

RESULTS-FRAMEWORK DOCUMENT (RFD)

For

NATIONAL RESEARCH CENTRE ON CAMEL (2012-2013)

Address: Post Bag No. 07, Jorbeer, Bikaner - 334001, Rajasthan

Website ID: http://www.nrccamel.res.in

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

- Genetic improvement of indigenous camels through conventional and molecular means for increasing production and productivity.
- Evaluating physiological efficiency of camel for optimal utilization under impending climate change and improving reproductive efficiency of camel.
- 3. Feed resource inventerization, evaluation and up-scaling feeding technology for camel.
- Management of camel diseases through surveillance, sero-monitoring, prophylactic and control measures.
- Post-harvest processing and value addition of camel milk products and dissemination of technical know-how.

FUNCTIONS

To focus on overall development of camel husbandry through improved production, conservation of elite dromedary germ plasm, efficient diagnosis of camel diseases and their control, augmenting reproductive efficiency and tackling the issues of climate change vis-à-vis camel production and transfer of technology for uplifting the rural economy in arid and semi-arid camel rearing zones of the country.

SECTION 2

Inter se Priorities among Key Objectives, Success indicators and Targets

						13		
	Poor	%09	0	-	0	28.2.13	0	7
Value	Fair	%02	- 1	7	0	31.1.13	0	œ
Target / Criteria Value	Good	%08	7	m	-	15.1.13	0	6
Target	Very	%06	rs.	4	2	31.12.12		10
	Excellent	%001	4	NA.	rs.	30.11.12	2	11
Weight	(%)		s	S	25	8	מי	5
Unit			Number	Number	Number	Date	Number	Number
Success Indicators			Number of breeds to be covered for which milk production analysis is to be carried out	Number of breeds to be covered for which growth performance is to be analysed	Number of physiological stages for which correlation will be worked out	Measurement of draught output, physiological responses and endurance	Efficacy of protocols of artificial insemination	Breeding after calving and
Actions			Selection for enhancement of milk production potential of the indigenous camel breeds	Evaluation of growth performance of indigenous camel breeds	Body condition scoring and their correlation with different physiological stages of camel	Comparative analysis of camel draught power with multipurpose tool carrier and traditional implements under field conditions	Developing artificial insemination in camel	Reduction in inter-
Weight	(%)		01		20	Å.		
Objectives			Genetic improvement of indigenous camels through conventional and molecular means	for increasing production and productivity	Evaluating physiological efficiency of camel for optimal utilization under	impending climate change and improving reproductive efficiency of camel		

	Feed resource inventerization, evaluation and up-scaling	feeding technology for	camel	Management of camel diseases through surveillance, sero-monitoring, prophylactic and	control measures	V .	Post-harvest processing and value addition of	products and dissemination of technical know-	Efficient functioning of the RFD system		
	10			33 80			10		Ç.ş		
remare camers	Rumen microbial bio-diversity and in-vitro fermentation	studies	Evaluation of nutritional status in early lactating camels	Organisation of health camps for disease surveillance, monitoring and treatment	Collection of biological samples for diagnosing common diseases of camel	Investigation on causes of mortality in camel	Popularization and refinement of camel milk products	Dissemination of technical know- how through extension activities	Timely submission of RFD for 2012-	Timely submission of results for 2012-	
	Isolation and molecular identification of anaerobic cellulolytic bacteria from camel rumen	In-vitro/in-vivo evaluation of feed	Response of diet on performance and production of lactating carnels	Number of health camps /visits organized	Number of samples processed and pathogens studied	All camels succumbing to death at the Centre	Number of such products to be refined and popularized	Number of exhibitions organized and attempts made for dissemination of technologies	On-time submission	On-time submission	
	Number	Number	Date	Number	Number	Date	Number	Number	Date	Date	
	2.5	2.5	S	13	15	10	O.	CA.	2	-	
	30	6	15.1.13	40	500	20.3.13	4	6	23.3,12	1.05.13	
	25	5	28.2.13	36	450	25.3.13	دن	5	26.3.12	2.05.13	
	20	4	10.3.13	30	400	28.3.13	2 1	4	27.3.12	3.05.13	
	15	Ç.)	20.3.13	25	350	30.3.13		_	32	ω	28.3.12
	10	2	31.3.13	20	300	31.3.13	0	22	29.3.12	7.05.13	

