



# **Results-Framework Document (RFD)**

**for**

## **National Research Centre on Pig (2014- 2015)**

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## **Section 1: Vision, Mission, Objectives and Functions**

### **Vision**

To bring in excellence in pig production, health and product processing through innovative research in order to provide technology backstopping for enhanced pork production, employment generation and poverty reduction among socially and economically weaker sections through the medium of pig husbandry.

### **Mission**

Performance appraisal and genetic cataloguing of indigenous pigs, development of improved pig variety together with production, health, product processing and pig based integrated farming system technologies to facilitate the pig rearers of the country achieving household food, nutritional and economic security.

### **Objectives**

1. Production of improved varieties of crossbred piglets and their health management
2. Value addition of pork
3. Popularization of pig husbandry at farmer's field

### **Functions**

- To attend the matters relating to all aspects of pig production and health including basic, strategic and applied research activities, product/by-product processing, value addition through quality control measures and transfer of the evolved technologies to the client groups and to act as repository of information on pig production in the country.

## Section 2: Inter se priorities among Key Objectives, Success Indicators and Targets

Sl. No.	Objectives	Weight	Actions	Success indicators	Unit	Weight	Target/Criteria Value				
							Excellent	Very good	Good	Fair	Poor
							100%	90%	80%	70%	60%
1	Production of improved varieties of crossbred piglets and their health management	60	Production of crossbred piglets	Crossbred piglets of 1.5 - 2 months of age produced & distributed	Number	25	4200	3500	2800	2100	1400
			Conducting artificial insemination of pigs in institute farm/farmers' field/other institute farm	AI conducted	Number	20	2040	1700	1360	1020	680
			Screening of biological samples for disease diagnosis	Biological samples analyzed	Number	15	2100	1750	1400	1050	700
2	Value addition of pork	10	Refinement/standardization of processes/ products for value addition	Products/ processes refined/ standardized for value addition	Number	10	03	02	01	00	00
3	Popularization of pig husbandry at farmer's field	10	Conducting progressive farmer's & entrepreneurs training for scientific pig rearing at field/Institute	Training programmes organized	Number	10	06	05	04	03	02

*	Publication/ Documentati on	5	Publication of the research articles in the journals having the NAAS rating of 6.0 and above	Research articles published	Number	3	07	06	05	04	03
			Timely publication of the Institute Annual Report (2013-2014)	Annual Report published	Date	2	30.06.2014	02.07.2014	04.07.2014	07.07.2014	09.07.2014
*	Fiscal resource management	2	Utilization of released plan fund	Plan fund utilized	%	2	98	96	94	92	90
*	Efficient Functioning of the RFD System	3	Timely submission of Draft RFD for 2014-2015 for Approval	On-time submission	Date	2	May 15, 2014	May 16, 2014	May 19, 2014	May 20, 2014	May 21, 2014
			Timely submission of Results for 2013-2014	On-time submission	Date	1	May 1 2014	May 2 2014	May 5 2014	May 6 2014	May 7 2014
*	Enhanced Transparency / Improved Service delivery of Ministry/Department	3	Rating from Independent Audit of implementation of Citizens' / Clients' Charter (CCC)	Degree of implementation of commitments in CCC	%	2	100	95	90	85	80
			Independent Audit of implementation of Grievance Redress Management (GRM) system	Degree of success in implementing GRM	%	1	100	95	90	85	80
*	Administrative Reforms	7	Update organizational strategy to align with revised priorities	Date	Date	2	Nov.1 2014	Nov.2 2014	Nov.3 2014	Nov.4 2014	Nov.5 2014
			Implementation of agreed milestones of approved Mitigating Strategies for Reduction of potential	% of Implementation	%	1	100	90	80	70	60

			risk of corruption (MSC)								
			Implementation of agreed milestones for ISO 9001	% of implementation	%	2	100	95	90	85	80
			Implementation of milestones of approved Innovation Action Plans (IAPs)	% of implementation	%	2	100	90	80	70	60

### Section 3: Trend Values of the Success Indicators

Sl. No.	Objectives	Actions	Success indicators	Unit	Actual value for FY 12/13	Actual value for FY 13/14	Target value for FY 14/15	Projected value for FY 15/16	Projected value for FY 16/17
1	Production of improved varieties of crossbred piglets and their health management	Production of crossbred piglets	Crossbred piglets of 1.5 -2 months of age produced and distributed	Number	2693	4009	3500	4000	4500
		Conducting artificial insemination of pigs in Institute farm/farmers' field/other Institute farm.	AI conducted	Number	1745	2103	1700	1900	2100
		Screening of biological samples for disease diagnosis.	Biological samples analyzed	Number	1781	2044	1750	2000	2250
2	Value addition of pork	Refinement/ standardization of processes/ products for value addition	Products/ processes refined/ standardized for value addition	Number	03	02	02	02	02
3	Popularization of pig husbandry at farmer's field	Conducting progressive farmer's & entrepreneurs training for scientific pig rearing at field/Institute.	Training programmes organized	Number	04	07	05	06	07

