RFD
RESULTS - FRAMEWORK DOCUMENT
(2011-2012)

DIRECTORATE OF OIL PALM RESEARCH

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Section 1: Vision, Mission, Objectives and Functions

Vision

Accelerated development of innovations and technologies to address the challenges of producing more vegetable oils for growing population with declining land and water in the scenario of climate change.

Mission

i. To ensure technology led development of oil palm for food and industrial purposes and making it available to the citizens at affordable price.
ii. To ensure the availability of new hybrids and technology, which can withstand against biotic and abiotic pressure and provide better profitability to the farmers
iii. To develop technologies which are socially compatible, politically feasible and ecologically sustainable and provide environmental services.

Objectives

i. Effective management, enhancement and evaluation of genetic resources and development of improved hybrids with high quality characteristics, productivity, resistance to pest and diseases and tolerant to abiotic stresses.
ii. Developing system for productive use of nutrients, water and management of plant health through the use of diagnostic techniques and value addition.
iii. Understand social needs of communities and build their capabilities for practice the change for effective utilization of resources and adoption of technologies and respond to emerging needs.

Functions

To plan, co-ordinate and monitor oil palm research for development at national level and to serve as knowledge repository in oil palm and establish national and international cooperation and visualize oil palm research needs as per changing scenario and to overview the implementation of programmes in relation to targets and needs. Ensure technical backstopping to various Ministries and Departments such as DAC, Commerce, Food Processing etc.

Section 2: Inter se Priorities among key Objectives, Success indicators and Targets and Performance Results Achievements

Objective	Weight	Action	Success Indicator	Unit	Weight	Target/Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100 %	90 %	80%	70%	60 %
1. Effective management, enhancement, evaluation of genetic resources and development of improved hybrids with high quality characteristics, productivity and resistance to biotic and abiotic stresses	49	Enrichment of oil palm genetic resources	Number of explorations made	Number	10	10	9	8	7	6
			Number of germplasm added to gene bank	Number	10	15	13	11	9	7
		Performance of genetic resources under moisture stress and other related characters	Number of germplasm screened for drought related characters	Number	10	6	5	4	3	1
		Strengthening of existing seed gardens	No. of dura selected for higher yield, harvest index, etc	Number	9	10	8	6	4	2
			Number of seed sprouts produced	Number (in lakhs)	10	2.4	2.2	1.5	1.0	0.80
2. Developing system for productive use of nutrients, water and management of plant health through the use of diagnostic techniques and value addition	20	Optimization of location specific INM/ IPM technology management	Number of technologies developed	Number	10	5	4	3	2	1
		Analysis of soil and leaf samples	Number of soil and plant samples analyzed for macro and micro nutrients	Number	5	400	350	300	250	100
		Integrated management of pests and diseases	Surveys conducted for pest and disease incidence	Number	5	20	15	12	10	5
3. Understand social needs of communities and build their capabilities for practice of change to effectively utilize resources and adoption of technologies and respond to emerging needs.	20	Training to officers on Oil Palm cultivation	Number of officers trained	Number	4	100	80	60	40	20
		Training to farmers on Oil Palm cultivation	Number of farmers trained	Number	4	200	175	150	100	50
		Conducting field visits seminars, Interface meets, campaigns etc.	Number of field visits conducted	Number	4	15	13	11	9	7
		Data collection, compilation and analysis of oil palm plantations	Number of farmers/plantation data	Number	5	100	80	60	40	25
			Feedback from farmers	Number	3	100	80	60	40	25

4. Efficient functioning of RFD system	11	Timely submission of RFD for 2011-12	On time submission	Date	2	June 10, 2011	June 14, 2011	June 16, 2011	June 20, 2011	June 22, 2011
		Timely submission of results for 2011 - 12	On time submission	Date	1	May 1, 2012	May 3, 2012	May 4, 2012	May 5, 2012	May 6, 2012
		Finalize a strategic plan for next five year plan	Finalize strategic plan for next 5 years.	Date	2	Dec 10, 2011	Dec 15, 2011	Dec 20, 2011	Dec 24, 2011	Dec 31, 2011
		Identify potential areas of corruption related to organization activities and develop an action plan to mitigate them	Finalize an action plan to mitigate potential areas of corruption	Date	2	Dec 10, 2011	Dec 15, 2011	Dec 20, 2011	Dec 24, 2011	Dec 31, 2011
		Implementation of Sevottam	Create a Sevottam Compliant system to implement, monitor and review Citizen's charter	Date	2	Dec 10, 2011	Dec 15, 2011	Dec 20, 2011	Dec 24, 2011	Dec 31, 2011
			Create a sevottam Compliant system to redress and monitor public Greivances	Date	2	Dec 10, 2011	Dec 15, 2011	Dec 20, 2011	Dec 24, 2011	Dec 31, 2011

