

**Annual (April 1, 2012 to March 31, 2013) Performance Evaluation Report in respect of RFD 2012-2013 of RSCs i.e. Institutes**

**Name of the Division:** Animal Science  
**Name of the Institution:** National Research Centre on Mithun, Nagaland  
**RFD Nodal Officer:** Dr. Sabyasachi Mukherjee, Sr. Scientist (AGB)

S. No.	Objective (s)	Weight	Action(s)	Success Indicator(s)	Unit	Weight	Target / Criteria Value					Achievements	Performance		Percent achievements against Target values of 90% Col.	Reasons for shortfalls or excessive achievements, if applicable
							Excellent 100%	Very Good 90%	Good 80%	Fair 70%	Poor 60%		Raw Score	Weighted Score		
1	Genetic studies for improvement of Mithuns	24	Molecular cytogenetic studies	Number of homology studies among related species	Number	6	4	3	2	1	0	4	100	6	133.33	Its exceeds 90% but within 100% Col.
Microsatellite characterization of Mithuns			Number of microsatellite markers to identify/study	Number	6	19	18	15	12	10	19	100	6	105.56	-	
Developing prediction formula for body weight estimation			Animals to be recorded.	Number	6	50	45	40	35	30	50	100	6	111.11	Its exceeds 90% but within 100% Col.	
Identification of SNPs/polymorphism in leptin gene of Mithun			Number of animals to be screened for SNPs	Number	6	25	20	15	10	5	25	100	6	125	Its exceeds 90% but within 100% Col.	
2	Enhancing reproductive and productive efficiency of	40	Standardization of superovulation and embryo	Animals to superovulate and embryo recovery and transfer	Number	6	8	7	6	5	4	8	100	6	114.29	Its exceeds 90% but within 100% Col.

	Mithun		transfer													
			Follicular dynamics study to understand follicular development	Cyclic study of follicles	Number	6	3	2	1	0	0	15	100	6	750	More number of mithuns were available in later part
			Expression study of genes regulating muscle growth	Identification of genes	Number	6	8	7	5	4	3	11	100	6	157.14	Investigators added few more genes as these also found to have direct/indirect role in regulation of muscle growth in beef animals. Hence, exceeded 90% Col.
			Quantification of Mithun milk lactoferrin and characterization of lactoferrin gene	Quantification of lactoferrin through ELISA and PCR study in Mithuns	Number	4	10	9	8	7	6	23	100	4	255.56	More number of mithuns were available in later part
			Evaluation of feed blocks in terms of nutrient utilization	Types of feed block	Number	10	5	4	3	2	1	5	100	10	125	Its exceeds 90% but within 100% Col.
			Evaluation of physical and biochemical parameters	Number of bulls to be studied	Number	8	8	6	5	4	3	8	100	8	133.33	Its exceeds 90% but within 100% Col.

			of Mithun semen													
3	Improving the health status of Mithun	14	Evaluation of efficacy of chemotherapeutic and herbal drugs against GI helminths	No. of drugs to be tested	Number	5	5	4	3	2	1	5	100	5	125	Its exceeds 90% but within 100% Col.
			Survey for prevalence of common disease condition	No. of animals to be surveyed	Number	5	400	300	250	200	100	408	100	5	136	Its exceeds 90% but almost within 100% Col.
			Organization of animal health cum vaccination camp	No. of camps to be organized	Number	4	6	5	4	3	2	5	90	3.6	100	-
4	Transfer of technology developed by the Institute through extension activities	10	Survey of Mithun rearing villages and interaction with Mithun rearing tribes for creating awareness about scientific animal husbandry practices	No. of villages to be surveyed	Number	5	4	3	2	1	0	9	100	5	300	Due to more demand of mithun owners and farmers for more interactions and awareness programme
			Demonstration of technologies developed by the Institute for Mithun husbandry	Organizing technology camps	Number	5	5	4	3	2	1	9	100	5	225	Due to more demand of mithun owners and farmers for more technology camps

5	Efficient functioning of RFD system	3	Timely submission of RFD for 2012-13	On-time submission	Date	2	Mar.23 2012	Mar.26 2012	Mar.27 2012	Mar.28 2012	Mar.29 2012	<b>March 21, 2012</b>	<b>100</b>	<b>2.00</b>		Timely submission
			Timely submission of Results for 2012-13	On-time submission	Date	1	May 1 2013	May 2 2013	May 3 2013	May 6 2013	May 7 2013	<b>April 15, 2012</b>	<b>100</b>	<b>1.00</b>		Timely submission
6	Administrative Reforms	5	Implement ISO 9001	Prepare ISO action plan	Date	1	June 4 2012	June 5 2012	June 6 2012	June 7 2012	June 8 2012	<b>31 May 2012</b>	<b>100</b>	<b>1.00</b>		Prepared ISO Plan
			Implement mitigating strategies for reducing potential risk of corruption	Implementation of ISO 9001 action plan	Date	2	Mar. 25, 2012	Mar.26 2012	Mar.27 2012	Mar.28 2012	Mar.29 2012	<b>March 19, 2012</b>	<b>100</b>	<b>2.00</b>		Obtained ISO 9001 certificate
				% of implementation	%	2	100	95	90	85	80	<b>95</b>	<b>90</b>	<b>1.80</b>		-
7	Improving Internal Efficiency / responsiveness / service delivery of Ministry / Department	4	Implementation of Sevottam	Independent Audit of Implementation of Citizen's Charter	%	2	100	95	90	85	80	<b>95</b>	<b>90</b>	<b>1.80</b>		-
				Independent Audit of Implementation of public grievance redressal system	%	2	100	95	90	85	80	<b>95</b>	<b>90</b>	<b>1.80</b>		-

**Total Composite Score: 99.00**

**Procedure for computing the Weighted and Composite Score**

**Rating: Excellent**

- 1. Weighted Score of a Success Indicator = Weight of the corresponding Success Indicator x Raw Score / 100**
- 2. Total Composite Score = Sum of Weighted Scores of all the Success Indicators**