Administrative 5 Implement ISO Reforms 9001	Implement mitigating strategies for reducing potential risk of corruption	Improving 4 Implementation of Internal Sevottam	Efficiency /
Prep plan Impl 9001	170		Ind
Prepare ISO 9001 action plan Implementation of ISO 9001 action plan	% of implementation	Independent Audit of Implementation of Citizen's Charter	Independent Audit of implementation of public grievance redressal system
Date Date	%	%	%
2	2	2	2
4.6.12 25.3 _. 13	100	100	100
5.6.12 26.3.13	95	95	95
6.6.12 27.3.13	90	90	90
7.6.12 28.3.13	85	85	85
8.6.12 29.3.13	80	80	80

Section 3
Trend Values of the Success Indicators

technology for camel	Feed resource inventerization, evaluation and up- scaling feeding			impending climate change and improving reproductive efficiency of camel	Evaluating physiological efficiency of camel for optimal utilization under	molecular means for increasing production and productivity	Genetic improvement of indigenous camels through conventional and	Objectives
	Rumen microbial bio- diversity and in-vitro fermentation studies	Reduction in inter- calving period in female camels	Developing artificial insemination in camel	Comparative analysis of camel draught power with multipurpose tool carrier and traditional implements under field conditions	Body condition scoring and their correlation with different physiological stages of camel	Evaluation of growth performance of indigenous camel breeds	Selection for enhancement of milk production potential of the indigenous camel breeds	Actions
In-vitro/in-vivo evaluation of feed	Isolation and molecular identification of anaerobic cellulolytic bacteria from camel rumen	Breeding after calving and ahead of breeding season	Efficacy of protocols of artificial insemination	Measurement of draught output, physiological responses and endurance	Number of physiological stages for which correlation will be worked out	Number of breeds to be covered for which growth performance is to be analysed	Number of breeds to be covered for which milk production analysis is to be carried out	Success Indicators
Number	Number	Number	Number	Date	Number	Number	Number	Unit
6		15	22	≥ n	31	42	ω	Actual value for FY10/11
10	20	28	2	31.12.11	دن	4	Į.	Actual value for FY 11/12
S	25	10	-	31.12.12	2	4.	φ. }	Target value for FY 12/13
5	a		0 <u></u>	31.12.13	2	4	· ·	Projected value for FY 13/14
5	21		-	31.12.14	2	4	ယ	Projected value for FY 14/15

	Management of camel diseases through surveillance, sero-monitoring,	prophylactic and control measures		Post-harvest processing and value addition of	products and dissemination of technical know-	Efficient functioning of the	KFD system	Administrative	Kelorms		Improving Internal Efficiency / responsiveness /	service delivery of Ministry / Department
nutritional status in early lactating camels	Organisation of health camps for disease surveillance, monitoring and treatment	Collection of biological samples for diagnosing common diseases of carnel	Investigation on causes of mortality in camel	Popularization and relinement of camel milk products	Dissemination of technical know-how through extension activities	Timely submission of RFD for 2012-13	Timely submission of results for 2012-13	Implement ISO 9001		Implement mitigating strategies for reducing potential risk of corruption	Implementation of Sevottam	
performance and production of lactating camels	Number of health camps /visits organized	Number of samples processed and pathogens studied	All camels succumbing to death at the Centre	Number of such products to be refined and popularized	Number of exhibitions organized and attempts made for dissemination of technologies	On-time submission	On-time submission	Prepare SIO 9001 action plan	Implementation of ISO 9001 action plan	% of implementation	Independent Audit of Implementation of Citizen's Charter	Independent Audit of implementation of public gricvance redressal system
Date	Number	Number	Date	Number	Number	Date	Date	Date	Date	%	%	%
,x	13	512	31.3.11	tu.	U ₁	3		4	4		r	4
•	28	373	25.3.12	Lu	10		'		7	t		
28.2.13	36	450 🗻	25.3.13	ىي	U _i	26.03.12	02.05.13	05.06.12	26.3.13	95	95	95
	33 00	475	25.3.14	(L)	6	(<u>*</u>	10		į	•	•	
I.	40	500	25.3.15	Çs	7						4	

