

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

Name of the Division: -Animal Science

Name of the Institute: Central Institute for Research on Buffaloes, Hisar

RFD Nodal Officer: SP Yadav

S.No	Objectives	Weight (%)	Action	Success Indicators	Unit	Weight (%)	Target/Criteria Value					Achievement	Performance	
							Excellent	Very Good	Good	Fair	Poor		Raw Score (%)	Weighted raw score (%)
							100%	90%	80%	70%	60%			
1	Buffalo genetic improvement through conventional and molecular approach	34	Genomics/phenomics studies in buffaloes	Recording and updating of phenomics data for identified resource families.	Number	5	800	700	600	500	400	705	90.5	4.53
				Collection of genetic material blood/tissue (DNA), semen (DNA)	Number	4	100	80	70	60	50	529	100	4
				Milk samples (traits analysis)	Number	3	800	700	600	500	400	1349	100	3
				Rumen microbial metagenomics study for fibre digestion and methanogenesis by microbial community DNA sequencing	Number	4	100	90	80	70	60	146	100	4
				2-D electrophoresis analysis for mastitis/ pregnancy biomarkers	Number	2	6	5	4	3	2	31	100	2
				Cytokine and gene expression in udder health	Number	2	10	9	8	7	6	12	100	2
			Improvement in production and reproduction in Murrah and Nili-Ravi herd	Lactation yield in Murrah	Kg	3	2250	2150	2000	1950	1900	2374	100	3
				Calving interval in Murrah	Days	2	460	470	480	500	520	485	77.5	1.55
				Calf motility in Murrah	%	2	5	6	8	9	10	2.76	100	2
				Lactation yield in Nili-Ravi	Kg	3	1900	1850	1800	1750	1700	2045	100	3
				Calving interval in Nili-Ravi	Days	2	480	500	510	520	530	464	100	2
				Calf motility in Nili-Ravi	%	2	5	5.5	6	6.5	7	2.3	100	2
2	Buffalo progeny testing programme	21	Selection and test mating of 13 th set of bulls and progeny testing of 8 th set of bull	Selection of bull on the basis of pedigree records, semen and physical parameters	Date	4	30.06.2011	31.07.2011	31.08.2011	30.09.2011	31.10.2011	29.06.2011	100	4
				Evaluation and selection of proven bulls of 8 th set	Date	4	31.05.2011	30.06.2011	31.07.2011	31.08.2011	30.09.2011	29.06.2011	89.7	3.59

			Distributing the semen to all the participating centres and coordination of network unit and fund release	Distribution of semen for test mating	Date	3	30.06.2011	15.07.2011	31.07.2011	15.08.2011	30.08.2011	30.05.2011	100	3
				Release of 1 st half of funds to the network centres	Date	3	31.07.2011	31.08.2011	30.09.2011	31.10.2011	30.11.2011	31.07.2011	100	3
			Dissemination of superior germplasm through production of disease free semen doses for AI	Semen doses production/ bull	Number	3	5000	4500	4000	3500	3000	17838	100	3
				Number of AI in field	Number	4	4000	3500	3300	3000	2500	3308	80.4	3.22
3	Faster multiplication of superior germplasm through intervention of reproductive tools	14	To prepare the competent donors cells for fusion and activation of mature oocytes	Process standardization	Date	1	30.06.2011	31.10.2011	30.11.2011	31.12.2011	31.01.2012	09.05.2011	100	1
			IVM, fusion of oocytes and culture to the blastocysts stage.	No of oocytes matured <i>in-vitro</i> and subject to fusion followed by development to blastocysts stage	Number	3	100	90	80	70	60	516	100	3
			Transfer of cloned blastocysts to recipients	Cloned blastocysts transfer to recipients	Number	2	10	5	3	2	1	Nil	0	0
			Integrated MOET & SOET for faster multiplication of elite buffalo germplasm	MOET & SOET flushing for embryo recovery	Number	5	40	35	30	28	25	8	0	0

			Quality improvement and assessment of cryopreserved buffalo semen	Assessment of integrity of sperm plasma membrane acrosome and DNA	Number	3	40	35	30	28	25	41	100	3
4	Technology showcasing through extension activities	10	Organization of buffalo mela, calf rallies, infertility treatment camps and training programme	Organization of buffalo mela, buffalo calf rallies, infertility treatment camps and training programmes	Number	6	15	14	12	10	9	23	100	6
			Publication of scientific information on buffaloes	Annual report	Date	2	30.06.2011	15.7.2011	30.08.2011	15.09.2011	31.10.2011	08.07.2011	95%	1.9
				Development of buffalopedia	Date	2	31.08.2011	30.09.2011	15.10.2011	31.10.2011	15.11.2011	20.10.2011	73.1	1.46
5	Improving/upgrading/creation of new infrastructure in the Institute	5	Modern animal shed	Completion of civil work of the shed	Date	2	31.01.2012	15.02.2012	28.02.2012	15.03.2012	31.03.2012	Not completed	0	0
			Installation of deep tube well	Water channel to irrigate agri. field/sprinkler	Date	2	31.07.2011	31.08.2011	30.09.2011	31.12.2011	31.03.2012	Not completed	0	0
			Electrification of the agri. field	Electricity line for agriculture farm	Date	1	31.05.2011	30.06.2011	31.07.2011	30.09.2011	31.01.2012	31.05.2011	100	1
6	Economising buffalo production system and value addition	5	Establishment of buffalo broiler unit at field	Establishment of buffalo broiler unit in field	Number	2	5	4	3	2	1	4	90	1.8
			Soil reclamation and green fodder production	Green fodder produced	Quintals	2	40,000	38,000	36,000	33,000	30,000	44962.5	100	2
			Silage making	Silage made	Quintals	1	5,000	4,500	4,000	3,500	3,000	6229.1	100	1
7	Efficient functioning of the RFD system	11	Timely submission of draft for approval	On-time submission	Date	2	10.06.2011	14.06.2011	16.06.2011	20.06.2011	22.06.2011	31.03.2011	100	2
			Timely submission of results	On-time submission	Date	1	01.05.2012	03.05.2012	4.05.2012	5.05.2012	6.05.2012	18.04.2012	100	1

		Finalize a strategic plan for next five year plan	Strategic plan document for the next five year will be prepared	Date	2	10.12.2011	15.12.2011	20.12.2011	24.12.2011	31.12.2012	15.09.2011	100	2
		Identify potential areas of corruption related to organization activity and develop an action plan to mitigate them	Identify potential areas of corruption if any and Develop an action plan to mitigate corruption	Date	2	10.12.2011	15.12.2011	20.12.2011	24.12.2011	31.12.2012	10.12.2011	100	2
		(a) Create a savottam compliant system to implement, monitor and review citizen's charter	Implementation of savottam system	Date	2	10.12.2011	15.12.2011	20.12.2011	24.12.2011	31.12.2012	10.12.2011	100	2
		(b) Create a sevottam compliant system to redress and monitor public grievances	Independent audit of implementation of grievance redress mechanism	Date	2	10.12.2011	15.12.2011	20.12.2011	24.12.2011	31.12.2012	10.12.2011	100	2

Total Composite Score – 86.50