



Results-Framework Document RFD

for

Central Institute for Research on Goats

(1st April 2013- 31st March 2014)

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Section 1

Vision, Mission, Objectives and Functions.

Vision:

Goat as a source of nutritional and livelihood security, poverty alleviation & employment generation for the prosperity in the country.

Mission:

Improvement in goat productivity with respect to milk, meat and fibre through research, extension and HRD support

Objectives:

- Genetic improvement and conservation of goats for increasing productivity
- Management of goat diseases for enhancing productivity
- Nutritional strategy, value addition of goat products and capacity building to improve production efficiency

Functions:

To undertake research, training and extension education for improving milk, meat and fibre production of goat and to develop processing technologies of goat products.

Section-2

Inter Se Priorities among Key Objectives, Success indicators and Targets

S. No	Objectives	Weight	Actions	Success Indicators	Unit	Weight	Target/Criteria Value				
							Excellent	Very Good	Good	Fair	Poor
							100%	90%	80%	70%	60%
1	Genetic improvement and conservation of goats for increasing productivity	36	Production of seed stocks	Seed stocks of Jamunapari/Barbari/Jakharana goats produced	Number	14	850	815	775	750	700
			Cryo-preservation of semen	Frozen semen doses produced	Number	12	2000	1500	1000	900	800
			Distribution of germplasms to farmers and other developmental agencies for breed improvement	Superior animals of Jamunapari/Barbari/Jakharana goats supplied	Number	10	450	425	395	370	350
2	Management of goat diseases for enhancing productivity	18	Surveillance and monitoring of economically important goat diseases	Biological samples screened for diagnosis of diseases	Number	12	675	650	625	450	400

			Evaluation of indigenous plants for drug development	Herbal extracts screened against haemonchosis and acariasis	Number	6	10	9	8	7	5
3	Nutritional strategy, value addition of goat products and capacity building to improve production efficiency	35	Non-conventional forage resource identification	Forage species for goats evaluated	Number	6	3	2	1	0	0
			Screening of feed resources for methane production	Top feed and protein supplementation evaluated	Number	6	5	4	3	2	1
			Value addition in goat meat / milk product	Goat meat / milk products developed	Number	7	3	2	1	0	0
			Organization of training and frontline demonstration of technologies for various stakeholders	Training of farmers and other stake holders organised	Number	10	350	340	275	200	150
				Health camps /field day/exhibition/ melas organised	Number	6	22	21	19	15	8
Efficient functioning of the RFD system	3	Timely submission of Draft RFD (2013-14) for approval	On-time submission	Date	2	15/5/2013	16/5/2013	17/5/2013	20/5/2013	21/05/2013	

			Timely submission of Results for RFD (2012-13)	On-time submission	Date	1	01/05/2013	02/05/2013	05/05/2013	06/05/2013	07/05/2013
Administrative Reforms	4	Implement ISO 9001 as per approved action plan	% Implementation	%	2	100	95	90	85	80	
		Prepare an action plan for Innovation	On-time submission	Date	2	30.7.13	10.8.13	20.8.13	30.8.13	10.9.13	
Improving internal efficiency / responsiveness / service delivery of Institute/ ministry/department	4	Implementation of Sevottam	Independent Audit of Implementation of Citizen's Charter	%	2	100	95	90	85	80	
			Independent Audit of implementation of public grievance redressal system	%	2	100	95	90	85	80	

Section 3

Trend Values of the Success Indicators

S. No	Objectives	Actions	Success Indicators	Unit	Actual Value for FY 11/12	Actual Value for FY12/13	Targeted value for FY 13/14	Projected Value for FY 14/15	Projecte d Value for FY 15/16
1	Genetic improvement and conservation of goats for increasing productivity	Production of seed stocks	Seed stocks of Jamunapari/ Barbari/ Jakharana goats produced	Number	810	1095	815	925	950
		Cory-preservation of semen	Frozen semen doses produced	Number	500	900	1500	2000	2200
		Distribution of germplasms to farmers and other developmental agencies for breed improvement	Superior animals of Jamunapari/ Barbari/ Jakharana goats supplied	Number	445	434	425	435	440

2	Management of goat diseases for enhancing productivity	Surveillance and monitoring of economically important goat diseases	Biological samples screened for diagnosis of diseases	Number	550	650	650	700	750
		Evaluation of indigenous plants for drug development	Herbal extracts screened against haemonchosis and acariasis	Number	4	12	9	11	12
3	Nutritional strategy, value addition of goat products and capacity building to improve production efficiency	Non-conventional forage resource identification	Forage species for goats evaluated	Number	-	2	2	1	1
		Screening of feed resources for methane production	Top feed and protein supplementation evaluated	Number	4	4	4	3	2
		Value addition in goat meat / milk products	Goat meat / milk products developed	Number	2	4	2	2	2
		Organization of training and frontline demonstration of technologies for various stakeholders	Training of farmers and other stake holders organised	Number	442	320	340	350	360
			Health camps /field day/exhibition/ melas organised	Number	18	21	21	22	24

	Efficient Functioning of the RFD System	Timely submission of Draft RFD (2013-14) for approval	On-time submission	Date	-		16.5.2013	-	-
		Timely submission of Results for RFD (2012-13)	On-time submission	Date			02.05.2013		
	Administrative Reforms	Implement ISO 9001 as per the approved action plan	% Implementation	%	-	-	-	-	-
		Prepare an action plan for Innovation	On-time submission	Date	-	-	10.8.2013	-	-
	Improving internal efficiency / responsiveness / service delivery of institute/ministry/department	Implementation of Sevottam	Independent Audit of Implementation of Citizen's Charter	%	-	-	95	-	-
			Independent Audit of implementation of public grievance redressal system	%	-	-	95	-	-

Section 4: Acronyms.