Description and Definition of Success Indicators and Proposed Measurement Methodology

Objective 1

- With respect to selection for enhancement of milk production potential of the indigenous camel
 breeds it is envisaged that the evaluation of three important breeds of camel viz. Bikaneri,
 Kachchhi and Mewari would be carried out. Minimum 15 females are to be re corded and
 production potential analysed. The targeted number of breeds is same in subsequent years
 because all the three main milch breeds of camel have been included in the study.
- With respect to genetic improvement of indigenous camel breeds for better growth, it was
 envisaged to compare all four breeds of dromedary during different stages of growth. All
 available animals will be measured in each breed. The targeted number of breeds is same in
 subsequent years because all breeds of camel available at the farm have been included in the
 study.

Objective 2

- With respect to body condition scoring and its correlation with different physiological stages of
 camel, it is envisaged that correlation of body condition score for two different physiological
 stages will be carried for a minimum of twenty camels in each group. The targeted number of
 physiological stages is same in subsequent years because the stages to be compared should have
 rationale e.g. lactating animals vs. non-lactating animals.
- With respect to the comparative analysis of camel draught power with multipurpose tool carrier
 and traditional implements under field conditions, it is envisaged that measurement of draught
 output, physiological responses and endurance study will be carried out in field conditions using
 the MPTs in a time bound manner by the end of this year.
- With respect to improvement in reproductive efficiency of camel through artificial insemination, it is envisaged that efficacy of one protocol will be evaluated for the development of artificial insemination in camel. Evaluation of protocols is an exhaustive exercise and looking at the availability of only one scientist in the subject, one protocol in the each subsequent year would be targeted.
- With respect to reduction in the calving interval in female camels, it is envisaged that breeding
 after calving and ahead of the breeding season in ten females will be carried out. This activity is
 not to be carried out in subsequent years because the experiment was conducted during last years
 and the recommendations will been finalized.

Objective 3

 With respect to evaluation and up-scaling feeding technology for camel by the studies on rumen microbial bio-diversity and in-vitro fermentation of feed, it is envisaged that 25 anaerobic cellulolytic bacteria from camel rumen will be isolated and characterized. The activity is not to be carried out in subsequent years due to the lack of support facilities.

- With respect to feed resource inventerization and evaluation for camel, it is envisaged that
 evaluation of five feeds will be done by in vitro / in vivo studies. The values in the subsequent
 years are same because the availability of the camels for various experiments to different
 scientists is limited.
- With respect to evaluation of nutritional status in early lactating camels it is envisaged that the
 evaluation will be carried out in at least 10 females in a time bound manner by 28.2.2013. The
 experiment is to be conclude by this year end.

Objective 4

- With respect to the management of camel diseases through surveillance, sero-monitoring, prophylactic and control measures it is envisaged that a minimum of thirty six health camps / visits will be organized.
- With respect to the diagnosis and research on camel diseases, it is envisaged that a minimum of 450 biological samples will be processed in the laboratory for parasitological, pathological, molecular and microbiological analysis.
- With respect to the management of camel diseases, it is envisaged to carry out complete analysis
 of causes of death for the centre's animals that are succumbing to death in reporting period.

Objective 5

- With respect to post-harvest processing and value addition of camel milk and dissemination of technical know-how, it was envisaged to refine and popularize three milk products. The values in the subsequent years are same because of the limited manpower and facilities availability.
- With respect to popularization of camel milk products and dissemination of technical know-how, it was envisaged to organize at least five exhibitions at appropriate place.

Specific Performance Requirement from other Departments

- The outbreak of certain diseases in camel and subsequent request from the State Animal
 Husbandry Departments influence the number of health camps and disease diagnosis
 process.
- 2. Availability of desired animals in the field and for on-farm experimentations.
- 3. Timely release of funds from head quarter.

