

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 Division
Name of the Institution: Central Institute for Research on Buffaloes, Hisar
RFD Nodal Officer: SP Yadav

S.N O	Objectives	Wei ght (%)	Actions	Success Indicators	Unit	Wei ght (%)	Target/Criteria Value					Achieve ments	Performance		Percent achievem ents against Target values of 90% Col.	Reasons for shortfalls or excessive achievem ents, if applicable
							Exce llent 100 %	Very Good 90%	Good 80%	Fair 70%	Poor 60%		Raw Score	Wei ghted Score		
1	Buffalo genetic improvement through conventional and molecular approach	45	Genomics/phe nomics studies in buffaloes for developing buffalo specific SNP Chip	Creation/ updation of phenomics database of different breeds of buffalo	Number	4	500	450	400	350	300	519	100%	4	103.8	-
				Creation of DNA bank database of the resource population	Number	3	300	250	200	180	170	332	100%	3	110.66	It is a continuous activities
				Sequencing, SNP detection and expression studies of various regions of candidate gene(s)	Number	3	20	15	12	10	08	17	94%	2.82	113.33	-
				Densitometry and Mass Spectrometry of spots from 1D and 2DE gels	Number	3	10	9	8	7	6	10	100%	3	111.11	-
				Proteolytic system and cytokine genes expression in udder health and physiology	Number	3	10	9	8	7	6	12	100%	3	133.33	IL-6 gene studies was additionally taken up
			Improvement in production and reproduction in Murrah and Nili-Ravi herd	Lactation yield in Murrah	Kg	2	2400	2350	2300	2250	2200	2335	87%	1.74	99.361	-
				Wet average in Murrah	Kg	2	8.0	7.8	7.5	7.3	7.1	7.74	88%	1.76	99.230	-
				Calving interval in Murrah	Days	1	460	480	500	520	540	481	89.5%	0.895	99.792	-
				AFC in Murrah	Months	1	44	46	48	50	52	44.48	97.6	0.976	103.41	-
				Calf mortality in Murrah	%	1	4.0	5.0	6.0	7.0	8.0	5.92	80.8	0.808	84.459	Extreme climate condition in winter season due to rain

				Lactation yield in Nili-Ravi	Kg	2	2100	2050	2000	1950	1900	2042	88.4	1.768	99.609	-
				Wet average in Nili-Ravi	Kg	2	8.0	7.8	7.5	7.3	7.1	8.26	100%	2	105.89	-
				Calving interval in Nili-Ravi	Days	1	460	480	500	520	540	435.8	100%	1	110.14	-
				AFC in Nili-Ravi	Months	1	42	43	44	45	46	39.26	100%	1	109.52	-
				Calf mortality in Nili-Ravi	%	1	4.0	5.0	6.0	7.0	8.0	1.74	100%	1	287.35	Due to batter calf management practices
			Selection and test mating of 14 th set of bulls and progeny testing of 9 th set of bull	Selection of bull on the basis of pedigree records, semen and physical parameters	Date	3	30.11.2012	15.12.2012	31.12.2012	15.01.2013	31.01.2013	28.11.2012	100%	3	111.33	-
				Evaluation and selection of proven bulls of 9 th set	Date	3	31.07.2012	31.08.2012	30.09.2012	31.10.2012	30.11.2012	31.08.12	90%	2.7	100	-
				Release of 1 st half of funds to the network centres (2012-13)	Date	2	31.08.2012	30.09.2012	31.10.2012	30.11.2012	31.12.2012	30.09.2012	90%	1.8	100	-
			Dissemination of superior germplasm through production of disease free semen doses for AI	Semen doses production/ bull	Number	4	8000	7200	6400	5600	4800	14765.5	100%	4	205.07	High demand of semen dosed from the laymen inseminator
				Artificial insemination in field	Number	3	4000	3500	3000	2500	2000	4195	100%	3	119.85	-
2	Assisted reproductive technology for faster multiplication of superior germplasm	11	IVM, fusion of oocytes and culture of cloned embryos	Matured oocytes fused and cultured for cloned embryo production	Number	5	500	450	400	350	300	949	100%	5	210.88	More number of oocytes were put in use for technology refinement
				Integrated MOET & SOET for faster multiplication of elite buffalo germplasm	MOET & SOET flushing for embryo recovery	Number	6	30	27	24	21	18	40	100%	6	148.14

3	Improvement in feed efficiency /region specific feeding modules	11	Developing and adoption of balanced feeding practices.	Area specific mineral mixture	Kg	4	5000	4500	4000	3500	3000	6106	100%	4	135.68	Distributed in the buffalo mela and calf rallies
				Complete feed block	Number	3	7000	6500	6000	5500	5000	2085	0	0	32.076	Frequent machine breakdown
			<i>In-vitro</i> evaluation of various modulators for methane mitigation	Fermentation pattern and gas production on various feed additives/plant extracts	Number	4	10	9	8	7	6	19	100%	4	211.11	Due to extra work carried out under CV Raman fellowship
4	HRD and capacity building / technology showcasing through extension activities	11	Developing human resource in buffalo husbandry	Training human resource	Number	3	200	175	150	125	100	201	100%	3	114.85	-
			Training programme on AI and buffalo husbandry	Training programme	Number	3	12	10	8	6	4	17	100%	3	170	Due to high demand of training programme cum calf rallies
			Organization of buffalo mela, calf rallies, infertility treatment camps	Extension and transfer of technology	Number	3	8	7	6	5	4	12	100%	3	171.42	Infertility treatment camps were organized in association with PNB Saccha Khera
			Publication of scientific information on buffaloes	Annual report	Date	1	30.06.2012	07.07.2012	15.07.2012	21.07.2012	31.07.2012	06.07.2012	91.4%	0.914	100	-
				Extension bulletins	Number	1	5	4	3	2	1	7	100%	1	175	Scientist were motivated writing for extension bulletin

5	Improving buffalo production system and value addition	10	Soil reclamation and green fodder production	Green fodder produced	Quintals	4	88000	87500	87000	86500	86000	79855	0	0	91.262	-
			Silage making	Silage made	Quintals	3	11000	10500	10000	9500	9000	9485	69.7	2.091	90.33	Silage stage of fodder passed due to harvesting problem
			Grain production for feed concentrate	Grain produced	Quintals	3	4500	4000	3500	3000	2500	6370.05	100%	3	159.25	Green fodder matured to grain production
	Efficient functioning of the RFD system	3	Timely submission of RFD for 2012-13	On-time submission	Date	2	23.03.2012	26.03.2012	27.03.2012	28.03.2012	29.03.2012	23.03.2012	100	2	-	-
Timely submission of Results for 2012-13			On-time submission	Date	1	01.05.2013	02.05.2013	03.05.2013	06.05.2013	07.05.2013	0	0	0	-	-	
	Administrative Reforms	5	Implement ISO 9001	Prepare ISO 9001 action plan	Date	1	04.06.2012	05.06.2012	06.06.2012	07.06.2012	08.06.2012	30.05.2012	100	1	-	-
Implementation of ISO 9001 action plan				Date	2	25.03.2013	26.03.2013	27.03.2013	28.03.2013	29.03.2013	0	0	0	-	-	
Implement mitigating strategies for reducing potential risk of corruption			% of implementation	%	2	100	95	90	85	80	0	0	0	-	-	
	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	0	0	0	-	-
				Independent Audit of implementation of public grievance redressal system	%	2	100	95	90	85	80	0	0	0	-	-

Total Composite Score: 81.272