



Government of Jammu and Kashmir

R F D

(Results-Framework Document)
for

Department of Agriculture Production

(2013-2014)

Section 1: Vision, Mission, Objectives and Functions

Vision

Promoting judicious use of land & water resources for sustainable agriculture production & productivity in convergence with Agro based livelihood support systems for economic viability and transformation of rural community

Mission

Increase in quality production and productivity. Accessing latest technology for adoption and extension to ensure efficient use of resources. Promoting diversification and sustainability in Agriculture sector Ensuring profitability and attractiveness with special attention to small & marginal farmers, women farmers and youth Making need based interventions for development of gardens / park, recreation spaces, Creating sound marketing and post harvest management avenues and related infrastructure

Objectives

- 1 Restructuring of State Agro Industries Development Corporations and achievement of financial parameters, annual accounting, besides increase in Revenue & Profits;
- 2 Generation and transfer of appropriate technology;
- 3 Human Resource management;
- 4 Development of climate resilient production system through suitable adaptation and mitigation measures;
- 5 Increasing capital and Credit flow to agriculture sector;
- 6 Providing a transparent institutional framework for public-private participation, and involvement of beneficiaries/farming community in programme planning and implementation;
- 7 Monitoring & Evaluation of Major Thematic Areas and Schemes and undertaking periodic Farming Family census.
- 8 Enhancing production and productivity of crops and agro-based produce;
- 9 Promoting sustainable agriculture;
- 10 Diversification in agriculture to achieve economic upliftment of farming community;
- 11 Development of cultivable wastelands, rainfed areas and watersheds;
- 12 Need based development of parks and gardens, & their maintenance including heritage gardens;

Functions

- 1 1. To serve as an essential and effective link between the Research Institutions and the farmers (Lab to Land, Land to Land & Land to Lab);
- 2 Human resource management and capacity building appropriate to need:

Section 1: Vision, Mission, Objectives and Functions

- 3 Improvement in extension services:
- 4 Skill development of entrepreneurs through integrated approach by involving private sector also;
- 5 Dissemination of latest technology to the farmers through motivation, awareness cum training programmes, demonstrations, audio visual aids, electronic and print media, exposure visits, kissan melas, awards and incentives etc
- 6 Ensuring timely availability of quality inputs to the farmers;
- 7 To implement various State and Centrally Sponsored Schemes and other developmental programmes for the benefit of the farming community.
- 8 To improve the Rural economy and socio-economic condition of the farming community and to explore new possibilities for high economic activity in the Agriculture Sector;
- 9 Infrastructure Development including Up-gradation of Seed Multiplication farms, Laboratories for Quality Control and Soil Testing, Training facilities for Officers and Farmers etc.
- 10 Promoting diversified and market driven farming systems;
- 11 Augmentation of area under host plant development by propagation of exotic/improved mulberry varieties;
- 12 Providing of Cocoon Bank and Silk Exchange facilities to the private entrepreneurs;
- 13 Development of Post Cocoon Sector by establishment of Reeling, Twisting, Yarn Dyeing units in private sector for providing self-employment opportunities;
- 14 Providing effective linkage between research institutes, Agriculture Universities of the States for transfer of technology;
- 15 Providing of technical trainings to the extension staff through Research Institutes within and outside the State, SKUAST Jammu and SKUAST Kashmir and departmental trainings institutes;
- 16 To minimize the pollution by developing/ maintaining existing and new parks, and plantation on waste lands;
- 17 Survey, planning, designing and development of field channels to provide assured irrigation before execution and during the execution of On Farm Development Works.
- 18 Promoting avenues for private sector investment in agriculture through formation of Farmers' Interest Groups, Commodity Interest Groups, etc.;
- 19 Developing post harvest and marketing infrastructure for agriculture produce:
- 20 Monitoring and Evaluation of schemes through department/ third party/ electronic mode.

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
[1] Restructuring of State Agro Industries Development Corporations and achievement of financial parameters, annual accounting, besides increase in Revenue & Profits;	1.00	[1.1] Preparation of restructuring road map and business turnover plan and Improvement in Financial Parameters	[1.1.1] Commissioning of study for preparation of restructuring roadmap and business turnover	Date	0.50	15/02/2014	01/03/2014	10/03/2014	20/03/2014	30/03/2014
			[1.1.2] Updating of annual accounts till date	Date	0.25	31/07/2013	31/08/2013	30/09/2013	31/10/2013	30/11/2013
			[1.1.3] Increase in business turn over	Rs. in Lakhs	0.25	4500	4200	4000	3800	3500
[2] Generation and transfer of appropriate technology;	13.50	[2.1] Organization of Extension services & Intensive Extension activities	[2.1.1] Training/awareness camps organized/ Kissan Melas/FFS/ Exhibitions	Mandays	2.00	254000	240000	176000	149000	122000
			[2.1.2] Demonstration on Crops	Ha.	2.00	16800	14600	11600	10150	8700
			[2.1.3] Demonstrations in CAD Per plot	Nos.	2.00	4475	2083	1500	1250	1000
			[2.1.4] Exposure Visits (Agriculture)	Nos.	2.00	16000	13900	10320	9030	7740
			[2.1.5] Training, Exposure visits, organized within District, Within State and outside state (Floriculture).	Nos.	2.00	3350	2083	1500	1200	1000
			[2.1.6] Training Courses in WUE/ CAD	Nos.	2.00	508	481	300	200	100

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Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
		[2.2] Development and adoption of new appropriate technology	[2.2.1] New Technologies developed that enhance crop production & productivity	Nos.	0.50	5	4	3	2	1
			[2.2.2] New technologies developed that minimize crop losses due to pests	Nos.	0.50	8	6	4	2	1
			[2.2.3] Other new post harvest technologies developed	Nos.	0.50	5	4	3	2	1
[3] Human Resource management;	10.00	[3.1] Preparation of Human Resource Management Plan	[3.1.1] Induction, Orientation & Refreshers Trainings Imparted to executive/ ministerial officers/officials and class IV staff through ICAR institutions, IMPA, Manage, State Agriculture Universities, SAMETI, KVK's and ATMA	--	0.00	--	--	--	--	--
			[3.1.2] Agriculture	%age	0.60	10	9	8	7	6
			[3.1.3] Sericulture	%age	0.40	10	9	8	7	6

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						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
			[3.1.4] Floriculture	%age	0.30	10	9	8	7	6
			[3.1.5] Command Area Dev.	%age	0.40	100	80	70	60	40
			[3.1.6] J&K AIDCL	%age	0.30	10	9	8	7	6
		[3.2] Holding of DPC of Staff	[3.2.1] Periodic Holding of DPC of Gazetted Staff	Per Year	2.00	5	4	3	2	1
			[3.2.2] Periodic Holding of DPC of Non-Gazetted Staff	Per Year	2.00	5	4	3	2	1
			[3.2.3] Seniority List issued	Per Year	2.00	5	4	3	2	1
		[3.3] Filling up of vacant posts	[3.3.1] Increase in Number of filled posts	% during the year	1.00	70	60	55	50	45
		[3.4] Court cases settled	[3.4.1] Court cases settled during the year	% during the year	1.00	40	30	25	20	15
[4] Development of climate resilient production system through suitable adaptation and mitigation measures;	4.00	[4.1] Introduction of systemic changes for resilient production system	[4.1.1] No of new climate resilient improved crop varieties introduced	No.	0.20	5	4	3	2	1
			[4.1.2] Distribution of educational / training material to farmers for climate mitigation strategies	No.	0.40	50000	45000	30000	25000	20000

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Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
		[4.2] Promoting Protected cultivation	[4.2.1] Distribution of Polygreen Houses	Sq.mtr.	1.60	312000	277000	187600	164000	140400
			[4.2.2] Planting of high value crops such as lillium, tulips gerberas etc. (cut flowers) under Polygreen Houses	Sq.mtr.	0.80	27000	23000	20000	16000	12000
			[4.2.3] Distributions of shade net house. (tubular)	Sq.mtr.	0.50	15000	12000	10000	8000	5000
			[4.2.4] Coverage of farmers under agriculture insurance schemes against natural calamities /disasters	Nos.	0.50	8500	5500	5000	4000	3000
[5] Increasing capital and Credit flow to agriculture sector;	6.00	[5.1] Credit for Investment	[5.1.1] KCCs Issued/ Farming families Covered	lakh Nos.	2.00	5.00	3.00	2.50	2.00	1.50
			[5.1.2] Credit (Crop Loan) Extended to farmers	Rs. in lakhs	2.00	87500	72710	60000	55000	45000
		[5.2] Farming Family Census	[5.2.1] Census of farming families completed	%age	2.00	30	20	15	10	5
[6] Providing a transparent institutional framework for public-private participation, and involvement of beneficiaries/farming community in programme planning and implementation;	5.00	[6.1] Wara bandi in CAD areas	[6.1.1] Area covered under Warabandi	Ha.	2.00	52013	34576	20000	15000	10000

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						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
		[6.2] Involving Service Providing Agencies, FPOs/ Commodity Interest Groups/ Farmers' Interest Groups in Post harvest management & Marketing at grass root level	[6.2.1] Service Providing Agencies, FPOs/ Commodity Interest Groups/ Farmers' Interest Groups involved	Nos.	1.00	700	300	250	200	175
		[6.3] Involving PRIs in programme planning and implementation	[6.3.1] Number of PRIs involved in development of Farm Production Plans and identification of beneficiaries	%age	2.00	95	85	70	65	60
[7] Monitoring & Evaluation of Major Thematic Areas and Schemes and undertaking periodic Farming Family census.	1.00	[7.1] Third party Monitoring & Evaluation of key Schemes	[7.1.1] Number of Major Thematic Areas and Schemes Monitored & Evaluated	Nos.	0.50	10	8	5	4	3
		[7.2] Timely updating of website content	[7.2.1] Percentage of simultaneous availability of notifications, Govt. Orders, Circulars, on-line within 10 days of issue or release	%age	0.50	100	90	85	80	70
[8] Enhancing production and productivity of crops and agro-based produce;	23.50	[8.1] Productivity of Major Agricultural Crops	[8.1.1] Increase in productivity of Paddy	Qtls/Ha	0.40	22.35	21.50	20	19	18

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Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
			[8.1.2] Increase in productivity of Wheat	Qtls/Ha	0.40	19.50	18.25	17	16.50	16.00
			[8.1.3] Increase in productivity of Maize	Qtls/Ha	0.40	20.00	19.00	17.00	16	15
			[8.1.4] Increase in productivity of Oilseeds	Qtls/Ha	0.25	9.25	8.65	8	7.50	7
			[8.1.5] Increase in productivity of Pulses	Qtls/Ha	0.25	7.00	6.40	5.50	5.25	5
		[8.2] Popularizing new improved crop varieties	[8.2.1] Number of new improved crop varieties/ hybrids introduced	Nos.	0.40	11	9	6	5	4
		[8.3] Production of High yielding varieties seed in Departmental Seed Multiplication Farms	[8.3.1] Production of HYV seed in Departmental Seed Multiplication Farms Paddy	Qtls.	0.40	9845	8750	6880	6020	5160
			[8.3.2] Production of HYV seed in Departmental Seed Multiplication Farms Maize	Qtls.	0.40	580	505	344	288.5	233
			[8.3.3] Production of HYV seed in Departmental Seed Multiplication Farms Wheat	Qtls.	0.40	26775	22450	17880	15645	13410