Out Come / Impact of Department / Ministry

No.	174	2	w	4
Outcome / Ir organization / RCs	Dissemination o germplasm (Free of cost)	Overcoming mineral deficiency State A in cancels of specified area(s) Department using area specific mineral mixture (Free of cost)	Dissemination of technology(ies) developed for making camel milk products (Free of cost)	Providing expert opinion in State A diagnosis of camel diseases Department (Free of cost)
npact	of improved	ral deficiency ecified area(s) fic mineral sst)	eveloped nilk produ	opinion mel disca
of.		ncy a(s) eral	200000000000000000000000000000000000000	ises
of Joint responding influencing impact with organisation (ministry (ies)	State A Department	State Departme	NGOs/KVKs	State Departme
responsibility ng this o with the fo tion (s) depai	Animal ent	Animal ent	VKs	Animal ent
for utcome/ ollowing rtments/	Husbandry	Husbandry		Husbandry
Success indicator (s)	Number of females covered by clitc studs under out service programme	Number	Number trained	Number of consultancies given to state animal husbandry officers/ stake holders
ndicat	of by cl out	, of	of	of cons stat y offic
or (s)	of females y clite studs out service e	camels	persons	Number of consultancies given to state animal husbandry officers/ stake holders
Unit	Number	Number	Number	Number
2010- 11	108		14	00
2011- 12	105	73	40	28
2012- 13	100	30	45	30
2- 2013-	100	35	50	32
2014- 15	100	40	55	35

Annual-RFD (April I, 2012 to March 31, 2013) Performance Evaluation report of RSCs i.e. Institutions for the year 2012-2013

Name of the Division: Animal Science Name of the Institution: National Research Centre on Camel, Bikaner

Objectives	Weig	Actions	Success	Un	Weig	Target /	Criteria	Value	10000	al wards	Achie	Perfo	rmance	Percent	Reasons for
	ht		Indicators	it	ht	Excelle nt 100%	Very good 90%	Good 80%	Fair 70%	Poor 60%	ve ments	Rn w Sco	Weight ed score	achieveme nts against Target	shortfalls or excessive achievements
										D.		re	, The	values of 90% Col.	, if applicable
Genetic improvement at of indigenous camels through conventions I and molocular theans for	10	Selection for enhancemen t of milk production potential of the indigenous carnel breeds	Number of breeds to be covered for which milk production analysis is to be carried out	No.	5		3	2	1	0		100	5.0	133	Depends on the calving of she camels of different breeds in sizable number.
increasing production and productivity		Evaluation of growth performance of indigenous carnel breeds	Number of breeds to be covered for which growth performance is to be analysed	No.	5	5		13	2	1	⁴ \(90	45	100	
Evaluating physiologic all efficiency of camel for optimal utilization under impending climate Change	20	Body condition scoring and their correlation with different physiologic al stages of came!	Number of physiologic al stages for which correlation will be worked out	No.	S	3	2	1	0	0	2	997	4.5	100	

and improving reproductiv e efficiency		Comparativ e analysis of carnel draught	Measureme nt of draught output,	Dat c	5	30.11.1	31.12. 12	15.1. 13	31.1. 13	28.2. 13	25.11.	100	5,0		
of camel		power with multipurpos e tool carrier and traditional implements under field conditions	physiologic al responses and endurance												
		Developing artificial inseminatio n in camel	Efficacy of protocols of artificial insemination	No.	5	2		0	0	0	2	100	5.0	200	The data is very small (single digit) hence with one extra attempt of protocol percentage shoot up.
		Reduction in inter- calving period in female camels	Breeding after calving and ahead of breeding season	No.	5	11	10	9	8	3	19 V	100 -/	5.0	190	Availability of more/ extra females for the experiment led to increased achievement,
Feed resource inventerizati on, evaluation and up- scaling feeding technology for camel	10	Rurnen microbial bio- diversity and in-vitre fermentatio n studies	Isolation and molecular identification of anacrobic cellulotytic bacteria from camel runce	No.	2.5	12	10	8	6	4	48	100	25	480	After standardization of sechnique more quantum of work was possible.
			In-vitto/in- vivo	No.	2.5	6	5	4	3	2	11/	100	2.5	220	More so, of available

