



# **Results –Framework Document (RFD)**

**for**

## **National Research Centre on Camel (2014–2015)**

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## **Section 1: Vision, Mission, Objectives and Functions**

### **Vision**

Improvement of economic status of the camel keepers through technological interventions

### **Mission**

Improvement of camel production system, conservation of elite indigenous camel germplasm and exploring avenues for profitable camel husbandry by undertaking basic and applied research for improvement of camel, providing leadership and co-ordinate camel research and training nationally and act as a national repository of information and collaborating with national and international agencies for camel research and development

### **Objectives**

- Management of camel diseases through surveillance, prophylactic and control measures
- Enhancement of camel productivity by breeding, nutritional, physiological, reproductive interventions and product development

### **Functions**

- To manage camel diseases through surveillance, prophylactic and control measure
- To enhance camel productivity through conventional and molecular approach

## Section 2 : *Inter se* priorities among Key Objectives, Success indicators and Targets

S. No.	Objectives	Weight	Actions	Success indicators	Unit	Weight	Target / Criteria Value				
							Excellet	Very good	Good	Fair	Poor
							100%	90%	80%	70%	60%
1.	Management of camel diseases through surveillance, prophylactic and control measures	40	Surveillance, monitoring and treatment of camel disease	Health and extension camps organized	Number	20	54	45	36	27	18
			Investigation of causes of mortality and morbidity	Samples processed for establishment of cause	Number	20	600	500	400	300	200
2.	Enhancement of camel productivity by breeding, nutritional, physiological, reproductive interventions and product development	40	Improvement of growth and production of camel	Breeds covered under growth and production study	Number	10	4	3	2	1	0
			Evaluation and improvement of physiological & reproductive efficiency and nutritional status of camel	Camels covered under physiological and reproduction study	Number	10	84	70	56	42	28
				Feed formulations	Number	10	14	12	10	8	6
			Training/awareness activity on processing & its utilization of camel milk	Trainees/ participants	Number	10	26	22	18	14	10
	Publication/Documentation	5	Publication of the research articles in the journals having the NAAS rating of 6.0 and above	Research articles published	Number	3	11	9	7	5	3
			Timely publication of the Institute Annual Report (2013-2014)	Annual Report published	Date	2	30.06.2014	02.07.2014	04.07.2014	07.07.2014	09.07.2014

	Fiscal resource management	2	Utilization of released plan fund	Plan fund utilized	%	2	98	96	94	92	90
	Efficient Functioning of the RFD System	3	Timely submission of Draft RFD for 2014-2015 for Approval	On-time submission	Date	2	May 15, 2014	May 16, 2014	May 19, 2014	May 20, 2014	May 21, 2014
Timely submission of Results for 2013-2014			On-time submission	Date	1	May 1 2014	May 2 2014	May 5 2014	May 6 2014	May 7 2014	
	Enhanced Transparency / Improved Service delivery of Ministry/Department	3	Rating from Independent Audit of implementation of Citizens' / Clients' Charter (CCC)	Degree of implementation of commitments in CCC	%	2	100	95	90	85	80
			Independent Audit of implementation of Grievance Redress Management (GRM) system	Degree of success in implementing GRM	%	1	100	95	90	85	80
	Administrative Reforms	7	Update organizational strategy to align with revised priorities	Date	Date	2	Nov.1 2014	Nov.2 2014	Nov.3 2014	Nov.4 2014	Nov.5 2014
			Implementation of agreed milestones of approved Mitigating Strategies for Reduction of potential risk of corruption (MSC)	% of Implementation	%	1	100	90	80	70	60
			Implementation of agreed milestones for ISO 9001	% of implementation	%	2	100	95	90	85	80
			Implementation of milestones of approved Innovation Action Plans (IAPs)	% of implementation	%	2	100	90	80	70	60

