



**KCSAP COLLABORATIVE APPLIED RESEARCH GRANTS  
AWARDED PROPOSALS**

SECTION 1: LEAD INSTITUTION AND PRINCIPAL INVESTIGATOR (PI) PARTICULARS			
1.1	LEAD INSTITUTION:	Kenya Agricultural and Livestock Research Organization (KALRO)- Food Crop Research Institute Kitale (FCRI).	
1.2	Principle Investigator:		
	Name: Dr Mary N. Koech		
1.3	Mailing Address:	P. O Box 450 – 30200 Kitale	
1.4	E-Mail Address:	kifukom@yahoo.com, kifkoech@gmail.com, MaryK.Koech@karlo.org	
1.5	Collaborators and their affiliate Institutions		
	Caroline Kute - KALRO Ms Mary Mwanja - KALRO Dr Keziah Wairimu - KALRO Dr Japheth Wanyama - KALRO Leornard Jamoza - KALRO Dr Joyce Malinga – KALRO Ministry of Agriculture, Livestock and Fisheries, KEPHIS		
SECTION 2: PROJECT PARTICULARS			
2.1	PROJECT No. & TITLE:	SS02/1/4 Development of competitive and sustainable forage seed systems for dairy farming stakeholders in North Rift Kenya.	
2.2	KCSAP Livestock Value Chain (i.e. Dairy, Red Meat, Indigenous Chicken, Apiculture, Aquaculture including Animal Health and Pastures and Fodder:	Livestock	
2.3	Value Chain:	Forage and Pasture	
2.4	Location (Area)	North Rift Kenya.	
	Date of Commencement:		Expected Date of Completion:
			Total Duration in Months:
			24 months
2.6	Total Cost of the Project (KES):	7,000,010	

<b>3.1</b>	<b>Executive Summary</b>	<p>Although dairy farming account for 6-8% of Kenya's gross domestic product (GDP), poor nutrition caused by inadequate quantity and low quality feeds are major constraints that limit productivity. Factors contributing to low forage production are inadequate availability of quality certified seed, unregulated and diseased vegetative planting materials and reduced access to seed due to undeveloped infrastructure. To meet seed demand, increasing seed production and providing alternative forage seed distribution system is key in bringing seed closer to the farmer. This requires development of an innovative multi-stakeholder and multi-disciplinary approach of availing clean forage seeds/planting materials to community based seed production organizations (CBSPOs). The objective of the project is therefore to develop a competitive and sustainable seed system for livestock improvement in Elgeyo Marakwet, West Pokot and Uasin Gishu counties.</p>
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