Section 3: Trend values of Success indicators

Objective	Action	Success Indicator	Unit	Actual Value for 2009-10	Actual Value for 2010-11	Target Value for 2011-12	Projected Value for FY 12/13	Projected Value for FY 13/14
1. Effective management, enhancement, evaluation of genetic resources and development of improved hybrids with high quality characteristics, productivity and resistance to biotic and abiotic stresses	Enrichment of oil palm genetic resources	Number of explorations made	Number	2	5	9	12	15
		Number of germplasm added to gene bank	Number	8	10	13	14	15
	Performance of genetic resources under moisture stress and other related characters	Number of germplasm screened for drought related characters	Number	2	4	5	6	8
	Strengthening of existing seed gardens	No. of dura selected for higher yield, harvest index, etc	Number	4	6	8	12	15
		Number of seed sprouts produced	Number (in lakhs)	1.9	2.0	2.2	2.4	2.5
2. Developing system for productive use of nutrients, water and management of plant health through the use of diagnostic techniques and value addition	Optimization of location specific INM/ IPM technology management	Number of technologies developed	Number	2	3	4	6	8
	Analysis of soil and leaf samples	Number of soil and plant samples analyzed for macro and micro nutrients	Number	300	320	350	400	425
	Integrated management of pests and diseases	Surveys conducted for pest and disease incidence	Number	8	11	15	20	25
3. Understand social needs of communities and build their capabilities for practice of change to effectively utilize resources and adoption of technologies and respond to emerging needs.	Training to officers on Oil Palm cultivation	Number of officers trained	Number	70	75	80	90	100
	Training to farmers on Oil Palm cultivation	Number of farmers trained	Number	125	155	175	190	210
	Conducting field visits seminars, Interface meets, campaigns etc.	Number of field visits conducted	Number	9	11	13	15	17
	Data collection, compilation and analysis of oil palm plantations	Number of farmers/plantation data	Number	33	50	80	100	120
		Feedback from farmers	Number	33	50	80	100	120
4. Efficient functioning of RFD system	Timely submission of RFD for 2011-12	On time submission	Date	-	-	June 14, 2011	-	-
	Timely submission of results for 2011 - 12	On time submission	Date	-	-	May 3, 2012	-	-
	Finalize a strategic plan for next five year plan	Finalize strategic plan for next 5 years.	Date	-	-	Dec 15, 2011	-	-
	Identify potential areas of corruption related to organization activities and develop an action plan to mitigate them	Finalize an action plan to mitigate potential areas of corruption	Date	-	-	Dec 15, 2011	-	-
	Implementation of Sevottam	Create a Sevottam Compliant system to implement, monitor and review Citizen's charter	Date	-	-	Dec 15, 2011	-	-
		Create a sevottam Compliant system to redress and monitor public Greivances	Date	-	-	Dec 15, 2011	-	-

Section 4: Description and Definition of Success indicators and proposed measurement methodology

Objective 1:
Explorations in oil palm growing states of India will be undertaken and germplasm with special characters will be added to gene bank. High yielding dura mother palms will be selected and seed sprouts will be produced and distributed to different oil palm growing states of India.

Objective 2:
Developing production technologies in the form of standardization of maturity standards of harvesting fresh fruit bunches and standardization of foliar nutrient diagnosis. Surveys will be undertaken for incidence of pests and diseases in different oil palm growing states of India.

Objective 3:
Organizing training programmes to officers and farmers in oil palm technology, conducting field trips, developing software/databases will be undertaken.

Section 5: Specific performance requirements from other Departments.

Financial and/or technological support from Department of Agriculture/Horticulture of all oil palm growing states, KVK, ISOPOM, MPOB, Malaysia, and ASD Costa Rica will be required.

Section 6: Outcome/ Impact of activities of organization ministry

S.No	Outcome/Impact of organization /RC's	Jointly responsible for influencing this outcome/impact with the following organization (s) /Departments/Ministry (ies)	Success Indicator (s)	Unit	2009-10	2010-11	2011-12	2012-13	2013-14
1	Increase in area under oil palm cultivation and enhancing productivity of oil palm	DAC, SAU's, Department of Agril./Hort., Public and Private Sector Companies	Number of seed sprouts produced	Number (in lakhs)	1.9	2.0	2.2	2.4	2.6
			Number of technologies/methodologies developed	Number	2	3	4	6	8