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Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
			[8.3.4] Production of HYV seed in Departmental Seed Multiplication Farms Oil seeds	Qtls.	0.40	700	610	472	408	354
			[8.3.5] Production of HYV seed in Departmental Seed Multiplication Farms Pulses	Qtls.	0.25	410	310	248	217	186
			[8.3.6] Production of HYV seed in Departmental Seed Multiplication Farms Fodder	Qtls.	0.25	3255	2550	1720	1505	1290
			[8.3.7] Production of HYV seed in Departmental Seed Multiplication Farms Potato	Qtls.	0.25	10200	8900	6720	5880	5040
			[8.3.8] Production of HYV seed in Departmental Seed Multiplication Farms Vegetables	Qtls.	0.25	48	42	32	28	24
		[8.4] Distribution of High Yielding Variety (HYV) Seeds	[8.4.1] Distribution of HYV Paddy	Qtls.	0.40	15250	13000	9600	8400	7200
		[8.4.2] Distribution of HYV Maize	Qtls.	0.40	13325	10500	8200	7280	6240	

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						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
			[8.4.3] Distribution of HYV Wheat	Qtls.	0.40	47250	42000	33600	29400	25200
			[8.4.4] Distribution of HYV Oilseed	Qtls.	0.40	2415	1800	1440	1260	1080
			[8.4.5] Distribution of HYV Pulses	Qtls.	0.40	1575	1000	800	700	600
			[8.4.6] Distribution of HYV Fodder	Qtls.	0.40	5150	4000	3200	2800	2400
			[8.4.7] Distribution of HYV Potato	Qtls.	0.40	7875	7000	5200	4500	3900
			[8.4.8] Distribution of Hybrid veg. seeds	Qtls.	0.40	63	55	40	35	30
		[8.5] Enhancing Seed Replacement Rate	[8.5.1] SRR, Paddy	%	0.40	37	33	20	17.50	15
			[8.5.2] SRR of Wheat	%	0.40	33	31	24.80	21.70	18.60
			[8.5.3] SRR, Maize	%	0.40	28	18.50	13.20	11.55	9.90
			[8.5.4] SRR, Oilseed	%	0.25	41.50	33.50	26	22.75	19.50
			[8.5.5] SRR, Pulses	%	0.25	27.30	20	16	14	12
			[8.5.6] SRR, Fodder	%	0.25	29.40	25	10	8.75	7.50
			[8.5.7] SRR Potato	%	0.25	22	20	16	14	12
		[8.6] Production of exotic mulberry saplings	[8.6.1] Nursery plantation of exotic Mulberry stocks	Lac. No	1.50	110	100	80	70	60

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						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
			[8.6.2] Exotic Mulberry seed sown.	Kgs	0.40	315	300	240	210	180
		[8.7] Production of quality silkworm seed.	[8.7.1] Production of P-1 silkworm seed	ounces	1.00	1400	1200	800	700	600
			[8.7.2] Production of F-1 silkworm seed	ounces	1.00	23000	20000	12000	10500	9000
			[8.7.3] Distribution of silkworm seed	ounces	1.00	29500	28000	21600	18900	16200
		[8.8] Quality Cocoon production and productivity.	[8.8.1] Production of spring cocoon crop.	Lac Kgs	1.00	9.70	9.00	7.20	6.30	5.40
			[8.8.2] Production of summer /autumn cocoon crop.	Lac Kgs	0.40	1.00	0.50	0.40	0.35	0.30
		[8.9] Up gradation of rearing facilities for Sericulture	[8.9.1] Providing of rearing appliances	Nos	0.40	2200	1600	1200	1000	800
			[8.9.2] Providing rearing houses.	Nos	0.40	2000	1600	1200	1050	900
		[8.10] Promotion of Low volume high value crops	[8.10.1] Rejuvenation of Saffron	Ha	0.40	1435	1235	828	725	621
		[8.11] Integrated Pest and Nutrient Management	[8.11.1] Area Coverage under INM & IPM	Ha	0.40	111500	100500	80000	70000	60000
		[8.12] Popularization of Farm Mechanization	[8.12.1] Studies and recommendations made by SAUs on Area Specific new farm machinery	Nos	0.40	9	7	6	5	4
			[8.12.2] Popularizing latest improved machines like laser levelers,	Nos	0.40	16	12	9	7	5

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						Excellent	Very Good	Good	Fair	Poor		
						100%	90%	80%	70%	60%		
			reaper/binders etc. through Custom Hire Services run by Coops/ Agri Business Centres/ SHGs etc.									
			[8.12.3] Promoting Power Driven Machinery	Nos	0.40	7081	5302	3000	2500	2000		
			[8.12.4] Promoting Manually operated and Animal Drawn machinery	Nos	0.40	19828	18798	14000	12500	11000		
		[8.13] Creation of irrigation infrastructure.	[8.13.1] Nos. of bore wells including pump sets (for floriculture).	Nos	0.75	177	165	150	125	100		
			[8.13.2] No of Tube-wells/water harvesting tanks	Nos	0.40	470	330	224	196	168		
			[8.13.3] No. of irrigation pump sets	Nos	0.75	5600	5000	4240	3860	3480		
			[8.13.4] Area under Drip irrigation	Ha.	0.40	300	100	40	35	30		
			[8.13.5] Area under Sprinkler irrigation	Ha.	0.40	400	200	80	70	60		
			[8.13.6] Area covered under Field Channel	Ha.	0.40	49383	32273	11716	10252	8787		
			[8.13.7] Area covered under Field Drain	Ha.	0.40	40704	23922	6923	6058	5192		

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						100%	90%	80%	70%	60%
			[8.13.8] Increase in cropping intensity	%	0.40	177	175	138.50	121	104
[9] Promoting sustainable agriculture;	11.00	[9.1] Management of Soil and environment Health	[9.1.1] Strengthening of soil Testing Laboratory/MSTV	Nos.	2.00	18	15	11	9	7
			[9.1.2] Establishment of Vermi-Compost Units	Nos.	0.50	2100	1500	1056	924	792
			[9.1.3] Organic Farming	Ha.	1.50	7200	4800	3600	3150	2700
			[9.1.4] Development / commissioning of Soil Fertility maps for the Rural Development Blocks	Nos.	1.00	90	40	12	8	4
			[9.1.5] Soil Health Cards	Nos.	2.00	44000	37000	26400	23100	19800
		[9.2] Promotion of Crop Rotation System	[9.2.1] Rotation of Cereal-Cereal based cropping system with Pulses, vegetables, potato, fodder, Oilseeds, aromatic-medicinal crop.	Ha	2.00	15100	14300	11200	9800	8400
		[9.3] Preservation of Biodiversity	[9.3.1] Area coverage under the valuable rare Traditional crops and cultivars	Ha.	2.00	550	350	240	210	180

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						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
[10] Diversification in agriculture to achieve economic upliftment of farming community;	10.00	[10.1] Augmentation of area under Mulberry (host-Plant) for silkworm	[10.1.1] Mulberry Plantation Field Plantation	lakh Nos.	3.50	18	16.50	6.40	5.60	4.80
		[10.2] Promoting silk reeling, twisting units in private sector.	[10.2.1] Establishment of silk reeling, units	Nos.	0.50	6	4	3	2	1
			[10.2.2] Establishment of silk twisting unit	Nos.	0.50	3	2	1	0	0
		[10.3] Promotion of Mushroom cultivation	[10.3.1] Establishment of Mushroom Units (100 Trays each)	Nos	1.50	110	70	52	46	39
		[10.4] Promotion of Apiculture	[10.4.1] Establishment of Apiculture Units (of 10 Colonies each)	Nos.	1.50	200	140	112	98	84
		[10.5] Introducing high yielding flower crops in open cultivation.	[10.5.1] Planting of high yield varieties of marigold cosmos gladiolus etc	Ha.	2.00	170	157	130	125	120
		[10.6] Promotion of other high value crops	[10.6.1] Area expansion under Cumin, Coriander, fennel and other spices, condiments etc.	Ha.	0.50	200	180	144	126	108
[11] Development of cultivable wastelands, rainfed areas and watersheds;	3.00	[11.1] Soil Conservation including Water Shed Management & Reclaiming cultivable wastelands	[11.1.1] Area Treated through Soil Conservation including Water Shed Management & Reclaiming cultivable wastelands	Ha.	2.00	20000	10800	8480	7420	6360

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						100%	90%	80%	70%	60%
			[11.1.2] Integrated Farming Systems Approach adopted	Ha.	0.50	9000	5000	4240	3710	3180
			[11.1.3] Rainfed Area Dev. Model Implemented	Ha.	0.50	20000	19885	16000	14500	12000
[12] Need based development of parks and gardens, & their maintenance including heritage gardens;	2.00	[12.1] Economically and aesthetically viable Land use on basis of land capability	[12.1.1] Maintenance & up gradation of existing gardens/ parks.	%age	0.50	34.50	33.50	30	25	20
			[12.1.2] Development of new gardens, parks/recreation places.	%age	0.50	30	28	25	22	20
			[12.1.3] Maintenance & development of existing heritage gardens.	%age	1.00	57	55	53	52	50
* Efficient Functioning of the RFD System	5.00	Timely Submission of Draft Approval	On time Submission	Date	2.0	20/03/2013	21/03/2013	22/03/2013	25/03/2013	26/03/2013
		Timely Submission of Results	On time Submission	Date	1.0	01/05/2014	02/05/2014	03/05/2014	06/05/2014	07/05/2014
		Finalize Strategic Plan (After meeting all intermediate deadline)	Finalize the Strategic Plan for next 5 years	Date	2.0	10/06/2013	14/06/2013	18/06/2013	24/06/2013	28/06/2013
* Improving Internal Efficiency / Responsiveness Service Delivery of Department	5.00	Development RFDs for all Responsibility centers (Subordinate officers,Attached Officers and Autonomous Bodies)	Percentage of RCs covered	%	2.0	100	95	90	85	80

* Mandatory Objective(s)

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						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
		Implementation of Sevottam	Create a compliant System to implement,monitor and review Citizen's/Client's Charter	Date	2.0	15/09/2013	20/09/2013	25/09/2013	30/09/2013	01/10/2013
			Create a compliant system to redress and monitor to public Grievances	Date	1.0	15/09/2013	20/09/2013	25/09/2013	30/09/2013	01/09/2013

* Mandatory Objective(s)

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	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] Restructuring of State Agro Industries Development Corporations and achievement of financial parameters, annual accounting, besides increase in Revenue & Profits;	[1.1] Preparation of restructuring road map and business turnover plan and Improvement in Financial Parameters	[1.1.1] Commissioning of study for preparation of restructuring roadmap and business turnover	Date	--	01/03/2013	20/06/2014	30/04/2015	30/04/2016
		[1.1.2] Updating of annual accounts till date	Date	--	01/08/2012	31/08/2013	31/08/2014	31/08/2015
		[1.1.3] Increase in business turn over	Rs. in Lakhs	--	--	4200	--	--
[2] Generation and transfer of appropriate technology;	[2.1] Organization of Extension services & Intensive Extension activities	[2.1.1] Training/awareness camps organized/ Kissan Melas/FFS/ Exhibitions	Mandays	93200	228500	240000	252000	264000
		[2.1.2] Demonstration on Crops	Ha.	9099	14329	14600	15700	16800
		[2.1.3] Demonstrations in CAD Per plot	Nos.	1298	1932	2083	3338	4475
		[2.1.4] Exposure Visits (Agriculture)	Nos.	11220	12700	13900	15000	16000
		[2.1.5] Training, Exposure visits, organized within District, Within State and outside state (Floriculture).	Nos.	2555	4354	4052	4400	4500
		[2.1.6] Training Courses in WUE/ CAD	Nos.	131	243	481	488	508
	[2.2] Development and adoption of new appropriate	[2.2.1] New Technologies developed that enhance crop	Nos.	3	3	4	5	6

