg	Sugar	2.5Kg	K9, 000
Sugar	2 Kg	Salt	1.1Kg	K6, 000
Okra	2kg	Cooking oil	1.7L	K13, 000 per 750mL
Salt	1 Kg			
Cooking oil	2 litres			
Avg. Calories / person / day		2,400	Avg. Calories / person / day	
Avg. Protein / person / day		30	1,940	
Avg. Calcium/ person / day		450	Deficit (-460)	
Avg. Iron / person / day		13	Avg. Protein / person / day	
Avg. Vit A / person / day		636	61	
			Surplus (+32)	
			Avg. Calcium / person / day	
			604	
			Surplus (+154)	
			Avg. Iron / person / day	
			22	
			Surplus (+9)	
			Avg. Vit A / person / day	
			1,301	
			Surplus (+665)	

(B) ESSENTIAL NON-FOOD ITEMS

Monthly Non-Food Needs			Average Actual Expenditure on Non-Food Needs		
Item	Quantity	Cost (K)	Item	Quantity	Cost (K)
Batteries	5 cells	7,500	Batteries	3 cells	4,500
Matches	10 boxes	2,500	Matches	3 boxes	750
Bath Soap	4 tablets	24,000	Bath Soap	1 tablet	6,000
Wash Soap	2 x 400g boom	10,000	Wash Soap	1 x 400g	5,000
Lotion	2 x 400 mLs	14,000	Lotion	1 x 400 mLs	7,000
Milling	100Kgs	25,000	Milling	68Kgs	17,000
Total Cost			Average Expenditure		
K83, 000			K40, 250		

(C) ESSENTIAL SERVICES

Service	Cost	Distance	Comment
Water	Free	Local	32 boreholes but 14 are out of use. The boreholes cannot meet the demands of the people; there are 425 pupils and 327 households The borehole at the school has broken down and pupils bring water from their homes. There are no streams in the area
Sanitation	Local		There are 24 latrines at the school and are thatched. No household has VIP latrines
Firewood	Free	local	Firewood is collected from the nearby bush
Primary School (grades 1 to 7)	Free	100m-10Km	6 teachers, 315 pupils. The school is fairly staffed
Basic School		100m-10Km	1 teacher, 74 pupils, the school is not adequately staffed
Secondary School			The area has no secondary school
Clinic	3-5hrs	14-28Km	There are 2 medical staff but the area has no clinic, people walk to Mutomena for medical services. But Coartem is available at Mutomena clinic
Hospital			There is no hospital in the area
Transport (Mulele to Nangweshi)	K150, 000	37Km	Transport is very expensive because the area is not linked to other places by road
Transport (Mulele to Senanga)	K220, 000	72Km	Transport is very expensive due to the bas state of the road
Agricultural Extension		local	The officer visits 15 times but has no transport
Input delivery			No fertilizer was received but small scale farmers had 327 and they need empowerment from the government FRA has not visited while maize not harvested yet
Hammer Mill			There are 7 but are not adequate. 3 are not working at the moment
Community Development			The area has no bridge and welfare officer has not visited No welfare visits

(D) PREVAILING LIVELIHOODS OF SELECTED HOUSEHOLDS IN MARCH

	Grocery Sales	Grinding Maize	Selling Sour Milk
Input Costs	K1,500,000-K2,000,000	Diesel-K150,000	Reared cattle
Sales	K2,300,000-K3,000,000	K1,400,000	K14,000-K28,000
Profit / Wage	K800,000-K1,000,000	K1,250,000	K14,000-K28,000

(E) MINIMUM ANNUAL FOOD PRODUCTION FOR HOUSEHOLD FOOD SECURITY IN MULELE AREA, SHANGOMBO

	Maize	Cassava	Sweet potato	Groundnuts
Average yield per Lima	12 x 50 Kg bags	200Kg/ year	3000-5000Kg	700Kg
Required Inputs	5 Kg Seed, 50 Kg Basal Fertilizer, 50 Kg Top Dressing, Labour	2500 cassava cuttings, Labour	48x50Kg vines, Labour	20 Kg seed, Labour
Total Input Cost	K670,000	K1,150,000	K110,000	K210,000

****Data was only collected from 8 families instead of the recommended 20 families. The rest families in the sample were involved in doing work in another area and could not be interviewed**

*This survey was conducted during the first week of **March 2013** by the Social Conditions Programme of the Jesuit Centre for Theological Reflection. Average calories were calculated on the basis of food consumption from randomly selected households within Mulele area in Shangombo. Additional information was collected from rural health centres, Ministry of Agriculture and Cooperatives, schools etc, within Shangombo district.*

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