

Annual Performance Evaluation Report of RSCs i.e. Institutions for the year 2011-2012

Name of the Division: Animal Science

Name of the Institution: National Research Centre on Mithun, Nagaland

RFD Nodal Officer: Dr. Sabyasachi Mukherjee

Sl.No.	Objectives	Weight (%)	Actions	Success Indicators	Unit	Weight (%)	Target/Criteria value					Achievement	Performance	
							Excellent 100%	Very Good 90%	Good 80%	Fair 70%	Poor 60%		Raw Score	Weighted raw Score (%)
1	Phenotypic and genetic characterization of Mithun	12	Cytogenetic data analysis of Mithun and karyotyping of related bovine species.	Animals to be analyzed cytogenetically	Number	4	80	70	60	50	40	80	100	4
			Study of dentition patterns and validation	Animals to be recorded.	Number	4	45	45	40	35	30	45	100	4
			Developing prediction formula for body weight estimation	Animals to be recorded.	Number	4	50	45	40	35	30	45	90	3.6
2	Genetic characterization of kappa casein and leptin gene of Mithun	10	PCR amplification of exonic regions	No. of PCR primers to be used	Number	5	3	2	1	0	0	4	100	5
			Polymorphism study of Kappa casein and leptin gene	Screening of animals for polymorphism	Number	5	75	60	50	40	30	85	100	5
3	Enhancing reproductive and productive efficiency of Mithun	50	Standardization of superovulation and embryo transfer	Animals to superovulate and embryo recovery and transfer	Number	5	8	7	6	5	4	8	100	5
			Identification of fertility associated antigen in Mithun semen	Identification of antigen through PCR	Number	10	2	1	0	0	0	2	100	10

			Follicular dynamics study to understand follicular development	Cyclic study of follicles	Number	5	3	2	1	0	0	9	100	5
			Expression study of genes regulating muscle growth	Identification of genes	Number	5	8	7	5	4	3	8	100	5
			Evaluation of feed blocks in terms of nutrient utilization	Types of feed block	Number	10	5	4	3	2	1	5	100	10
			Isolation and characterization of rumen microbes	No. of microbes isolated and characterized	Number	10	5	4	3	2	1	5	100	10
			Validation of developed feeding standard of growing Mithuns	No. of different combination of diets used	Number	5	5	4	3	2	1	4	90	4.5
4	Improving the health status of Mithun	12	Evaluation of efficacy of chemotherapeutic and herbal drugs against GI helminths	No. of drugs to be tested	Number	4	5	4	3	2	1	5	100	4
			Survey for prevalence Of common disease condition	No. of animals to survey	Number	4	400	300	250	200	100	400	100	4
			Organization of animal health cum vaccination camp	No. of camps to organize	Number	4	5	4	3	2	1	6	100	4
5	Socio-economic study and Transfer of technology through extension activities	5	Survey of Mithun rearing villages	No. of villages to be surveyed	Number	3	4	3	2	1	0	4	100	3
			Distribution of mineral mixture and creating awareness about AI among Mithun rearers	Organizing health camps and formal & informal discussion	Number	2	5	4	3	2	1	4	90	1.8

6	Efficient functioning of RFD system	11	Timely submission of RFD 2011-12	Timely submission	Date	2	10/6/11	14/6/11	16/6/11	20/6/11	22/6/11	10/6/11	100	2
			Timely submission of results	Timely submission	Date	1	01/5/12	03/5/12	04/5/12	05/5/12	6/5/12	19/04/2012	100	1
			Finalize a strategic plan for next five year	Timely submission	Date	2	10/12/11	15/12/11	20/12/11	24/12/11	31/12/11	22/08/2011	100	2
			Identify potential areas of corruption related to organization activity and develop an action plan to mitigate them	Timely development of action plan	Date	2	10/12/11	15/12/11	20/12/11	24/12/11	31/12/11	22/08/2011	100	2
			Implementation of Sevottam (a) Create a Sevottam compliant system to implement, monitor and review citizen's charter	Timely implementation	Date	2	10/12/11	15/12/11	20/12/11	24/12/11	31/12/11	22/08/2011	100	2
			(b) Create a Sevottam compliant system to redress and monitor public grievance	Timely creation of Sevottam system	Date	2	10/12/11	15/12/11	20/12/11	24/12/11	31/12/11	22/08/2011	100	2

Total Composite Score: 98.9

Procedure for computing the Weighted and Composite Score

- 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**