



KCSAP COLLABORATIVE SEED SYSTEM RESEARCH GRANTS AWARDED SUMMARY PROPOSALS

Project No. & Title:	SS02/1/1: Multiplication and delivery of <i>Brachiaria</i> and Forage Sorghum germplasm in Arid and Semi – Arid Counties of Coastal Kenya
Lead Institution:	Dairy Research Institute, MSABAHA
Value chain:	Dairy
Team leader:	Changawa Mambo Email: changawa.mambo@kalro.org , lcmambo@yahoo.co.uk
Key Partners	Taita Taveta University, KEPHIS, ATC-Mpeketoni, County governments of Taita Taveta , Tana River and Lamu
Project Team Members:	C.N. Ondiko (KALRO), K.K. Lewa (KALRO), G.S. Munga (KALRO), E.N. Muthiani (KALRO), N. Wambua (MoALF) (Tana River), M.L. Oyindo (MoALF) Taita Taveta), Bashora D. Wachu (MoALF) Lamu), Michael Ojunga (KEPHIS)
Project Amount	7,000,000
Project Duration:	12 Months

Summary

Livestock production in Coastal Kenya is constrained by unavailability of high quality feed resources. Farmers in Coastal Kenya depend on natural pastures to feed livestock which leads to low livestock productivity. High quality and high yielding forage planting materials play a vital role in livestock development; as they are the recipe for increased forage production per unit area at the farm level. The Kenya Agricultural and Livestock Research Organization has high yielding and climatically adapted forages that when availed to farmers can turn around the livestock sector and improve livestock products. The unavailability of affordable quality planting materials has hindered adoption of high yielding forages. This project aims at providing sustainable and salable *Brachiaria* and forage sorghum planting materials through decentralized multiplication and distribution of seed to livestock farmers in Coastal Kenya. Two forage sorghum and four

Brachiaria cultivars are earmarked for production and distribution to farmers in the Coastal Kenya. The project will initially focus on 30 CBSPOs, 10 each from Taita Taveta, Lamu and Tana River Counties. The proposal will (1) enhance production and maintenance of Brachiaria and forage sorghum germplasm. (2) Establish and strengthen Brachiaria and forage sorghum seed production systems (3) catalyze growth of competitive *Brachiaria* and forage sorghum seed retail networks.