			evaluation of feed											distribution of the second	sumples done
		Evolvation of pertitional status in ently facialing camels	Response of diet on performance and production of lociating cassels	Dat e	5	15.1.13	28.2.1	10.3.	20.3.	31.3.	28.2.1	90	4.5	*	
Management t of camet diseases through surveillance , sero- monitoring, prophylactic	38	Organisation of health camps for disease surveillance, menitoring and treatment	Number of health comps /visits organized	No.	13	40	36	30	25	20	40	100	/13.0 √	111	
and enoted metaures		Collection of hiological samples for diagnosing common diseases of camel	Number of samples processed and pathogens studied	No.	15	500	450	400	350	300	1109	100	15.0	246	No of samples vary depending upon incidence of diseases/about ality etc. accordingly the no of samples is likely to vary.
		Investigation on causes of meetality in came!	All carnels succumbing to death at the Centre	Dat	10	20.3.13	25.3.1 3	28.3. 13	30.3. 13	31.3. 13	24.3.1	900	1. V		
Post-harvest processing and value addition of camel milk products	10	Popularizati on and refineraces of camel milk products	Number of such products to be reflaed and popularized	No.	S	4	3	2		0	4	100 ✓	5.0	133	More products could be prepared.

ind dissemenati on of wehnicat know-how		Disseminati en of technical Know-how through Extension polivisies	Number of exhibitions organized and ottempts smade for disseminatio a of sechnologies	No.	5	6	5	4	3	2		100	5.0	140	Due to organization of new extrassion activities during Agriculture Education Day, first time at NRCC
efficient unciloning of the RFD system	3	Timely submission of RFD fer 2012-13	On-time spemission	Dat	2	23.3.13.	26.3.1 2-	37.3. 1/3	28.3. 13.	29.3. 13.	23.3.1	100	2.0		
******		Timely submission of results for 2012-13	On-time submission	Dat	1	1.05.13	2.05.1	3.05. 13	6.05. 13	7.05.	3	100	v		
Administrat ive Reforms	5	Emplement (SO 9601	Prepare ISO 9001 action plan	Dat e	3	4.6.12	5.6.12	6.6.1	7.6.1	8.6.1	28.5.1	100	'V		
			Emplementation of ISO 9001 action plan	Da e	2	25.3.13	26.3.1 3	27.3. 13	28.3. 13	29.3. 13	Nat done	0.00	° ⁄	9	The contract was awarded but the consultant exhibited his inability to accomplish the work in limited time period.
		Implement unitgating strategies for reducing potential sisk of corruption	% of implementation	%	2	100	95	90	85	80	100	100	2.0	<i>78</i> 5	
Improving Internal Efficiency /	4	Implementation of Severam	Independent Audit of Implementat	95	2	100	95	90	85	80	100	100	2.0/	105	

responsiven ess / service delivery of	ion of Citizen's Charter												
Ministry / Deportment	Independen: Audit of implementat ion of public grievance redressal system	S.E	2	100	95	90	85	80	95	90	1.8	100	

NA: Not applicable because the dates fall in the next half of the year.

707-1 Composite score - 95.297 Robbing: Excellent



RESULTS-FRAMEWORK DOCUMENT (RFD)

for

NATIONAL RESEARCH CENTRE ON CAMEL

(2013-2014)