*	Publication/Documentation	Publication of the research articles in the journals having the NAAS rating of 6.0 and above	Research articles published	Number	06	07	06	08	09
		Timely publication of the Institute Annual Report (2013-2014)	Annual Report published	Date	-	-	02.07.2014	-	-
*	Fiscal resource management	Utilization of released plan fund	Plan fund utilized	%	99.97	99.25	96	99.00	99.00
*	Efficient Functioning of the RFD System	Timely submission of Draft RFD for 2014-2015 for Approval	On-time submission	Date	-	-	May 16, 2014	-	-
		Timely submission of Results for 2013-2014	On-time submission	Date	-	-	May 2, 2014	-	-
*	Enhanced Transparency / Improved Service delivery of Ministry/Department	Rating from Independent Audit of implementation of Citizens' / Clients' Charter (CCC)	Degree of implementation of commitments in CCC	%	-		95	-	-

		Independent Audit of implementation of Grievance Redress Management (GRM) system	Degree of success in implementing GRM	%	-	-	95	-	-
*	Administrative Reforms	Update organizational strategy to align with revised priorities	Date	Date	-	-	Nov.2, 2014	-	-
		Implementation of agreed milestones of approved Mitigating Strategies for Reduction of potential risk of corruption (MSC).	% of Implementation	%	-	-	90	-	-
		Implementation of agreed milestones for ISO 9001	% of implementation	%	-	-	95	-	-
		Implementation of milestones of approved Innovation Action Plans (IAPs).	% of implementation	%	-	-	90	-	-



#### Section 4 (a): Acronyms:

Sl. No.	Acronym	Description
1	AI	Artificial Insemination
2	CAU	Central Agricultural University
3	AH	Animal Husbandry
4	SAU	State Agricultural Universities

#### Section 4 (b): Description and definition of success indicators and proposed measurement methodology

Sl. No.	Success indicator	Description	Definition	Measurement	General Comments
1	Crossbred piglets of 1.5 -2 months of age produced & distributed	Identification of genetic resource, continuous evaluation of parental lines, their maintenance and production of offsprings of superior genetic merit	Genetic improvement and maintenance of parental lines (indigenous, crossbred & exotic) and their propagation through scientific rearing	Number	Availability of superior quality germplasm/seeds to the stakeholders/ target groups
2	AI conducted	Breeding by means of artificial method (collecting & depositing the semen into the reproductive tract of female pig in estrus)	Technology for the rapid genetic improvement/ multiplication of pig germplasm	Number	Facilitates faster multiplication and rapid genetic improvement of pig germplasm at farm & field level

3	Biological samples analyzed	Samples derived from pigs including blood, tissue and faecal samples that have been collected for the analysis	Different types of samples collected from pigs will be analyzed for rapid disease diagnosis and formulation of disease management strategies	Number	Integral to disease surveillance and animal health control programs
4	Products/processes refined/standardized for value addition	More effective utilization of fresh pork & production of improved/variety products through value-addition	Development of value added consumer acceptable pork products	Number	Development of new/improved products, greater marketing opportunities, better returns to producers
5	Training programmes organized	The knowledge and skills of stakeholders can be enhanced by organizing regular training programmes	Exposure to advanced technologies and methods in understanding pig rearing practices and scientific pig production	Number	Knowledge and skill development for farmers and other stakeholders

**Section 5: Specific performance requirements from other departments that are critical for delivering agreed results**

<b>Location Type</b>	<b>State</b>	<b>Organization Type</b>	<b>Organization Name</b>	<b>Relevant Success Indicator</b>	<b>What is your requirement from this organization</b>	<b>Justification for this requirement</b>	<b>Please quantify your requirement from this Organization</b>	<b>What happens if your requirement is not met</b>
State	All the states	State AH Deptt	Animal Husbandry Deptt.	Crossbred piglets of 1.5 -2 months of age produced and distributed	To disseminate pig seed	Identifying and making linkage with the target groups	5%	Distribution of less number of piglets to the farmers' field
State	All the states	Private pork processing units/ entrepreneurs	Private pork processing units/ entrepreneurs	Products/ processes refined/ standardized for value addition	Collaboration and commercialization of technologies	For popularization/ commercialization of refined/ standardized products	5%	Transfer of less number of technologies for commercialization

### Section 6: Outcome / impact of activities of Department/Ministry

S.No.	Outcome/Impact	Jointly responsible for influencing this outcome / impact with the following organization(s)/ department(s)/ministry(ies)	Success Indicators	Unit	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
1	Quality pig seed production	CAU, SAUs, Veterinary Universities and State AH Departments	Improvement in income of households	Percent	07	09	10	11	12
2	Reduction in the disease incidences in pigs	State Agricultural Universities and Veterinary Universities	Reduction in disease incidence	Percent	0.75	1	1.25	1.5	2