

B) AGGREGATION AND PROCESSING

Aggregation

Aggregation of rice involves bulking of paddy rice by cooperatives societies, small scale farmers groups and rice millers for economies of scale during marketing or processing.



Transportation of rice for aggregation

Processing

Processing of rice involves milling, grading and packaging. Milling of paddy rice is done by commercial rice millers who includes; Dominion mill, NIB Coop mill, Capwell millers, Western Kenya Rice mills, Tana Delta and Small-holder millers in small quantities by rice dehulling mills. Additionally there are several privately owned mills among them Mwea Nice rice millers in Mwea.



Rice milling equipment



Mobile rice milling equipment



Farmer mortar NERICA for their consumption



Rice milling machine

Grading

Seed and paddy rice grading is normally done during processing and specialized equipment required

Packaging

Rice seed and milled rice is packaged in appropriate materials using different levels. The type and quality of the packaging material will depend on the processing and packaging equipment being used, plus the targeted customers.



Packaged NERICA rice



Rice wine

Rice by-products

By-products	Economic usage
wine	Rice wine, "Saki" much consumed in Japan
Rice hull	Animal feeds

Rice straw	roofing, packing material, Animal feed (hay), Animal feed
Husk	Cooking fuel