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	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
	technology	production & productivity						
		[2.2.2] New technologies developed that minimize crop losses due to pests	Nos.	4	5	6	7	10
		[2.2.3] Other new post harvest technologies developed	Nos.	2	2	4	6	8
[3] Human Resource management;	[3.1] Preparation of Human Resource Management Plan	[3.1.1] Induction, Orientation & Refreshers Trainings Imparted to executive/ ministerial officers/officials and class IV staff through ICAR institutions, IMPA, Manage, State Agriculture Universities, SAMETI, KVK's and ATMA	--	--	--	--	--	--
		[3.1.2] Agriculture	%age	--	--	9	12	15
		[3.1.3] Sericulture	%age	--	--	9	12	15
		[3.1.4] Floriculture	%age	7	8	9	12	15
		[3.1.5] Command Area Dev.	%age	100	100	80	80	80

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	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
		[3.1.6] J&K AIDCL	%age	7	8	9	10	15
	[3.2] Holding of DPC of Staff	[3.2.1] Periodic Holding of DPC of Gazetted Staff	Per Year	--	2	1	1	1
		[3.2.2] Periodic Holding of DPC of Non-Gazetted Staff	Per Year	--	2	1	1	1
		[3.2.3] Seniority List issued	Per Year	--	2	1	1	1
	[3.3] Filling up of vacant posts	[3.3.1] Increase in Number of filled posts	% during the year	60	60	60	60	70
	[3.4] Court cases settled	[3.4.1] Court cases settled during the year	% during the year	12.50	26	30	40	50
[4] Development of climate resilient production system through suitable adaptation and mitigation measures;	[4.1] Introduction of systemic changes for resilient production system	[4.1.1] No of new climate resilient improved crop varieties intorduced	No.	--	--	4	6	10
		[4.1.2] Distribution of educational / training material to farmers for climate mitigation strategies	No.	--	--	45000	50000	60000
	[4.2] Promoting Protected cultivation	[4.2.1] Distribution of Polygreen Houses	Sq.mtr.	262731	247847	277000	294500	312000
		[4.2.2] Planting of high value crops such as lillium, tulips gerberas etc. (cut flowers) under Polygreen Houses	Sq.mtr.	13337	21198	23000	25000	27000

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	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
		[4.2.3] Distributions of shade net house. (tubular)	Sq.mtr.	6986	10249	12000	13500	15000
		[4.2.4] Coverage of farmers under agriculture insurance schemes against natural calamities /disasters	Nos.	3666	5000	5500	7000	8500
[5] Increasing capital and Credit flow to agriculture sector;	[5.1] Credit for Investment	[5.1.1] KCCs Issued/ Farming families Covered	lakh Nos.	0.09	3.00	9.00	--	--
		[5.1.2] Credit (Crop Loan) Extended to farmers	Rs. in lakhs	27196.47	66100	72710	79981	87252
	[5.2] Farming Family Census	[5.2.1] Census of farming families completed	%age	--	10	20	30	40
[6] Providing a transparent institutional framework for public-private participation, and involvement of beneficiaries/farming community in programme planning and implementation;	[6.1] Wara bandi in CAD areas	[6.1.1] Area covered under Warabandi	Ha.	9383	25796	34576	49055	52013
	[6.2] Involving Service Providing Agencies, FPOs/ Commodity Interest Groups/ Farmers' Interest Groups in Post harvest management & Marketing at grass root level	[6.2.1] Service Providing Agencies, FPOs/ Commodity Interest Groups/ Farmers' Interest Groups involved	Nos.	220	250	300	500	700

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	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
	[6.3] Involving PRIs in programme planning and implementation	[6.3.1] Number of PRIs involved in development of Farm Production Plans and identification of beneficiaries	%age	50	75	85	95	100
[7] Monitoring & Evaluation of Major Thematic Areas and Schemes and undertaking periodic Farming Family census.	[7.1] Third party Monitoring & Evaluation of key Schemes	[7.1.1] Number of Major Thematic Areas and Schemes Monitored & Evaluated	Nos.	2	3	8	10	12
	[7.2] Timely updating of website content	[7.2.1] Percentage of simultaneous availability of notifications, Govt. Orders, Circulars, on-line within 10 days of issue or release	%age	--	90	90	95	100
[8] Enhancing production and productivity of crops and agro-based produce;	[8.1] Productivity of Major Agricultural Crops	[8.1.1] Increase in productivity of Paddy	Qtls/Ha	20.87	21.25	21.50	22.00	22.35
		[8.1.2] Increase in productivity of Wheat	Qtls/Ha	16.89	18.00	18.25	19.00	19.50
		[8.1.3] Increase in productivity of Maize	Qtls/Ha	16.08	18.20	19.00	19.50	20.00
		[8.1.4] Increase in productivity of Oilseeds	Qtls/Ha	8.26	8.40	8.65	9.00	9.25

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	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
		[8.1.5] Increase in productivity of Pulses	Qtls/Ha	5.14	6.00	6.40	6.75	7.00
	[8.2] Popularizing new improved crop varieties	[8.2.1] Number of new improved crop varieties/ hybrids introduced	Nos.	20	8	9	10	11
	[8.3] Production of High yielding varieties seed in Departmental Seed Multiplication Farms	[8.3.1] Production of HYV seed in Departmental Seed Multiplication Farms Paddy	Qtls.	3790.80	7847	8750	9375	9845
		[8.3.2] Production of HYV seed in Departmental Seed Multiplication Farms Maize	Qtls.	402	450	505	560	580
		[8.3.3] Production of HYV seed in Departmental Seed Multiplication Farms Wheat	Qtls.	17832	20350	22450	25500	26775
		[8.3.4] Production of HYV seed in Departmental Seed Multiplication Farms Oil seeds	Qtls.	364	540	610	670	700
		[8.3.5] Production of HYV seed in Departmental Seed Multiplication Farms Pulses	Qtls.	97	266	310	390	410

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	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
		[8.3.6] Production of HYV seed in Departmental Seed Multiplication Farms Fodder	Qtls.	1732	2000	2550	3100	3255
		[8.3.7] Production of HYV seed in Departmental Seed Multiplication Farms Potato	Qtls.	6978	8200	8900	9700	10200
		[8.3.8] Production of HYV seed in Departmental Seed Multiplication Farms Vegetables	Qtls.	37	40	42	45	48
	[8.4] Distribution of High Yielding Variety (HYV) Seeds	[8.4.1] Distribution of HYV Paddy	Qtls.	8907	11393	13000	15000	15250
		[8.4.2] Distribution of HYV Maize	Qtls.	8806	9192	10500	12700	13325
		[8.4.3] Distribution of HYV Wheat	Qtls.	38105	39921.85	42000	45000	47250
		[8.4.4] Distribution of HYV Oilseed	Qtls.	1493	1587	1800	2300	2415
		[8.4.5] Distribution of HYV Pulses	Qtls.	160	658	1000	1500	1575
		[8.4.6] Distribution of HYV Fodder	Qtls.	2218	3125	4000	5000	5150
		[8.4.7] Distribution of HYV Potato	Qtls.	6300	6500	7000	7500	7875

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	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
		[8.4.8] Distribution of Hybrid veg. seeds	Qtls.	37.30	50.00	55	60	63
	[8.5] Enhancing Seed Replacement Rate	[8.5.1] SRR, Paddy	%	22.41	32.59	33	35	37
		[8.5.2] SRR of Wheat	%	26.05	26.82	31	32	33
		[8.5.3] SRR, Maize	%	18.16	15.49	18.50	25	28
		[8.5.4] SRR, Oilseed	%	27.77	32.50	33.50	39.50	41.50
		[8.5.5] SRR, Pulses	%	3.83	20	20	26	27.30
		[8.5.6] SRR, Fodder	%	23.80	25	25	28	29.40
		[8.5.7] SRR Potato	%	18.53	19	20	21	22
	[8.6] Production of exotic mulberry saplings	[8.6.1] Nursery plantation of exotic Mulberry stocks	Lac. No	107.75	103.38	100	105	110
		[8.6.2] Exotic Mulberry seed sown.	Kgs	295	313	300	310	315
	[8.7] Production of quality silkworm seed.	[8.7.1] Production of P-1 silkworm seed	ounces	1116	804	1200	1300	1400
		[8.7.2] Production of F-1 silkworm seed	ounces	15228	14654	20000	22000	23000
		[8.7.3] Distribution of silkworm seed	ounces	27202	27049	28000	29000	29500
	[8.8] Quality Cocoon production and productivity.	[8.8.1] Production of spring cocoon crop.	Lac Kgs	8.50	8.60	9.00	9.30	9.70

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	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
		[8.8.2] Production of summer /autumn cocoon crop.	Lac Kgs	0.67	0.41	0.50	0.70	1.00
	[8.9] Up gradation of rearing facilities for Sericulture	[8.9.1] Providing of rearing appliances	Nos	2000	1000	1600	2000	2200
		[8.9.2] Providing rearing houses.	Nos	1600	1500	1600	1800	2000
	[8.10]Promotion of Low volume high value crops	[8.10.1] Rejuvenation of Saffron	Ha	363	1030	1235	1335	1435
	[8.11]Integrated Pest and Nutrient Management	[8.11.1] Area Coverage under INM & IPM	Ha	46240	96550	100500	106000	111500
	[8.12]Popularization of Farm Mechanization	[8.12.1] Studies and recommendations made by SAUs on Area Specific new farm machinery	Nos	5	6	7	8	9
		[8.12.2] Popularizing latest improved machines like laser levelers, reaper/binders etc. through Custom Hire Services run by Coops/ Agri Business Centres/ SHGs etc.	Nos	7	12	12	14	16
		[8.12.3] Promoting Power Driven Machinery	Nos	1500	4470	5302	6437	7081
		[8.12.4] Promoting Manually operated and Animal Drawn	Nos	6312	17884	18798	19313	19828

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	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
		machinery						
	[8.13] Creation of irrigation infrastructure.	[8.13.1] Nos. of bore wells including pump sets (for floriculture).	Nos	103	155	165	170	175
		[8.13.2] No of Tube-wells/water harvesting tanks	Nos	108	248	330	400	470
		[8.13.3] No. of irrigation pump sets	Nos	5494	5180	5000	5300	5600
		[8.13.4] Area under Drip irrigation	Ha.	--	45	100	200	300
		[8.13.5] Area under Sprinkler irrigation	Ha.	--	90	200	300	400
		[8.13.6] Area covered under Field Channel	Ha.	16531	23986	32273	46950	49383
		[8.13.7] Area covered under Field Drain	Ha.	11201	17606	23922	39045	40704
		[8.13.8] Increase in cropping intensity	%	172	173	175	176	177
[9] Promoting sustainable agriculture;	[9.1] Management of Soil and environment Health	[9.1.1] Strengthening of soil Testing Laboratory/MSTV	Nos.	13	10	15	15	15
		[9.1.2] Establishment of Vermi-Compost Units	Nos.	1148	1209	1500	1800	2100
		[9.1.3] Organic Farming	Ha.	3400	3961	4800	6000	7200
		[9.1.4] Development / commissioning of Soil Fertility maps	Nos.	--	--	12	40	90

