



**KCSAP COLLABORATIVE APPLIED RESEARCH GRANTS  
AWARDED PROPOSALS**

SECTION 1: LEAD INSTITUTION AND PRINCIPAL INVESTIGATOR (PI) PARTICULARS			
1.1	LEAD INSTITUTION:	KALRO Arid and Range Lands Research Institute, Kiboko	
1.2	Principle Investigator:		
	Name: Simon G. Kuria		
1.3	Mailing Address:	P.O Box 12 – 90138, Makindu	
1.4	E-Mail Address:	<a href="mailto:simon.kuria@kalro.org">simon.kuria@kalro.org</a> ; <a href="mailto:kuriasg@gmail.com">kuriasg@gmail.com</a>	
1.5	Collaborators and their affiliate Institutions		
	County Government of Kajiado, Farmers Bosco Kidake - KALRO Bernard Korir - KALRO Denis Kubasu - KALRO Benson Mulei- KALRO		
SECTION 2: PROJECT PARTICULARS			
2.1	PROJECT No. & TITLE:	SS02/1/2 Seed Bulking and Distribution Business Model for Range Pasture Grass seeds	
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:	Pasture	
2.4	Location (Area)	KALRO KIBOKO	
	Date of Commencement:		Expected Date of Completion:
			Total Duration in Months:
			18 months
2.6	Total Cost of the Project (KES):	7,000,200.00	
3.1	Executive Summary	The shortfall in supply of pasture seeds remains a major limitation in the efforts to avail quantity and quality feed for livestock in Kenya ASALs for improved productivity and well-being of the people. Several initiatives have been undertaken before but have not resolved this challenge. This write-up proposes to develop a seed production and distribution business model to ensure profitable and sustainable supply of range pasture seeds for use in establishment of new pasture fields and rehabilitation of degraded rangelands. Implementation of the proposed activities is estimated to cost KES. 6.8 million over a period of 18 months. This is expected to positively impact on livestock productivity, resilience of ASAL communities to climate change and withdraw carbon from the atmosphere for photosynthesis of established and rehabilitated pastures.	

