



Results-Framework Document (RFD)

for

National Research Centre on Pig (2013- 2014)

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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

SI 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	69	Production of crossbred piglets	Crossbred piglets of 1.5 -2 months of age produced & distributed	Number	29	2100	1950	1800	1650	1500
			Conducting artificial insemination of pigs in institute farm/farmers' field/other institute farm	AI conducted	Number	25	1200	1100	1000	900	800
			Screening of biological samples for disease diagnosis	Biological samples analyzed	Number	15	1500	1400	1300	1200	1100
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	0	0
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	05	04	03	02	01

Efficient Functioning of the RFD System	3	Timely submission of Draft RFD (2013-14) for approval	On-time submission	Date	2	15/05/2013	16/05/2013	17/05/2013	20/05/2013	21/05/2013
		Timely submission of Results for RFD (2012-13)	On-time submission	Date	1	01/05/2013	02/05/2013	05/05/2013	06/05/2013	07/05/2013
Administrative Reforms	4	Implement ISO 9001 as per the approved action plan	% Implementation	%	2	100	95	90	85	80
		Prepare an action plan for Innovation	Ontime submission	Date	2	30/07/2013	10/08/2013	20/08/2013	30/08/2013	10/09/2013
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
			Independent Audit of implementation of public grievance redressal system	%	2	100	95	90	85	80

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

Sl No:	Objectives	Actions	Success indicators	Unit	Actual value for FY 11/12	Actual value for FY 12/13	Target value for FY 13/14	Projected value for FY 14/15	Projected value for FY 15/16
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	1825	2693	1950	2000	2100
		Conducting artificial insemination of pigs in Institute farm/farmers' field/other Institute farm.	AI conducted	Number	1050	1745	1100	1150	1200
		Screening of biological samples for disease diagnosis	Biological samples analyzed	Number	1375	1781	1400	1500	1600
2	Value addition of pork	Refinement/ standardization of processes/ products for value addition	Products/ processes refined/ standardized for value addition	Number	02	03	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	04	04	05	05

	Efficient Functioning of the RFD System	Timely submission of Draft RFD (2013-14) for approval	On-time submission	Date	-	-	16/05/2013	-	-
		Timely submission of Results for RFD (2012-13)	On-time submission	Date	-	-	02/05/2013	-	-
	Administrative Reforms	Implement ISO 9001 as per the approved action plan.	% Implementation	%	-	-	95	-	-
		Prepare an action plan for Innovation	Ontime submission	Date	-	-	10/08/2013	-	-
	Improving internal efficiency /responsiveness / service delivery of Ministry / Department	Implementation of Sevottam	Independent Audit of Implementation of Citizen's Charter	%	-	-	95	-	-
			Independent Audit of implementation of public grievance redressal system	%	-	-	95	-	-

Section 4: Acronyms:

SI No	Acronym	Description
1	AI	Artificial Insemination
2	AICRP	All-India Coordinated Research Project
3	CAU	Central Agricultural University
4	AH	Animal Husbandry
5	SAU	State Agricultural Universities

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology:

SI 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

Location Type	State	Organization Type	Organization Name	Relevant Success Indicator	What is your requirement from this organization	Justification for this requirement	Please quantify your requirement from this Organization	What happens if your requirement is not met
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	10%	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	10%	Transfer of less number of technologies for commercialization

**Section 6:
Outcome / impact of activities of the organization**

S.No.	Outcome/Impact of the organization	Jointly responsible for influencing this outcome / impact with the following departments/ministries	Success Indicator	Unit	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
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