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	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
		for the Rural Development Blocks						
		[9.1.5] Soil Health Cards	Nos.	32826	35000	37000	40000	44000
	[9.2] Promotion of Crop Rotation System	[9.2.1] Rotation of Cereal-Cereal based cropping system with Pulses, vegetables, potato, fodder, Oilseeds, aromatic-medicinal crop.	Ha	13340	13700	14300	14800	15100
	[9.3] Preservation of Biodiversity	[9.3.1] Area coverage under the valuable rare Traditional crops and cultivars	Ha.	216	283	350	450	550
[10] Diversification in agriculture to achieve economic upliftment of farming community;	[10.1]Augmentation of area under Mulberry (host-Plant) for silkworm	[10.1.1] Mulberry Plantation Field Plantation	lakh Nos.	21.47	18.098	16.50	17.00	18.00
	[10.2]Promoting silk reeling, twisting units in private sector.	[10.2.1] Establishment of silk reeling, units	Nos.	--	3	4	4	6
		[10.2.2] Establishment of silk twisting unit	Nos.	--	1	2	2	2
	[10.3]Promotion of Mushroom cultivation	[10.3.1] Establishment of Mushroom Units (100 Trays each)	Nos	47	52	70	90	110
	[10.4]Promotion of Apiculture	[10.4.1] Establishment of Apiculture Units (of 10 Colonies each)	Nos.	124	125	140	170	200

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	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
	[10.5]Introducing high yielding flower crops in open cultivation.	[10.5.1] Planting of high yield varieties of marigold cosmos gladiolus etc	Ha.	135	148	157	163	170
	[10.6]Promotion of other high value crops	[10.6.1] Area expansion under Cumin, Coriander, fennel and other spices, condiments etc.	Ha.	150	155	180	200	220
[11] Development of cultivable wastelands, rainfed areas and watersheds;	[11.1]Soil Conservation including Water Shed Management & Reclaiming cultivable wastelands	[11.1.1] Area Treated through Soil Conservation including Water Shed Management & Reclaiming cultivable wastelands	Ha.	7600	8600	10800	15900	20000
		[11.1.2] Integrated Farming Systems Approach adopted	Ha.	--	--	5000	7000	9000
		[11.1.3] Rainfed Area Dev. Model Implemented	Ha.	--	--	19865	19865	19865
[12] Need based development of parks and gardens, & their maintenance including heritage gardens;	[12.1]Economically and aesthetically viable Land use on basis of land capability	[12.1.1] Maintenance & up gradation of existing gardens/ parks.	%age	30	32.70	33.50	34	34.50
		[12.1.2] Development of new gardens, parks/recreation places.	%age	23	28	28	28	28
		[12.1.3] Maintenance & development of existing heritage	%age	53	53	55	55	55

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	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
		gardens.						
* Efficient Functioning of the RFD System	Timely Submission of Draft Approval	On time Submission	Date	--	30/04/2012	30/04/2013	30/04/2014	15/04/2015
	Timely Submission of Results	On time Submission	Date	--	30/05/2012	31/05/2013	31/05/2014	15/05/2015
	Finalize Strategic Plan (After meeting all intermediate deadline)	Finalize the Strategic Plan for next 5 years	Date	--	31/07/2012	31/07/2013	31/07/2014	15/07/2015
* Improving Internal Efficiency / Responsiveness Service Delivery of Department	Development RFDs for all Responsibility centers (Subordinate officers, Attached Officers and Autonomous Bodies)	Percentage of RCs covered	%	--	--	95	95	100
	Implementation of Sevottam	Create a compliant System to implement, monitor and review Citizen's/Client's Charter	Date	--	--	10/08/2013	10/08/2014	10/08/2015
		Create a compliant system to redress and monitor to public Grievances	Date	--	--	10/08/2013	10/08/2014	10/08/2015

* Mandatory Objective(s)

Section 4: Acronym

Sl.No	Acronym	Description
1	CAD	Command Area Development
2	CSS	Centrally Sponsored Scheme
3	DPC	Departmental Promotion Committee
4	FFS	Farmers Field School
5	FPO	Farmers producers Organization
6	FY	Financial Year.

Section 4: Acronym

Sl.No	Acronym	Description
7	HYV	High Yielding Variety
8	INM	Integrated Nutrient Management
9	IPM	Integrated Pest Management
10	JKAIDC	Jammu & Kashmir Agro Industries Development Corporation Limited.
11	KCC	Kissan Credit Cards.
12	MSTV	Mobile Soil Testing Vans

Section 4: Acronym

Sl.No	Acronym	Description
13	NAIS	
14	PRI	Panchayati Raj Institution
15	PSC	Public Service Commission
16	Qtl/Ha.	Quintal per hectare
17	SAU	State Agriculture University
18	SHC	Soil Health Cards

Section 4: Acronym

Sl.No	Acronym	Description
19	SKUAST	Sher-e-Kashmir University of Agricultural Sciences and Technology
20	SRR	Seed Replacement Rate
21	UVS	Ultra Violet Stabilized
22	WUE	Water Use Efficiency

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

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
1	[3.3.1] Increase in Number of filled posts	Filling of vacant posts	The vacant posts in the department at different levels to be filled for smooth conduct of the developmental activities of the department.	It is measured in terms of % of posts filled to the total sanctioned posts in the Department.	
2	[3.4.1] Court cases settled during the year	Court cases settled	Court cases pending in any court of law pertaining to Agriculture Department to be settled on priority basis.	It is measured by calculating percentage of cases in courts settled out of the total in the Hon'ble courts of the land.	
3	[4.2.2] Planting of high value crops such as lillium, tulips gerberas etc. (cut flowers) under Polygreen Houses	Planting of high value crops such as lillium, tulips gerberas etc. under Polygreen Houses	The department is providing incentives in shape of subsidy to the progressive growers in order to upliftment of their economic condition under different CSS. Commercial floriculture is being promoted through interventions in high value flower crops and export of dry flowers is also envisaged	It is measured in terms of sq.m. of area brought under protected cultivation through hi-tech green houses, UVS polygreen houses and shade nets in the state during the year.	
4	[4.2.3] Distributions of shade net house. (tubular)	Distributions of shade net house. (tubular)	In order to prevent the adverse impact of hot weather and piercing sunshine on vegetables and other high value sensitive crops the	It is measured in terms of sq.m. of area brought under protected cultivation through hi-tech green houses, UVS polygreen houses and shade nets in	

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

SI.No	Success indicator	Description	Definition	Measurement	General Comments
4	[4.2.3] Distributions of shade net house. (tubular)	Distributions of shade net house. (tubular)	department will distribute shade net houses (tubular) among farming community to facilitate protected cultivation for their off-season production and regulated supplies in the market to fetch better remuneration for economic upliftment of farming community,	the state during the year.	
5	[4.2.3] Distributions of shade net house. (tubular)	Distributions of shade net house. (tubular)	In order to prevent the adverse impact of hot weather and piercing sunshine on vegetables and other high value sensitive crops the department will distribute shade net houses (tubular) among farming community to facilitate protected cultivation for their off-season production and regulated supplies in the market to fetch better remuneration for economic upliftment of farming community,	It is measured in terms of sq.m. of area brought under protected cultivation through hi-tech green houses, UVS polygreen houses and shade nets in the state during the year.	

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

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
6	[5.1.1] KCCs Issued/ Farming families Covered	Coverage of farmers under agriculture insurance schemes against natural calamities	Farmers shall be motivated for coverage of area under their crops under insurance schemes against any natural calamity during the year.	It is measured in terms of farmers covered under NAIS, etc. in the State during the year.	
7	[5.1.2] Credit (Crop Loan) Extended to farmers	KCCs Issued	In order to facilitate the hassle free credit to the farmer for purchase of Agriculture Inputs Kissan Credit Cards are to be provided through various Banking Institutions. Agriculture Department is motivating and facilitating the farmers in the process.	It is measured in terms of farmers covered under KCC Scheme in the State during the year.	
8	[5.2.1] Census of farming families completed	Census of farming families completed	Building up and updating the Data-base of farming families for effective planning, monitoring and evaluation is an important tool. Field functionaries of the Department will build and update the Data on this account regularly.	It is measured in terms of percentage of information developed and maintained as per standard format devised for the purpose.	

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

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
9	[6.1.1] Area covered under Warabandi	Area covered under Warabandi	Distribution gates are installed for equitable distribution of irrigation water. Also at prominent places, sign boards are installed showing importance of judicious use of water at proper time and turn of each individual farmer so that entire area gets uniform irrigation water.	It is measured in terms of area covered under the programme in the State during the year.	
10	[6.2.1] Service Providing Agencies, FPOs/ Commodity Interest Groups/ Farmers' Interest Groups involved	Service Providing Agencies, FPOs/ Commodity Interest Groups/ Farmers' Interest Groups involved	Farmers of common interest growing common crops/ enterprises are brought under one umbrella to work in groups. This is based on the principal that groups will work more effectively than individuals by having convenience in access to inputs, knowledge and market.	It is measured by number of effective groups formed during the year in the State.	
11	[6.3.1] Number of PRIs involved in development of Farm Production Plans and identification of beneficiaries	Involvement of PRIs in selection of development activities and beneficiaries	To have transparency in planning and implementation of development programmes, involvement of Panchayati Raj	It is measured in terms of percentage of involvement of PRIs ensured/ effected by the Departments during the year in programme implementation.	

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

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
11	[6.3.1] Number of PRIs involved in development of Farm Production Plans and identification of beneficiaries	Involvement of PRIs in selection of development activities and beneficiaries	Institutions have an important role to play. Department is involving these institutions in selection of development activities and beneficiaries so that the needy ones are duly covered.	It is measured in terms of percentage of involvement of PRIs ensured/ effected by the Departments during the year in programme implementation.	
12	[8.1.1] Increase in productivity of Paddy	Increase in productivity will lead to increase in total production of crop	It is the production of edible part of the respective crops per unit area per unit time (season)	It is measured through crop cutting experiments and expressed as production in qtls. per hectare area	
13	[8.1.2] Increase in productivity of Wheat	Increase in productivity will lead to increase in total production of crop	It is the production of edible part of the respective crops per unit area per unit time (season)	It is measured through crop cutting experiments and expressed as production in qtls. per hectare area	
14	[8.1.3] Increase in productivity of Maize	Increase in productivity will lead to increase in total production of crop	It is the production of edible part of the respective crops per unit area per unit time (season)	It is measured through crop cutting experiments and expressed as production in qtls. per hectare area	
15	[8.1.4] Increase in productivity of Oilseeds	Increase in productivity will lead to increase in total production of crop	It is the production of edible part of the respective crops per unit area per unit time (season)	It is measured through crop cutting experiments and expressed as production in qtls. per hectare area	

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

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
16	[8.1.5] Increase in productivity of Pulses	Increase in productivity will lead to increase in total production of crop	It is the production of edible part of the respective crops per unit area per unit time (season)	It is measured through crop cutting experiments and expressed as production in qtls. per hectare area	
17	[8.2.1] Number of new improved crop varieties/ hybrids introduced	The introduction of new improved crop varieties/ hybrids will be based on location, time and objective specific.	It is the introduction of high yielding / disease, pest, climatic stress resistant/tolerant varieties in the specific agro-climatic situation and broaden the genetic base of crop capable of withstanding stresses & result in sustainable production enhancement.	It is measured by number of successfully tried and tested new crop varieties/ hybrids introduced in field	
18	[8.3.1] Production of HYV seed in Departmental Seed Multiplication Farms Paddy	Higher production of Foundation/ Certified Seed of crops at Departmental Seed Multiplication Farms is desirable to ensure availability of maximum possible locally adapted and locally produced improved seed for farmers	It is the total quantity of foundation / certified seed of specific crop and variety produced per cropping season at Departmental Seed Multiplication Farms	It is measured in qtls of foundation / certified seed of specific crop and variety produced per cropping season at Departmental Seed Multiplication Farms	
19	[8.3.2] Production of HYV seed in Departmental Seed Multiplication Farms Maize	Higher production of Foundation/ Certified Seed of crops at Departmental Seed Multiplication Farms is desirable to ensure availability of maximum possible locally adapted and locally	It is the total quantity of foundation / certified seed of specific crop and variety produced per cropping season at Departmental Seed	It is measured in qtls of foundation / certified seed of specific crop and variety produced per cropping season at Departmental Seed Multiplication Farms	

