KCSAP COLLABORATIVE ADAPTIVE RESEARCH GRANTS

AWARDED PROPOSAL SUMMARY

SECTION 1: LEAD INSTITUTION PARTICULARS			
1.1	**LEAD INSTITUTION:**	Department of Animal Production University of Nairobi	
1.2	Principle Investigator:		
	Name: **Prof Raphael G. Wahome**		
1.3	Mailing Address:	P.O. Box 29053 – 00625 Kangemi	
1.4	Collaborators:	Prof C.K. Gachuiri Prof B.N. Mitaru Dr Rawlence Bett Mr B.O. Inyangala Dr C. Kamau Dr J. Kariuki Dr E. Muthiani Dr A. Kagunyu Mr Nzioka Wambua Mr Gibson Ngigi Roderick Mr Ali Haji	
SECTION 4: PROJECT PARTICULARS			
4.1	THE PROJECT TITLE:	**GA02-2/5: Climate change adaptations for sustainable beef production in Tana River county**	
4.2	KCSAP Thematic Area:	RED MEATS	
4.3	Value Chain:	BEEF	
4.4	Location (Area)	Tana River County	
4.5	Duration in Years: - (Not more than 3 Years)		
	Date of Commencement:	Expected Date of Completion:	Total Duration in Months:
4.6	Total Cost of the Project (KES):	**19,999,828**	

4.7	Date of Submission:	13 September 2019
SECTION 5: PROJECT BODY NARRATIVE		
5.1	**Executive Summary**	

In Tana River County, cattle keepers are constrained by climate change induced feed scarcity. Cattle keepers are forced to sell immature animals at low prices to enable survival of the breeding herd. Erratic weather patterns emanating from climate change have exacerbated the already precarious situation. To overcome the above problem, the project will establish a finishing system for immature animals through feedlots. Rations based on locally produced feedstuffs will be fed to improve cattle productivity, meat quality, employment diversification, resilience and reduced GHG. The project will use sorghum-*Dolichos lablab* silage, *Cenchrus ciliaris* hay, *Prosopis* pods mixtures for feeding beef cattle.