Address: Post Bag No.07, Jorbeer Bikaner – 334001, Rajasthan

Website ID: http://www.nrccamel.res.in

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	riteria Va	lue		
		(0					Excellent	Very good		Good	Good Fair
	200						100%	90%	00	80%	80% 70%
7	Management of camel diseases through surveillance.	40	Surveillance, and monitoring and treatment of camel disease	Health and extension camps organized	Number	20	42	40	37	7	
	prophylactic and control measures		Investigation of causes of mortality and morbidity	Samples processed for establishment of cause	Number	20	500	475	450	0	0 425
2.	Enhancement of camel productivity by breeding, nutritional,	49	Evaluation and improvement of growth and production performance of camel	Breeds covered under growth and production study	Number	12	4	3	2		, , , , , , , , , , , , , , , , , , ,
	physiological, reproductive interventions and		Evaluation and improvement of physiological &	Camels covered under physiological and reproduction study	Number	12	70	65	60		55
	product development		reproductive and efficiency and nutritional status of camel	Feed formulations	Number	13	12	10	00		
			Training/awareness activity on processing & its utilization of camel milk	Trainees/participants	Number	12	23	20	17		14
	Efficient functioning of the RFD system	S	Timely submission of draft RFD (2013-14) for approval	On-time submission	Date	2	15.5.13	16.5.13	17.5.13	(u)	3 20.5.13
			Timely submission of results for RFD (2012-13)	On-time submission	Date	1	1.5.13	2.5.13	5.5.13		6.5.13
	Administrative Reforms	4	Implement ISO 9001 as per the approved action plan	% Implementation	%	2	100	95	90		85

		Prepare an action On-time submission plan for innovation)	On-time submission	Date	2	30.7.13	10.8.13	20.8.13	10.8.13 20.8.13 30.8.13 10.9.13	
Improving internal efficiency / responsiveness /	4	Implementation Sevottam	of	of Independent Audit of % Implementation of Citizen's Charter	%	12	100	95	90	83	
service delivery of Ministry / Department				Independent Audit of % implementation of public grievance redressal system	%	2	100	95	90	85	

Section 3: Trend Values of the Success Indicators

S.No.	Objectives	Actions	Success Indicators	Unit	Actual Value for FY 11/12	Actual Value for FY 12/13	Target Value for FY 13/14	Projected Value for FY 14/15	Projected Value for FY 15/16
	Management of camel diseases through surveillance, prophylactic and	Surveillance, monitoring and treatment of camel disease	Health and extension camps organized	Number	38	41	40	45	50
	control measures	Investigation of causes of mortality and morbidity	Samples processed for establishment of cause	Number	373	450	475	500	525
2.	Enhancement of camel productivity by breeding, nutritional, physiological, reproductive interventions and	Evaluation and improvement of growth and production performance of camel	Breeds covered under growth and production study	Number	en en	4		c	8
	lopmer	Evaluation and improvement of physiological	Camels covered under physiological and reproduction study	Number	48	50	99	70	75
		reproductive efficiency and nutritional status of camel	Feed formulations	Number	10	'	10	12	14
		Training/awarenes activity on processing & its utilization of camel	Trainees/participants	Number	15	18	20	22	25
	Efficient functioning of the RFD system	Timely submission of draft RFD (2013-14) for approval	On-time submission	Date	30. 31. 34.	3	16.5.13	i e	a
		Timely submission of results for RFD (2012-13)	On-time submission	Date	3		2.5.13	32	
	Administrative Reforms	Implement ISO 9001 as per the approved	% Implementation	%		3	95	<u> </u>	

₹ 3	efficiency responsiveness	Improving internal		
of	/ Sevottam	nal Implementation of	Prepare an action plan for innovation	action plan
Independent Audit of % implementation of public grievance redressal system	Implementation of Citizen's Charter	Implementation of Independent Audit of %	Prepare an action On-time submission plan for innovation	
%		%	Date	
31		3		
		•		
95		95	10.8.13	
	X ²	N	Ť	
11				

Section 4 : Acronyms

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

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

S.No.	Success Indicator Number of health and extension	Description The health and extension camps will cover major	Several camel	Definition Several camel rearing villages are remotely located and the
	ps or	rcaring exper The diss pr sed.	camel populations at times do not get proper veterinary aid. The technologies and expertise available at the centre needs to be disseminated.	s at times do eterinary aid, and expertise entre needs to
2	Number of samples processed for establishment of cause	Carrier Control of Association of	At times camels suffer diseases of complex and routine treatment effective.	suffer from pplex nature ment is not
ţ,,	Number of breeds covered under growth and production study	TO ACCOUNT OF THE PERSON AND	Regular evaluation and improvement of growth and production parameters need to be addressed for better performance of the species.	ation and growth and eters need to for better e species.
4	Number of 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.	mance of the iological and ciency needs on.
5	Number of feed formulations		The availabichanges from Different feened to caimproving productivity.	lity of feeds time to time. d formulations rried out for growth and
9.	Number of trainces / participants	Training for the preparation of camel milk products will be given to the interested youth of this country	The youth needs to technologies methods d	of this country trained for the /preparations eveloped at the