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Sl.No	Success indicator	Description	Definition	Measurement	General Comments
19	[8.3.2] Production of HYV seed in Departmental Seed Multiplication Farms Maize	produced improved seed for farmers	Multiplication Farms	It is measured in qtls of foundation / certified seed of specific crop and variety produced per cropping season at Departmental Seed Multiplication Farms	
20	[8.3.3] Production of HYV seed in Departmental Seed Multiplication Farms Wheat	Higher production of Foundation/ Certified Seed of crops at Departmental Seed Multiplication Farms is desirable to ensure availability of maximum possible locally adapted and locally produced improved seed for farmers	It is the total quantity of foundation / certified seed of specific crop and variety produced per cropping season at Departmental Seed Multiplication Farms	It is measured in qtls of foundation / certified seed of specific crop and variety produced per cropping season at Departmental Seed Multiplication Farms	
21	[8.3.4] Production of HYV seed in Departmental Seed Multiplication Farms Oil seeds	Higher production of Foundation/ Certified Seed of crops at Departmental Seed Multiplication Farms is desirable to ensure availability of maximum possible locally adapted and locally produced improved seed for farmers	It is the total quantity of foundation / certified seed of specific crop and variety produced per cropping season at Departmental Seed Multiplication Farms	It is measured in qtls of foundation / certified seed of specific crop and variety produced per cropping season at Departmental Seed Multiplication Farms	
22	[8.3.5] Production of HYV seed in Departmental Seed Multiplication Farms Pulses	Higher production of Foundation/ Certified Seed of crops at Departmental Seed Multiplication Farms is desirable to ensure availability of maximum possible locally adapted and locally produced improved seed for farmers	It is the total quantity of foundation / certified seed of specific crop and variety produced per cropping season at Departmental Seed Multiplication Farms	It is measured in qtls of foundation / certified seed of specific crop and variety produced per cropping season at Departmental Seed Multiplication Farms	

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Sl.No	Success indicator	Description	Definition	Measurement	General Comments
23	[8.3.6] Production of HYV seed in Departmental Seed Multiplication Farms Fodder	Higher production of Foundation/ Certified Seed of crops at Departmental Seed Multiplication Farms is desirable to ensure availability of maximum possible locally adapted and locally produced improved seed for farmers	It is the total quantity of foundation / certified seed of specific crop and variety produced per cropping season at Departmental Seed Multiplication Farms	It is measured in qtls of foundation / certified seed of specific crop and variety produced per cropping season at Departmental Seed Multiplication Farms	
24	[8.3.7] Production of HYV seed in Departmental Seed Multiplication Farms Potato	Higher production of Foundation/ Certified Seed of crops at Departmental Seed Multiplication Farms is desirable to ensure availability of maximum possible locally adapted and locally produced improved seed for farmers	It is the total quantity of foundation / certified seed of specific crop and variety produced per cropping season at Departmental Seed Multiplication Farms	It is measured in qtls of foundation / certified seed of specific crop and variety produced per cropping season at Departmental Seed Multiplication Farms	
25	[8.3.8] Production of HYV seed in Departmental Seed Multiplication Farms Vegetables	Higher production of Foundation/ Certified Seed of crops at Departmental Seed Multiplication Farms is desirable to ensure availability of maximum possible locally adapted and locally produced improved seed for farmers	It is the total quantity of foundation / certified seed of specific crop and variety produced per cropping season at Departmental Seed Multiplication Farms	It is measured in qtls of foundation / certified seed of specific crop and variety produced per cropping season at Departmental Seed Multiplication Farms	
26	[8.4.1] Distribution of HYV Paddy	This intervention is to provide the farmers with area specific quality seeds of rice, maize, wheat, pulses, oilseeds, potato, fodder in a larger area at right time at subsidized rates through various schemes of the	It is the quantity of area specific quality seeds of respective crops distributed by the Department and other authorized sources among farmers during	It is measured in terms of fresh seed distributed by the Department during the year, in qtls..	

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Sl.No	Success indicator	Description	Definition	Measurement	General Comments
26	[8.4.1] Distribution of HYV Paddy	Departments	the year	It is measured in terms of fresh seed distributed by the Department during the year, in qtls..	
27	[8.4.2] Distribution of HYV Maize	This intervention is to provide the farmers with area specific quality seeds of rice, maize, wheat, pulses, oilseeds, potato, fodder in a larger area at right time at subsidized rates through various schemes of the Departments	It is the quantity of area specific quality seeds of respective crops distributed by the Department and other authorized sources among farmers during the year	It is measured in terms of fresh seed distributed by the Department during the year, in qtls..	
28	[8.4.3] Distribution of HYV Wheat	This intervention is to provide the farmers with area specific quality seeds of rice, maize, wheat, pulses, oilseeds, potato, fodder in a larger area at right time at subsidized rates through various schemes of the Departments	It is the quantity of area specific quality seeds of respective crops distributed by the Department and other authorized sources among farmers during the year	It is measured in terms of fresh seed distributed by the Department during the year, in qtls..	
29	[8.4.4] Distribution of HYV Oilseed	This intervention is to provide the farmers with area specific quality seeds of rice, maize, wheat, pulses, oilseeds, potato, fodder in a larger area at right time at subsidized rates through various schemes of the Departments	It is the quantity of area specific quality seeds of respective crops distributed by the Department and other authorized sources among farmers during the year	It is measured in terms of fresh seed distributed by the Department during the year, in qtls..	

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Sl.No	Success indicator	Description	Definition	Measurement	General Comments
30	[8.4.5] Distribution of HYV Pulses	This intervention is to provide the farmers with area specific quality seeds of rice, maize, wheat, pulses, oilseeds, potato, fodder in a larger area at right time at subsidized rates through various schemes of the Departments	It is the quantity of area specific quality seeds of respective crops distributed by the Department and other authorized sources among farmers during the year	It is measured in terms of fresh seed distributed by the Department during the year, in qtls..	
31	[8.4.6] Distribution of HYV Fodder	This intervention is to provide the farmers with area specific quality seeds of rice, maize, wheat, pulses, oilseeds, potato, fodder in a larger area at right time at subsidized rates through various schemes of the Departments	It is the quantity of area specific quality seeds of respective crops distributed by the Department and other authorized sources among farmers during the year	It is measured in terms of fresh seed distributed by the Department during the year, in qtls..	
32	[8.4.7] Distribution of HYV Potato	This intervention is to provide the farmers with area specific quality seeds of rice, maize, wheat, pulses, oilseeds, potato, fodder in a larger area at right time at subsidized rates through various schemes of the Departments	It is the quantity of area specific quality seeds of respective crops distributed by the Department and other authorized sources among farmers during the year	It is measured in terms of fresh seed distributed by the Department during the year, in qtls..	
33	[8.4.8] Distribution of Hybrid veg. seeds	This intervention is to provide the farmers with area specific quality seeds of rice, maize, wheat, pulses, oilseeds, potato, fodder in a larger area at right time at subsidized rates through	It is the quantity of area specific quality seeds of respective crops distributed by the Department and other authorized sources among farmers during	It is measured in terms of fresh seed distributed by the Department during the year, in qtls..	

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Sl.No	Success indicator	Description	Definition	Measurement	General Comments
33	[8.4.8] Distribution of Hybrid veg. seeds	various schemes of the Departments	the year	It is measured in terms of fresh seed distributed by the Department during the year, in qtls..	
34	[8.5.1] SRR, Paddy	The farmer has to replace the seeds of self pollinated crops after 3-4 years	It is the percentage of the area covered under improved crop varieties through distribution of fresh seed in the field during the year out of the total area under the crop	It is measured in terms of percentage.	
35	[8.5.2] SRR of Wheat	The farmer has to replace the seeds of self pollinated crops after 3-4 years	It is the percentage of the area covered under improved crop varieties through distribution of fresh seed in the field during the year out of the total area under the crop	It is measured in terms of percentage.	
36	[8.5.3] SRR, Maize	The farmer has to replace the seeds of cross pollinated crops every 2-3 years for harvesting of optimum yield. Hybrid seed is to be used afresh every sowing season.	It is the percentage of the area covered under improved crop varieties through distribution of fresh seed in the field during the year out of the total area under the crop	It is measured in terms of percentage.	

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Sl.No	Success indicator	Description	Definition	Measurement	General Comments
37	[8.5.4] SRR, Oilseed	The farmer has to replace the seeds of cross pollinated crops every 2-3 years for harvesting of optimum yield. Hybrid seed is to be used afresh every sowing season.	It is the percentage of the area covered under improved crop varieties through distribution of fresh seed in the field during the year out of the total area under the crop	It is measured in terms of percentage.	
38	[8.5.5] SRR, Pulses	The farmer has to replace the seeds of self pollinated crops after 3-4 years	It is the percentage of the area covered under improved crop varieties through distribution of fresh seed in the field during the year out of the total area under the crop	It is measured in terms of percentage.	
39	[8.5.6] SRR, Fodder	The farmer has to replace the seeds of self pollinated crops after 3-4 years	It is the percentage of the area covered under improved crop varieties through distribution of fresh seed in the field during the year out of the total area under the crop	It is measured in terms of percentage.	
40	[8.5.7] SRR Potato	The farmer has to replace the seeds of self pollinated crops after 3-4 years	It is the percentage of the area covered under improved crop varieties through distribution of fresh seed in the field during the year out of the total area under the	It is measured in terms of percentage	

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Sl.No	Success indicator	Description	Definition	Measurement	General Comments
40	[8.5.7] SRR Potato	The farmer has to replace the seeds of self pollinated crops after 3-4 years	crop	It is measured in terms of percentage	
41	[8.6.1] Nursery plantation of exotic Mulberry stocks	Plantation and nurturing of young quality Mulberry plants of exotic kinds is done to multiply these superior kinds for distribution in the field.	It is the Production of quality Mulberry plants of exotic kinds and their distribution in the field.	It is measured in terms of production of Mulberry saplings in the departmental nurseries and their distribution to the farmers in lakh numbers.	
42	[8.6.2] Exotic Mulberry seed sown.	Exotic Mulberry seed of superior kind is sown to raise vigorous and quality planting material.	It is the quantity of Exotic Mulberry seed sown during the year	It is measured in kgs.	
43	[8.7.1] Production of P-1 silkworm seed	The production of quality silkworm seed in the basic seed stations /grainages of the department.	It is the production of quality silkworm seed at the basic seed stations /grainages of the department	It is measured in terms of ounces	
44	[8.7.2] Production of F-1 silkworm seed	Production of F-1 silkworm seed	It is the production of quality silkworm seed at the basic seed stations /grainages of the department	It is measured in terms of ounces	