### Section 3: Trend Values of the Success Indicators

S. No.	Objectives	Actions	Success Indicators	Unit	Actual Value for FY 12/13	Actual Value for FY 13/14	Target Value for FY 14/15	Projected Value for FY 15/16	Projected Value for FY 16/17
1.	Management of camel diseases through surveillance, prophylactic and control measures	Surveillance, monitoring and treatment of camel disease	Health and extension camps organized	No.	41	40	45	50	55
		Investigation of causes of mortality and morbidity	Samples processed for establishment of cause	No.	450	825	500	525	600
2.	Enhancement of camel productivity by breeding, nutritional, physiological, reproductive interventions and product development	Improvement of growth and production performance of camel	Breeds covered under growth and production study	No.	4	4	3	3	3
		Improvement of physiological & reproductive efficiency and nutritional status of camel	Camels covered under physiological and reproduction study	No.	50	117	70	75	80
			Feed formulations	No.	5	13	12	14	16
		Training/awareness activity on processing & its utilization of camel milk	Trainees/participants	No.	18	115	22	25	28
Publication/Documentation	Publication of the research articles in the journals having the NAAS rating of 6.0 and above	Research articles published	No.	7	8	9	10	11	
		Timely publication of the Institute Annual Report (2013-2014)	Annual Report published	Date	-	-	02.07.2014	-	-

	Fiscal resource management	Utilization of released plan fund	Plan fund utilized	%	100	99.86	96	98	98
	Efficient Functioning of the RFD System	Timely submission of Draft RFD for 2014-2015 for Approval	On-time submission	Date	-	-	May 16, 2014	-	
		Timely submission of Results for 2013-2014	On-time submission	Date	-	-	May 2, 2014	-	
	Enhanced Transparency / Improved Service delivery of Ministry/Department	Rating from Independent Audit of implementation of Citizens' / Clients' Charter (CCC)	Degree of implementation of commitments in CCC	%	-	-	95	-	
		Independent Audit of implementation of Grievance Redress Management (GRM) system	Degree of success in implementing GRM	%	-	-	95	-	
	Administrative Reforms	Update organizational strategy to align with revised priorities	Date	Date	-	-	Nov.2, 2014	-	
		Implementation of agreed milestones of approved Mitigating Strategies for Reduction of potential risk of corruption (MSC)	% of Implementation	%	-	-	90	-	
		Implementation of agreed milestones for ISO 9001	% of implementation	%	-	-	95	-	
		Implementation of milestones of approved Innovation Action Plans (IAPs)	% of implementation	%	-	-	90	-	

#### **Section 4 (a) : Acronyms**

<b>S.No.</b>	<b>Acronym</b>	<b>Description</b>
1	AH	Animal Husbandry
2	KVKs	Krishi Vigyan Kendras
3	NGOs	Non-Governmental Organizations
4	SAUs	State Agricultural Universities

## Section 4 (b): Description and definition of success indicators and proposed measurement methodology

S.No.	Success Indicator	Description	Definition	Measurement	General comments
1	Health and extension camps organized	The health and extension camps will cover major camel rearing villages and provide expert treatment to camels. The technologies will be disseminated and farmers problems be addressed.	Several camel rearing villages are remotely located and the camel populations at times do not get proper veterinary aid. The technologies and expertise available at the centre needs to be disseminated.	Number	The treatment of sick camels will facilitate the camel owners and provide biological samples to the scientists for further research. The extension camps will help in disseminating the technologies and provide a forum to the camel owners and the scientists to interact and understand each other in a better manner.
2	Samples processed for establishment of cause	The biological samples from farm and field will be collected from sick camels suffering from diseases of complex nature.	At times camels suffer from diseases of complex nature and routine treatment is not effective.	Number	The camels suffering from diseases of complex nature need to be addressed by the scientists as the routine treatment by the veterinary officers may not provide sufficient relief.
3	Breeds covered under growth and production study	The growth and production performance of the camels will be studied and selection for the better performance will be done.	Regular evaluation and improvement of growth and production parameters need to be addressed for better performance of the species.	Number	With the change in climate and other factors the performance of the camel populations is also affected. Regular monitoring of performance and steps to improve production will ultimately result in better studs for field improvement.
4	Camels covered under physiological and reproduction study	The physiological and reproduction study will be focused on improvement of physiological conditions of the camels and reproductive performance of the camel.	For better performance of the species, the physiological and reproductive efficiency needs to be paid attention.	Number	Enhanced physiological and reproductive performance will increase the lifetime returns from an animal and hence beneficial for the camel farmers.
5	Feed formulations	Different feed formulations of locally available feeds will be prepared and tested for nutritional parameters.	The availability of feeds changes from time to time. Different feed formulations need to be carried out for improving growth and productivity.	Number	Better utilization of locally available feed resources reduces the feed cost and provides optimum nutrition to camels resulting in increased production in less cost.
6	Trainees/participants	Training for the preparation of camel milk products will be given to the interested youth of this country	The youth of this country needs to trained for the technologies/preparations methods developed at the Centre	Number	With the learning of new skills, the preparation of value added milk products will be possible at much larger scale resulting in earning of livelihood of people and will also help in sustaining the species