S.No	Acronym	Description
1	A.H.	Animal Husbandry
2	NGOs	Non-Governmental Organizations
3	SAUs	State Agricultural Universities
4	KVKs	Krishi Vigyan Kendras
6	CIRG	Central Institute for Research on Goats
8.	HRD.	Human Resource Development

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

SI. No.	Success Indicator	Description	Definition	Measurement	General Comments
1	Seed stocks of Jamunapari/Barbari/Jakharana goats produced	The institute maintains three nucleus flocks of Jamunapari, Barbari and Jakhrana goats and produces about 500 pure-bred superior animals for distribution in field for genetic improvement programme to different developmental agencies.	Genetic evaluation and selection of animals are carried out regularly .This intervention enhances goat productivity in field condition and provides better income as well as nutritional security for farmers	Number	Up-grading the local animals with improved germ plasm for better productivity
2	Frozen semen doses produced	Cryo-preservation of semen has been standardized for storing frozen semen doses,	Conservation of valuable germplasm and multiplication of superior animals. Embryo transfer technology is also standardized to multiply superior animal for future	Number	Required for multiplying superior animals
3	Superior animals of Jamunapari/Barbari/Jakharana goats supplied	The institute produces about 500 pure-bred superior animals and distributes to various stakeholders for genetic improvement programme	Genetic evaluation and selection of animals are carried out regularly basing on their breeding value	Number	Up-grading the local animals with improved germ plasm for enhancing productivity and income of farmer

4	Biological samples screened for diagnosis of diseases	Goat disease monitoring is a continuous activity and collection of information depends on primary as well as secondary data collection from state govt. and SAUs	Surveillance and monitoring of goat diseases are being carried out by collecting different biological samples and also attending outbreaks. Serum, faecal and other required biological samples are collected on regular basis and processed for disease diagnosis.	Number	Mapping and modeling of disease in different agro-climatic condition.
5	Herbal extracts screened against haemonchosis and acariasis	The development of herbal drugs is being carried out as presently used anthelmintic is becoming resistant to parasite.	CIRG is working in this area and developing various formulation to control parasitic disease of goats	Number	Formulating various combinations basing on the effectiveness of the extract and experimental trial.
6	Forage species for goats evaluated	Nutritional efficiency of goat can be enhanced by optimizing different feed formulation and feeding module for both intensive and semi-intensive production system	Feeding module for growth, less methane production and utilization of other resources for economic formulation	Number of feed sources	For utilization of natural resource from non-conventional sources.
7	Top feed and protein supplementation evaluated	The evaluation of feed and different supplementation is going on for methane production	Feeding module for less methane production and for economic formulation	Number of top feed	For decreasing enteric methane production as well as maintain productivity

8	Goat meat / milk products developed	Goat meat and milk have immense potential for developing value added products	Institute has developed and popularized several meat and milk products such as goat meat nimkee, goat milk biscuits and goat milk soap.	Number	For providing more return to entrepreneurs for commercial goat farming.
9	Training of farmers and other stake holders organised	With respect to front line demonstration, transfer of technologies and development of human resources, the institute organizes four national training programmes on commercial goat rearing for developing entrepreneur, Trainers trainee programme and sponsored training programme for state governments and other organizations. Moreover, the institute adopts villages for popularization of goat farming and providing better livelihood to poor farmers.	Training programme on commercial goat farming and Trainer's training programme are organized regularly by the institute	Number of training and number of participants	For imparting skills to various stake holders.
10	Health camps /field day/exhibition/ melas organised	The institute adopts villages for popularization of goat farming and providing better livelihood to poor farmers. Again Institute exhibits its technologies at various places to popularize goat farming	Demonstration of technologies through different means is regular activity.	Number of exhibition and health camp	For imparting skills and popularize goat farming.

Section 5: Specific performance requirements from other Departments

Location type	State	Organization Type	Organization Name	Relevant Success Indicator	What is your requirement from this organization	Justification for this requirement	Please quantify your requirement	What happens if your requirement is not met
STATE	All states of India	SAUs/State departments of AH, KVKs and NGOs	SAUs/State departments of AH, KVKs and NGOs	Seed stocks of Jamunapari/Barbari/Jakharana goats produced	Procurement from CIRG on regular basis	For breed improvement programme in field condition	Cannot be quantified at this stage and will depend on case to case basis	The target value may not be achieved
STATE	All states of India	SAUs/State departments of AH, KVKs and NGOs	SAUs/State departments of AH, KVKs and NGOs	Training of farmers and other stake holders organised	For encouraging the staffs for attending the programme as per protocol.	For imparting skills to farmers and other stake holders.	Cannot be quantified at this stage and will depend on case to case basis	The target value may not be achieved
STATE	All states of India	SAUs/State departments of AH, KVKs and NGOs	SAUs/State departments of AH, KVKs and NGOs	Biological samples screened for diagnosis of diseases	For providing data and samples for analysis	For mapping the goat diseases in our country	Cannot be quantified at this stage and will depend on case to case basis	The target value may not be achieved

Section 6: Outcome / Impact of activities of organisation/ministry

Sl .n o	Outcome / Impact of organisation	Jointly responsible for influencing this outcome / impact with the following organisation (s) / departments/ministry(ies)	Success Indicato r (s)	Unit	2011-12	2012-13	2013-14	2014-15	2015-16
	To enhance production performance of goats	DAHD State AH Department Ministry of Environment and Forest	Increase growth perform ance	%	2.5%	3.5%	3.8%	4.0%	4.2%