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Sl.No	Success indicator	Description	Definition	Measurement	General Comments
45	[8.7.3] Distribution of silkworm seed	The silkworm seed is incubated and distributed among the farmers.	It is the quantity of silkworm seed distributed among farmers during the year.	It is measured in ounces.	
46	[8.8.1] Production of spring cocoon crop.	Production of spring cocoon crop.	To increase cocoon crop production during the year through judicious harnessing of resources and technology.	It is measured in terms of the Production of cocoons in the field during maximum part of the year through farmers	
47	[8.8.2] Production of summer /autumn cocoon crop.	Production of summer /autumn cocoon crop	To increase cocoon crop production during the year through judicious harnessing of resources and technology.	It is measured in terms of the Production of cocoons in the field during maximum part of the year through farmers	
48	[8.9.1] Providing of rearing appliances	The farmers in general don't have proper rearing appliances which adversely affects efficiency and output	It is providing the farmers with latest rearing appliances for improving their rearing conditions.	It is measured in terms of the number of farmers covered	
49	[8.9.2] Providing rearing houses.	The farmers in general don't have proper rearing houses/ sheds which adversely affects efficiency and output	It is providing the farmers with latest rearing houses for improving their rearing conditions.	It is measured in terms of the number of farmers covered	

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Sl.No	Success indicator	Description	Definition	Measurement	General Comments
50	[8.10.1] Rejuvenation of Saffron	Rejuvenation of Saffron is essential as the old corms lose vitality and viability.	It is to rejuvenate the old and obsolete seed of saffron through sorting, grading, seed treatment and replanting of selected quality corms to enhance productivity of the quality and productivity of crop	It is measured in terms of area rejuvenated during the year	
51	[8.11.1] Area Coverage under INM & IPM	To increase area under Integrated Nutrient and Pest Management practices by involving balanced and appropriate bio-pesticides and bio-fertilizers, chemical and organic fertilizers and pesticides for sustainable and enviro-friendly crop nutrient and pest management	It is the use of judicious, environment friendly and health y crop pest and nutrient Management practices by involving balanced and appropriate bio-pesticides and bio-fertilizers, chemical and organic fertilizers and pesticides, etc.	It is measured in terms of area covered in hectares during the year under INM and IPM	
52	[8.12.1] Studies and recommendations made by SAUs on Area Specific new farm machinery	It is aimed at promotion of research by SAUs involving studies conducted and recommendations given for area specific machinery and equipments like rotavators, laser land levellers, reapers, binders, etc. in the state during the year	It refers to Studies conducted and recommendations made by SKUAST Jammu and SKUAST Kashmir on Area Specific new farm machinery	It is measured in terms of number of studies conducted and recommendations given during the year.	

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Sl.No	Success indicator	Description	Definition	Measurement	General Comments
53	[8.12.2] Popularizing latest improved machines like laser levelers, reaper/binders etc. through Custom Hire Services run by Coops/ Agri Business Centres/ SHGs etc.	Assistance is provided for establishment of Agri Business Centres by farmer groups/ Societies/ Individual entrepreneurs to provide Custom Hire Services to the fellow resource poor farmers	To promote latest and improved area specific machinery and equipments like rotavators, laser levellers, reapers, binders, power threshers etc.among the resource poor farmers in the state	It is measured in terms of number of such agri-business centres established during the year to provide custom hire services.	
54	[8.12.3] Promoting Power Driven Machinery	Assistance is provided to farmers for the use of improved power operated equipments and machines for land levelling, land preparation, transplanting, harvesting, threshing etc. can close the time gap and improve farm efficiency to ensure higher production.	It is the number of improved power operated agricultural equipments and machines provided to farmers to improve farm efficiency & ensure higher productivity.	It is measured in terms of farm machines provided to farmers as per their specific location and operational needs during the year	
55	[8.12.4] Promoting Manually operated and Animal Drawn machinery	Assistance is provided to farmers for the use of improved Manually operated and Animal Drawn machinery for land levelling, land preparation, transplanting, harvesting, threshing etc. is required especially in the hills/ mountainous areas to close the time gap and improve farm efficiency to ensure higher production.	It is the number of improved Manually operated and Animal Drawn agricultural machinery provided to farmers to improve farm efficiency over time, economy, scale and outcome in terms of productivity.	It is measured in terms of such farm machines provided to farmers as per their specific location and operation needs during the year	

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Sl.No	Success indicator	Description	Definition	Measurement	General Comments
56	[8.13.1] Nos. of bore wells including pump sets (for floriculture).	The use of such improved devices/equipments for irrigation will fulfil the critical irrigation requirements of crops. It includes irrigation pump sets for promotion of floriculture And ensures higher production.	It is the number of deep bore-wells, community bore wells installed by Departments covered unde agriculture sector & the irrigation pump set established by Floriculture Department for providing irrigation facilities to crops.	It is measured in terms of such devices installed in the field and operationalized.	
57	[8.13.2] No of Tube-wells/water harvesting tanks	The use of such improved devices/equipments and tanks for irrigation will fulfil the critical irrigation requirements of crops. and ensure higher production especially in the hilly and rainfed areas.	It is the number of tube-wells, shallow bore wells/ dug wells and water harvesting tanks established by Departments covered under agriculture sector for providing irrigation facilities to crops.	It is measured in terms of such devices installed in the field and operationalized.	
58	[8.13.3] No. of irrigation pump sets	The use of such improved devices/equipments for irrigation will fulfil the critical irrigation requirements of crops. And ensures higher production	It is the number of irrigation pump sets provided to farmers by Departments covered under agriculture sector for providing irrigation facilities to crops.	It is measured in terms of such devices installed in the field and operationalized.	

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Sl.No	Success indicator	Description	Definition	Measurement	General Comments
59	[8.13.4] Area under Drip irrigation	Drip irrigation is applied to plants through specifically designed irrigation system to supply water in regulated manner from the source of supply by pumps or gravity.	Drip irrigation is used in widely spaced crops to provided irrigation in the root zone of plants at specific plant to plant and road to road distances	It is measured in terms of hectares of area covered under the drip system during the year	
60	[8.13.5] Area under Sprinkler irrigation	Sprinkler irrigation is applied to plants through a system specifically designed to supply irrigation water in regulated manner from the source of supply by pumps.	Sprinkler irrigation is used in both widely as well as narrow spaced crops to provided irrigation through Sprinklers.It is applied to the foliar parts and creates humid environment in the cropped area.	It is measured in terms of hectares of area covered under the drip system during the year	
61	[8.13.6] Area covered under Field Channel	Properly Planned aligned and designed Field Channels are constructed after extensive survey of the area.	Properly designed and lined Field Channels prevent seepage losses and improve water use efficiency.	It is measured in terms of hectares of area covered by construction of field channels.	
62	[8.13.7] Area covered under Field Drain	Field Drains are constructed to drain out excess water from the field for increasing production and land capability.	Field Drains in the water logged areas and fields are temporary earthen structures/ drainage channels constructed at vulnerable points to prevent water stagnation.	It is measured in terms of hectares of area covered under field drains.	

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Sl.No	Success indicator	Description	Definition	Measurement	General Comments
63	[8.13.8] Increase in cropping intensity	In order to promote crop diversification for economic upliftment of farming community, the department will promote intensive cultivation of short duration crop varieties thereby facilitating cultivation of more than one crop per unit area which will give the measure of cropping intensity.	Cropping intensity is given in terms of percentage of the number of crops grown in succession over a particular piece of land during one year.	It is measured as percentage of gross sown area over the net sown area during one year.	
64	[9.1.1] Strengthening of soil Testing Laboratory/MSTV	To make the agriculture environmentally sustainable and Farmer friendly, the management of soil health is of paramount importance. This can be achieved by strengthening soil testing facilities in the state.	Stationery and mobile soil Testing Laboratory/MSTV are strengthened through provision of required machines, equipments, manpower, and other analysis facilities.	It s measured in terms of number of soil testing labs established and strengthened during the year	
65	[9.1.2] Establishment of Vermi-Compost Units	Management of soil health is of paramount importance. This can be achieved by motivating the farmers to produce vermin compost units in their fields and apply the compost to their crops to improve the soil fertility status of their fields.	The intervention is to establish maximum possible standard Vermi-Compost Units to provide enriched organic manure through specific earthworm species.	It is measured in terms of number of standard Vermi-Compost Units established in the state.	
66	[9.1.3] Organic Farming	This can be achieved by motivating the farmers to shift to organic farming and to avoid excessive application of fertilizers/pesticides through adoption and certification of	It is the adoption and certification of organic farming programme in specific areas as per National Programme of Organic Production.	It is measured in terms of area taken up under the adoption and certification of organic farming programme.	

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Sl.No	Success indicator	Description	Definition	Measurement	General Comments
66	[9.1.3] Organic Farming	organic production practices.	It is the adoption and certification of organic farming programme in specific areas as per National Programme of Organic Production.	It is measured in terms of area taken up under the adoption and certification of organic farming programme.	
67	[9.1.4] Development / commissioning of Soil Fertility maps for the Rural Development Blocks	Soil Fertility Maps are required to serve as ready reckoner for adoption of recommended fertilizer doses to crops on basis of results of soil analysis carried out in different soil testing laboratories and through scientific surveys in the field	Soil Fertility maps developed for identified blocks will help the farmers in adoption of recommended fertilizer dosed for achieving higher production and productivity.	It is measured in terms of no. of blocks for which the soil fertility maps have been developed during the year.	
68	[9.1.5] Soil Health Cards	To make the agriculture environmentally sustainable and Farmer friendly, the management of soil health is of paramount importance. This can be achieved by motivating the farmers to avoid excessive or under application of fertilizers by analyzing the soil samples for fertility and providing them the Soil Health Cards to take-up measures to improve the soil fertility status of their fields.	Soil Health Cards are provided to farmers on basis of analysis of soil samples to take-up measures to improve the soil fertility status of their fields.	It is measured in terms of SHCs distributed in the State during the year.	

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Sl.No	Success indicator	Description	Definition	Measurement	General Comments
69	[9.2.1] Rotation of Cereal-Cereal based cropping system with Pulses, vegetables, potato, fodder, Oilseeds, aromatic-medicinal crop.	It refers to rotating the soil nutrient depleting and exhaustive crops with fertility restoring crops in a cropping system.	Crop rotation is promoted to include soil replenishing / fertility restoring and high value crops in the cropping system to eliminate deleterious effects of mono-cropping.	It is measured in terms of area brought under crop rotation during the year in the State	
70	[9.3.1] Area coverage under the valuable rare Traditional crops and cultivars	J&K State is blessed with some high value, locally adapted and commercially important indigenous crops and local cultivars like Rajmash, basmati rice of R.S.Pura, Garlic (Ganthia thom), kulth pulse, etc.	Revival of high value locally adapted and commercially important indigenous crops in selected areas and clusters is being adopted for the sustainability and economic viability of agriculture in the region..	It is measured in terms of area brought under rare traditional crops and cultivars during the year in the State	
71	[10.2.1] Establishment of silk reeling, units	Silk reeling & twisting units are the basic components of Silk worm sector for value addition.	These are the basic units for Consumption of cocoons within the state.	It is measured in terms of the number of new units of reeling, twisting established..	
72	[10.2.2] Establishment of silk twisting unit	Silk reeling & twisting units are the basic components of Silk worm sector for value addition.	These are the basic units for Consumption of cocoons within the state.	It is measured in terms of the number of new units of reeling, twisting established..	