**Section 5 : Specific performance requirement from other departments that are critical for delivering agreed results**

<b>Location Type</b>	<b>State</b>	<b>Organisation Name</b>	<b>Relevant Success Indicator</b>	<b>What is your requirement from this organisation</b>	<b>Justification for this requirement</b>	<b>Please quantify your requirement</b>	<b>What happens if your requirement is not met</b>
State	Camel Rearing States of India, mainly Rajasthan, Haryana and Gujarat	State Animal Husbandry Department / KVK / SAUs / NGOs	Health and extension camps organized	Request for expert opinion and problem solving with respect to treatment of camel diseases	The AH departments, NGOs and KVKs are located all through the breeding tracts of camels	Disease incidence cannot be predicted and quantified	The targeted values may not be achieved
State	Camel Rearing States of India, mainly Rajasthan, Haryana and Gujarat	State Animal Husbandry Department / KVK / SAUs / NGOs	Samples processed for establishment of cause	Request for expert opinion and problem solving with respect to sample collection from diseased camels	The AH departments, NGOs and KVKs are located all through the breeding tracts of camels	Disease incidence cannot be predicted and quantified	The targeted values may not be achieved
State	Camel Rearing States of India, mainly Rajasthan, Haryana and Gujarat	State Animal Husbandry Department / KVK / SAUs / NGOs	Trainees / participants	Request for organization of training programme	These agencies have day to day contact with the camel farmers	Cannot be quantified as there are several agencies and one may not respond but the others may compensate	The targeted values may not be achieved

### Section 6: Out Come/Impact of activities of Department/Ministry

S. No.	Outcome/ Impact	Jointly responsible for influencing this outcome/ impact with the following organization (s) department(s)/ministry (ies)	Success indicator (s)	Unit	2012-2013	2013-2014	2014-2015	2015-2016	2016-2011
1	Awareness of camel milk utilization through sale of milk products	-	Increase in sale of milk products through milk parlour	Percent	3.44%	0.31%	1.64%	3.23%	3.13%

### Past Achievements of the Success Indicators

S. No.	Success Indicators	Unit	Past Achievements of the Success Indicators								Mean of the Achievements	Projected value of the success indicator for 2014-15 as per the approved RFD 2013-14
			Old est	FY 7/8	FY 8/9	FY 9/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14		
1	Health and extension camps organized	No.	0	7	21	16	18	38	47	40	26.7	45
2	Samples processed for establishment of cause	No.	0	78	1358	1356	512	373	1109	825	801.6	500
3	Breeds covered under growth and production study	No.	1	3	3	3	3	3	4	4	2.9	3
4	Camels covered under physiological and reproduction study	No.	-	121	168	138	79	48	50	117	103	70
5	Feed formulations	No.	5	3	5	3	6	10	11	13	7	12
6	Trainees / participants	No.	-	-	-	-	-	15	18	115	49.3	22

**Classification of Success Indicators according to its Category**

<b>S. No.</b>	<b>Success Indicator(s)</b>	<b>Input</b>	<b>Activity</b>	<b>Internal Output</b>	<b>External Output</b>	<b>Outcome</b>	<b>Measures Qualitative Aspects</b>
1	Health and extension camps organized	False	True	False	False	False	True
2	Samples processed for establishment of cause	False	True	False	False	False	True
3	Breeds covered under growth and production study	False	True	False	False	False	True
4	Camels covered under physiological and reproduction study	False	True	False	False	False	True
5	Feed formulations	False	False	True	False	False	True
6	Trainees / participants	False	False	False	True	False	True