Section 5: Specific Performance Requirement from other Departments

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

Section 6: Out Come/Impact of Department/Ministry

2015- 2016	1.64 3.23
2014- 2015	1.64
2013- 2014	1.67
2012- 2013	3.44 1.67
2011- 2012- 2012 2013	42.52
Unit	Percent
Success indicator (s)	Increase in sale of Percent 42.52 milk products through milk parlour
/ Jointly responsible for Success indicator (s) Unit of influencing this outcome/ impact with the following organisation (s) department(s)/ ministry (ies)	
Outcome / Impact of organization	Awareness of camel milk utilization through sale of milk products
Š. Š	-

Annual (April 1 to March 31, 2014) Performance Evaluation Report of RFD of RSCs i.e. Institutions for the year 2013-2014

Name of the Division: Animal Science Name of the Institution: National Research Centre on Camel, Bikaner RFD Nodal Officer: Dr. S C Mehta

		-	100	15.4.13	7.5.13	6.5.13	5.5.13	2.5.13	1.5.13	1	Date	On-time submission	D of	Tin sub resu		
		0	0	0	21.5.13	20.5.13	17.5.13	16.5.13	15.5.13	2	Date	On-time submission	Timely submission of draft RFD (2013-14) for approval	Tin sub dra 14)	Efficient 3 functioning of the RFD system	3 fi s
Due to organisation of some training programme	575	12	100	115	10	14	17	20	23	12	er	nts	ss activity on processing & its utilization of camel milk	ss pro util		
Feed formulations sent separately	130	13	100	13	4	6	∞	10	12	13	Numb	Feed formulations		nut of c	a 8	
	180	12	100	117	50	55	60	65	70	12	Numb	Camels covered under physiological and reproduction study	Evaluation and improvement of physiological & reproductive efficiency and	Evz imp phy repi effi	reproductive interventions and product development	re an de
Target achieved under 100% value o Target/criteria	133.3	12	100	4	0	È	2	ω	4	12	Numb er	Breeds covered under growth and production study	ation and vement of a and tion and mance of		Enhancement 49 of camel productivity by breeding, nutritional, physiological	2. En of pro by nu phu
Due to increased disease incidence	173.7	20	100	825	400	425	450	475	500	20	Numb er	s ed	gation of of of ity and lity		hylactic control sures	
,	100	18	90	40	30	34	37	40	42	20	Numb er	Health and extension camps organized	Surveillance, monitoring and treatment of camel disease		Management do do f camel diseases through	1. Ma of dis
Reasons for shortfalls or excessive achievements, if applicable	Percent achievemen ts against Target values of 90% Col.*	weighte d score	Performance Raw Weig scor d sco	Achiev - ements	Poor 60%	Value Fair 70%	Target / Criteria Value 'ery Good F 'ood 80% 7	Target Very Good 90%	Excellent 100%	Weight	Unit	Success Indicators	Actions	Wei Ac ght (%)	Objectives W	· S.No C

0 2 ~ 7 100 100 100 0 27.7.13 100 100 0 10.9.13 80 80 80 30.8.13 85 85 85 20.8.13 90 06 90 10.8.13 95 95 95 30.7.13 100 100 100 Percen t Percen Percen Date Independent
Audit of
Implementation of
Citizen's Charter Audit of implementation of public grievance redressal system Implement ISO % Implementation 9001 as per the approved action plan Independent Audit Prepare an action On-time plan for submission innovation Implementation of Sevottam (2012-13) Improving
Internal
Efficiency /
responsivene
ss /service
delivery of
Ministry /
Department Administrati ve Reforms

Composite Score – 94 Rating: Very Good