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Sl.No	Success indicator	Description	Definition	Measurement	General Comments
73	[10.3.1] Establishment of Mushroom Units (100 Trays each)	To diversify cropping system to adopt different and additional sources of crop production and economic returns, department is providing assistance to farmers for establishment of Mushroom Units.	Establishment of Mushroom Units (100 Trays each) besides other facilities are being promoted by the Department..	It is measured in terms of number of Mushroom Units (100 Trays each) established during the year in the State.	
74	[10.4.1] Establishment of Apiculture Units (of 10 Colonies each)	To diversify cropping system to adopt different and additional sources of crop production and economic returns, department is providing assistance to farmers for Establishment of Apiculture Units.	To diversify cropping system to adopt different and additional sources of crop production and economic returns, department is providing assistance to farmers for Establishment of Apiculture Units (of 10 Colonies each)besides other facilities.	It is measured in terms of Establishment of Apiculture Units (of 10 Colonies each) during the year	
75	[10.5.1] Planting of high yield varieties of marigold cosmos gladiolus etc	The department is providing incentives in shape of subsidy to the progressive growers in order to uplift their economic condition under different CSS.	Commercial floriculture is being promoted through interventions in high value flower crops and export of dry flowers is also envisaged.	It is measured in terms of area coverage under such floriculture crops during the year.	
76	[10.6.1] Area expansion under Cumin, Coriander, fennel and other spices, condiments etc.	The department is providing incentives in shape of subsidy to the progressive growers in order to upliftment of their economic conditions.	The department is providing incentives in shape of subsidy to the progressive growers in order to upliftment of their economic condition through interventions in	It is measured in terms of area coverage under such crops during the year.	

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

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
76	[10.6.1] Area expansion under Cumin, Coriander, fennel and other spices, condiments etc.	The department is providing incentives in shape of subsidy to the progressive growers in order to upliftment of their economic conditions.	high value spices and condiments.	It is measured in terms of area coverage under such crops during the year.	
77	[11.1.1] Area Treated through Soil Conservation including Water Shed Management & Reclaiming cultivable wastelands	Area Treated through Soil Conservation including Water Shed Management & Reclaiming cultivable wastelands	Area Treated by the department through Soil Conservation including Water Shed Management & Reclaiming cultivable wastelands to check erosion and tap rain water and reclaim saline/ alkaline soils for cultivation purposes.	It is measured in terms of arable and non-arable area treated by the Department in the State during the year.	
78	[11.1.2] Integrated Farming Systems Approach adopted	Integrated Farming System Model involving cropping system, horticulture, animal husbandry, fisheries, etc. is ecologically the most viable and sustainable farming system.	It is envisaged to adopt such models in selected clusters/ compact areas initially and to multiply the models subsequently .	It is measured in terms of area coverage under such system during the year in convergence with related departments.	
79	[12.1.1] Maintenance & up gradation of existing gardens/ parks.	Maintenance of existing gardens/ parks by way of repairs of lawns path toilet blocks water channel and plantation.	The department is striving hard to provide pollution free environment/recreational facilities to attract more & more tourists/ visitors by way of maintaining existing parks and developing new ones	It is measured in terms of percentage of development works completed during the year by the department in the State.	

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Sl.No	Success indicator	Description	Definition	Measurement	General Comments
79	[12.1.1] Maintenance & up gradation of existing gardens/ parks.	Maintenance of existing gardens/ parks by way of repairs of lawns path toilet blocks water channel and plantation.	especially in urban areas so that the people may get respite from day to day hectic life.	It is measured in terms of percentage of development works completed during the year by the department in the State.	
80	[12.1.2] Development of new gardens, parks/recreation places.	Addition of new infrastructure in existing gardens/parks such as toilet blocks, mali's hut, drinking water points, viewpoints etc in existing gardens/parks	The department is striving hard to provide pollution free environment/recreational facilities to attract more & more tourists/ visitors by way of maintaining existing parks and developing new ones especially in urban areas so that the people may get respite from day to day hectic life.	It is measured in terms of percentage of development works completed during the year by the department in the State.	
81	[12.1.3] Maintenance & development of existing heritage gardens.	Dev. by way of landscaping laying of paths irrigation system water sources water channel/fountains fencing etc.	The department is striving hard to provide pollution free environment/recreational facilities to attract more & more tourists/ visitors by way of maintaining existing parks and developing new ones especially in urban areas so that the people may get respite from day to	It is measured in terms of percentage of development works completed during the year by the department in the State	

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Sl.No	Success indicator	Description	Definition	Measurement	General Comments
81	[12.1.3] Maintenance & development of existing heritage gardens.	Dev. by way of landscaping laying of paths irrigation system water sources water channel/fountains fencing etc.	day hectic life	It is measured in terms of percentage of development works completed during the year by the department in the State	

Section 5 : Specific Performance Requirements from other Departments

Location Type	State	Organisation Type	Organisation Name	Relevant Success Indicator	What is your requirement from this organisation	Justification for this requirement	Please quantify your requirement from this Organisation	What happens if your requirement is not met.
State Government	J & K	Departments	Mechanical Irrigation	[8.13.1] Nos. of bore wells including pump sets (for floriculture). [8.13.2] No of Tube-wells/water harvesting tanks	Exploration & Exploitation of Ground Water Resource is mainly the mandate of Mechanical Irrigation Department & need of farmers. Providing facilities for harnessing of ground water to construct bore-well, tube-well within 4 (four) months shall facilitate the programme.	Availability of irrigation facility is critical at various stages of crop growth for sustainable production	Need based	Declined crop production
			Department of Planning & Development	Demonstration on Crops	Timely vetting of Plan & release of sufficient funds Ist. 25% by April 10th. IInd. 50% by end July. In case funds are not released in time, authorization should be given for implementation of plan	Agriculture being a life science where crops have a specific growing season and a specific but short life span, delay in approval of plans & allocation of funds adversely affects the production prospects.	Based on the action plans proposed under various development schemes	Once the time for application of a specific input or technology is over & approval/ funds are not provided in time, the targets set for the year shall not be achieved.

Section 5 : Specific Performance Requirements from other Departments

Location Type	State	Organisation Type	Organisation Name	Relevant Success Indicator	What is your requirement from this organisation	Justification for this requirement	Please quantify your requirement from this Organisation	What happens if your requirement is not met.
				Exposure Visits (Agriculture) Training, Exposure visits, organized within District, Within State and outside state (Floriculture). Training Courses in WUE/ CAD [4.2.1] Distribution of Polygreen Houses [4.2.2] Planting of high value crops such as lillium, tulips gerberas etc. (cut flowers) under Polygreen Houses [5.2.1] Census of farming families completed [6.2.1] Service Providing Agencies, FPOs/ Commodity Interest Groups/ Farmers' Interest Groups involved [7.1.1] Number of Major Thematic Areas and Schemes				

Section 5 : Specific Performance Requirements from other Departments

Location Type	State	Organisation Type	Organisation Name	Relevant Success Indicator	What is your requirement from this organisation	Justification for this requirement	Please quantify your requirement from this Organisation	What happens if your requirement is not met.
				Monitored & Evaluated [8.4.1] Distribution of HYV Paddy [8.4.2] Distribution of HYV Maize [8.4.3] Distribution of HYV Wheat [8.4.4] Distribution of HYV Oilseed [8.4.5] Distribution of HYV Pulses [8.4.6] Distribution of HYV Fodder [8.4.7] Distribution of HYV Potato [8.4.8] Distribution of Hybrid veg. seeds [8.11.1] Area Coverage under INM & IPM [8.12.2] Popularizing latest improved machines like laser levelers, reaper/binders etc. through Custom Hire Services run by Coops/ Agri Business				

Section 5 : Specific Performance Requirements from other Departments

Location Type	State	Organisation Type	Organisation Name	Relevant Success Indicator	What is your requirement from this organisation	Justification for this requirement	Please quantify your requirement from this Organisation	What happens if your requirement is not met.
				Centres/ SHGs etc. [8.12.3] Promoting Power Driven Machinery [8.12.4] Promoting Manually operated and Animal Drawn machinery [8.13.4] Area under Drip irrigation [8.13.5] Area under Sprinkler irrigation [9.1.1] Strengthening of soil Testing Laboratory/MSTV [9.1.2] Establishment of Vermi-Compost Units [9.1.3] Organic Farming [9.1.4] Development / commissioning of Soil Fertility maps for the Rural Development Blocks [9.1.5] Soil Health Cards [9.2.1] Rotation of Cereal-Cereal based				

Section 5 : Specific Performance Requirements from other Departments

Location Type	State	Organisation Type	Organisation Name	Relevant Success Indicator	What is your requirement from this organisation	Justification for this requirement	Please quantify your requirement from this Organisation	What happens if your requirement is not met.
				<p>cropping system with Pulses, vegetables, potato, fodder, Oilseeds, aromatic-medicinal crop.</p> <p>[9.3.1] Area coverage under the valuable rare Traditional crops and cultivars</p> <p>[10.2.2] Establishment of silk twisting unit</p> <p>[10.3.1] Establishment of Mushroom Units (100 Trays each)</p> <p>[10.4.1] Establishment of Apiculture Units (of 10 Colonies each)</p> <p>[10.5.1] Planting of high yield varieties of marigold cosmos gladiolus etc</p> <p>[10.6.1] Area expansion under Cumin, Coriander, fennel and other spices, condiments etc.</p>				

Section 5 : Specific Performance Requirements from other Departments

Location Type	State	Organisation Type	Organisation Name	Relevant Success Indicator	What is your requirement from this organisation	Justification for this requirement	Please quantify your requirement from this Organisation	What happens if your requirement is not met.
				[11.1.1] Area Treated through Soil Conservation including Water Shed Management & Reclaiming cultivable wastelands [11.1.3] Rainfed Area Dev. Model Implemented [12.1.1] Maintenance & up gradation of existing gardens/ parks. [12.1.2] Development of new gardens, parks/recreation places. [12.1.3] Maintenance & development of existing heritage gardens.				
			Department of Finance	Training/awareness camps organized/ Kissan Melas/FFS/ Exhibitions	Time of release of funds viz-a-viz the time of requirement. Approvals & allocation of funds should be well before the on-set of cropping season. Timely release of	Timely release of funds can ensure timely implementation of various schemes without any hindrance.		Agriculture will fall into the vicious circle of low level of capital investment-low inputs application-low production-low returns

Section 5 : Specific Performance Requirements from other Departments

Location Type	State	Organisation Type	Organisation Name	Relevant Success Indicator	What is your requirement from this organisation	Justification for this requirement	Please quantify your requirement from this Organisation	What happens if your requirement is not met.
			Department of Finance	Training/awareness camps organized/ Kissan Melas/FFS/ Exhibitions Demonstration on Crops Exposure Visits (Agriculture) Training, Exposure visits, organized within District, Within State and outside state (Floriculture). Training Courses in WUE/ CAD [4.2.1] Distribution of Polygreen Houses [4.2.2] Planting of high value crops such as lillium, tulips gerberas etc. (cut flowers) under Polygreen Houses	funds 25% by April 10th. 50% by end June for Jammu region 100% by end June for Valley and Temperate areas 100% by end September	Timely release of funds can ensure timely implementation of various schemes without any hindrance.		Agriculture will fall into the vicious circle of low level of capital investment-low inputs application-low production-low returns

Section 5 : Specific Performance Requirements from other Departments

Location Type	State	Organisation Type	Organisation Name	Relevant Success Indicator	What is your requirement from this organisation	Justification for this requirement	Please quantify your requirement from this Organisation	What happens if your requirement is not met.
				[4.2.3] Distributions of shade net house. (tubular) [5.2.1] Census of farming families completed [6.2.1] Service Providing Agencies, FPOs/ Commodity Interest Groups/ Farmers' Interest Groups involved [7.1.1] Number of Major Thematic Areas and Schemes Monitored & Evaluated [8.4.1] Distribution of HYV Paddy [8.4.2] Distribution of HYV Maize [8.4.3] Distribution of HYV Wheat [8.4.4] Distribution of HYV Oilseed [8.4.5] Distribution of HYV Pulses [8.4.6] Distribution of HYV Fodder				

