

VSU RESEARCH QUARTERLY ACCOMPLISHMENT REPORT

Engineering Section October - December 2021

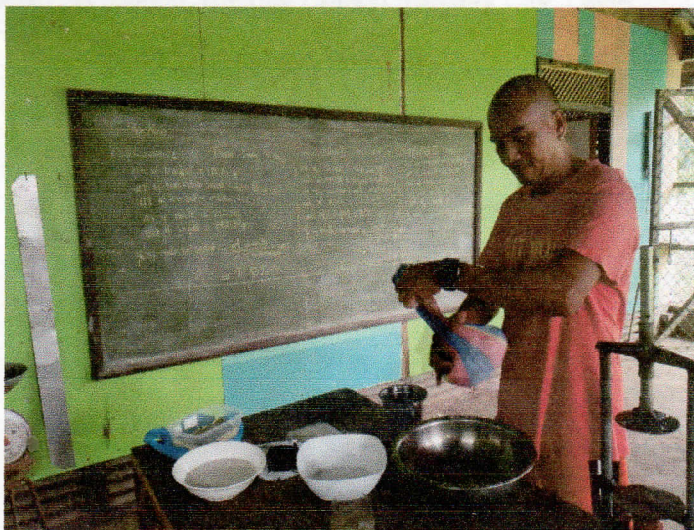
1. The performance of the coconut milk extractor was evaluated in terms of the extraction time and the percent milk extracted. It was compared to the manual method. Only Baybay tall coconut variety was used to eliminate varietal differences. A skilled laborer performed the extraction of the coconut milk for both methods. There were three replications and one coconut was extracted for each replication. Table 1 and 2 show the extraction time and the percent milk extracted for both methods.

Table 1. Extraction Time (sec)

Method	1	2	3	Mean
Manual	269	236	214	239.67
Extractor	70	59	58	62.33

Table 2. Percent Milk Extracted (%)

Method	1	2	3	Mean
Manual	20.16	21.09	23.67	21.64
Extractor	49.45	52.12	46.48	49.35



2. Cleaned the area near the NCRC engineering shop and copra dryer.