Section 5 : Specific Performance Requirements from other Departments

Location Type	State	Organisation Type	Organisation Name	Relevant Success Indicator	What is your requirement from this organisation	Justification for this requirement	Please quantify your requirement from this Organisation	What happens if your requirement is not met.
				<p>[8.4.7] Distribution of HYV Potato</p> <p>[8.4.8] Distribution of Hybrid veg. seeds</p> <p>[8.10.1] Rejuvenation of Saffron</p> <p>[8.11.1] Area Coverage under INM & IPM</p> <p>[8.12.2] Popularizing latest improved machines like laser levelers, reaper/binders etc. through Custom Hire Services run by Coops/ Agri Business Centres/ SHGs etc.</p> <p>[8.12.3] Promoting Power Driven Machinery</p> <p>[8.12.4] Promoting Manually operated and Animal Drawn machinery</p> <p>[8.13.4] Area under Drip irrigation</p> <p>[8.13.5] Area under Sprinkler irrigation</p>				

Section 5 : Specific Performance Requirements from other Departments

Location Type	State	Organisation Type	Organisation Name	Relevant Success Indicator	What is your requirement from this organisation	Justification for this requirement	Please quantify your requirement from this Organisation	What happens if your requirement is not met.
				[9.1.1] Strengthening of soil Testing Laboratory/MSTV [9.1.2] Establishment of Vermi-Compost Units [9.1.3] Organic Farming [9.1.4] Development / commissioning of Soil Fertility maps for the Rural Development Blocks [9.1.5] Soil Health Cards [9.2.1] Rotation of Cereal-Cereal based cropping system with Pulses, vegetables, potato, fodder, Oilseeds, aromatic-medicinal crop. [10.2.2] Establishment of silk twisting unit [10.3.1] Establishment of Mushroom Units (100 Trays each) [10.4.1] Establishment of				

Section 5 : Specific Performance Requirements from other Departments

Location Type	State	Organisation Type	Organisation Name	Relevant Success Indicator	What is your requirement from this organisation	Justification for this requirement	Please quantify your requirement from this Organisation	What happens if your requirement is not met.
				<p>Apiculture Units (of 10 Colonies each)</p> <p>[10.5.1] Planting of high yield varieties of marigold cosmos gladiolus etc</p> <p>[10.6.1] Area expansion under Cumin, Coriander, fennel and other spices, condiments etc.</p> <p>[11.1.1] Area Treated through Soil Conservation including Water Shed Management & Reclaiming cultivable wastelands</p> <p>[11.1.3] Rainfed Area Dev. Model Implemented</p> <p>[12.1.1] Maintenance & up gradation of existing gardens/ parks.</p> <p>[12.1.2] Development of new gardens, parks/recreation places.</p>				

Section 5 : Specific Performance Requirements from other Departments

Location Type	State	Organisation Type	Organisation Name	Relevant Success Indicator	What is your requirement from this organisation	Justification for this requirement	Please quantify your requirement from this Organisation	What happens if your requirement is not met.
				[12.1.3] Maintenance & development of existing heritage gardens.				
			Banks	<p>[5.1.1] KCCs Issued/ Farming families Covered</p> <p>[5.1.2] Credit (Crop Loan) Extended to farmers</p> <p>[4.2.4] Coverage of farmers under agriculture insurance schemes against natural calamities /disasters</p>	<p>Credit for Investment</p> <p>Timely coverage of Farmers under crop insurance by the Banks, Furnishing of Crop yield estimates by Revenue Department to Agriculture Insurance Company (ies)</p>	<p>Issuance of KCCs has been given a very high priority by the government.</p> <p>Entertaining of application forms from farmers by banks for coverage of farmers under Crop Insurance & timely processing of cases is the mandate of Banks. Furnishing of Crop yield estimates by to Agriculture Insurance Company (ies) is the mandate of Revenue Department</p>	<p>Need based as per proposals by farmers.</p> <p>Adherence to schedule in accordance with Notification issued by Agriculture Production Department for relevant crop season</p>	<p>Farmers will continue to suffer on account of natural calamities.</p>
			Department of Revenue & Relief	<p>[5.1.1] KCCs Issued/ Farming families Covered</p> <p>[5.1.2] Credit (Crop Loan) Extended to farmers</p>	<p>Credit for Investment</p>	<p>Issuance of KCCs has been given a very high priority by the government</p>	<p>Need based as per proposals by farmers.</p>	<p>Agriculture will fall into the vicious circle of low level of capital investment-low inputs application-low production-low returns</p>

Section 5 : Specific Performance Requirements from other Departments

Location Type	State	Organisation Type	Organisation Name	Relevant Success Indicator	What is your requirement from this organisation	Justification for this requirement	Please quantify your requirement from this Organisation	What happens if your requirement is not met.
				[4.2.4] Coverage of farmers under agriculture insurance schemes against natural calamities /disasters	Timely coverage of Farmers under crop insurance by the Banks, Furnishing of Crop yield estimates by Revenue Department to Agriculture Insurance Company (ies)	Entertaining of application forms from farmers by banks for coverage of farmers under Crop Insurance & timely processing of cases is the mandate of Banks. Furnishing of Crop yield estimates by to Agriculture Insurance Company (ies) is the mandate of Revenue Department	Adherence to schedule in accordance with Notification issued by Agriculture Production Department for relevant crop season	Farmers will continue to suffer on account of natural calamities
			Department of PHE/ I& FC	[8.1.1] Increase in productivity of Paddy [8.1.2] Increase in productivity of Wheat [8.1.3] Increase in productivity of Maize	Timely & quick completion of works in hand. Completion of desilting between 15 January to 15 February and provide knowledge of irrigation potential created within 15 days of formal request. Building mechanism for capacity utilization of irrigation channels from head to tail ends	Provision of irrigation facilities is very essential for successful crop production management	Need based; As per action plan	The farmers will continue to suffer because of non-realization of production/ yield potential.

Section 5 : Specific Performance Requirements from other Departments

Location Type	State	Organisation Type	Organisation Name	Relevant Success Indicator	What is your requirement from this organisation	Justification for this requirement	Please quantify your requirement from this Organisation	What happens if your requirement is not met.
				[8.1.4] Increase in productivity of Oilseeds [8.1.5] Increase in productivity of Pulses				
			Central Ground Water Board	[8.13.1] Nos. of bore wells including pump sets (for floriculture).	The feasibility reports for various irrigation works furnished. Early consideration of the proposals and to convey feasibility in this regard within 15 days.	The Board is a well equipped organization for the purpose capable of providing information regarding feasibility of ground water resources in the area.		The farmers will continue to suffer
			Department of Power Dev.	[8.13.1] Nos. of bore wells including pump sets (for floriculture). [8.13.2] No of Tube-wells/water harvesting tanks [8.13.3] No. of irrigation pump sets	Electricity connections for Pumpsets and bore wells within 15 days of installation. No power cuts for agriculture sector	The irrigation pumpsets run on electric power need regular uninterrupted power supply at critical irrigation stages for meeting the total requirement of fields	Need based	Functional & operational problems will arise.
			Department of Rural Development	[6.3.1] Number of PRIs involved in development of Farm Production Plans and identification of beneficiaries	Pro-active participation in Departmental Programmes, Timely proposal of Beneficiary lists of	Departmental programmes can be adequately publicized by the local panchayats & their smooth implementation can be facilitated.		The support from local population for implementation of schemes of their welfare will not be properly implemented.

Section 5 : Specific Performance Requirements from other Departments

Location Type	State	Organisation Type	Organisation Name	Relevant Success Indicator	What is your requirement from this organisation	Justification for this requirement	Please quantify your requirement from this Organisation	What happens if your requirement is not met.
			Department of Rural Development	[6.3.1] Number of PRIs involved in development of Farm Production Plans and identification of beneficiaries	different Beneficiary oriented activities within 15 days of request letter.	Departmental programmes can be adequately publicized by the local panchayats & their smooth implementation can be facilitated.		The support from local population for implementation of schemes of their welfare will not be properly implemented.
			SKUAST/ ICAR	<p>New Technologies developed that enhance crop production & productivity</p> <p>New technologies developed that minimize crop losses due to pests</p> <p>Other new post harvest technologies developed</p>	<p>New improved climate resilient, disease & pest resistant varieties of crops, Production recommendations and improved technology for use of INM, IPM, machinery and equipments, integrated farming systems and PHM practices. Updated production recommendations /Package of Practices by January every year.</p>	<p>Obsolete practices need replacement as old ones result in decline in quality, production, yield and remuneration</p>		Decline in production and enviro-economic viability

Section 5 : Specific Performance Requirements from other Departments

Location Type	State	Organisation Type	Organisation Name	Relevant Success Indicator	What is your requirement from this organisation	Justification for this requirement	Please quantify your requirement from this Organisation	What happens if your requirement is not met.
				[8.12.1] Studies and recommendations made by SAUs on Area Specific new farm machinery				
			Department of Law, Justice & Parliamentary affairs	[3.4.1] Court cases settled during the year	Timely disposal of cases	Prolonged periods in disposal of cases stays action by departments		Prolonged periods in disposal of cases stays action by departments
			JK PSC/ JK SSRB	[3.2.1] Periodic Holding of DPC of Gazetted Staff [3.2.2] Periodic Holding of DPC of Non-Gazetted Staff [3.2.3] Seniority List issued [3.3.1] Increase in Number of filled posts	Timely Filling up of vacant posts within 6 months of reference to the Commission / Board, promotions to eligible officers/ officials, holding of DPCs.	Schemes can't be implemented effectively in the dearth of required staff.		Schemes can't be implemented effectively for want of requisite staff

Section 6: Outcome/Impact of Department/Ministry

Outcome/Impact of Department/Ministry	Jointly responsible for influencing this outcome / impact with the following department (s) / ministry(ies)	Success Indicator	Unit	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16
1 Increase in production of food grain crops	SKUAST-J/K	Increase in Production	lakh tonnes	15.87	19.38	19	20	20.50
2 Increasing cropping intensity	University/research institutions	Increase in Cropping Intensity	%	173.5	175	176	178	180
3 Increase in productivity	University/research institutions/ Fertilizer supplies/Irrigation	Productivity of crops(Rice)	(Qtls/Hect.)	20.87	21.25	21.50	22	22.25
		Productivity of crops (Maize)	(Qtls/Hect.)	16.08	18.20	19	19.50	20
		Productivity of crops Wheat	(Qtls/Hect.)	16.879	18	18.25	19	19.50
		productivity of crops, Pulses	(Qtls/Hect.)	5.14	6	6.40	6.75	7
		Productivity of crops, Oilseeds	(Qtls/Hect.)	8.26	8.40	8.65	9.00	9.25
4 Increase in productivity	SKUAST-K/J	Productivity of Crops, flowers	Qtls/Ha.	15	20	30	40	40
5 Cocoon crop productions.	Central Silk Board Govt. of India, Planning & Finance Department.	Total Production	M.T	917	950	1000	1040	1090
6 Productivity (yield per-ounce of silkworm seed)..	Central Silk Board Govt. of India, Planning & Finance Department.	Increase in yield Per-ounce of silkworm seed	yield per-ounce	33.71	35	35.09	35.86	36
7 Farmers attracted towards commercial floriculture	SKUAST-K/J,	Area covered under floriculture	Ha.	245.75				
8 Employment generation	Industries Department	No. of persons who will find employment on full time basis	Nos	301	350	400	450	500

Section 6: Outcome/Impact of Department/Ministry

Outcome/Impact of Department/Ministry	Jointly responsible for influencing this outcome / impact with the following department (s) / ministry(ies)	Success Indicator	Unit	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16
9 Credit flow to agriculture sector	Revenue/ Banks	Rs. In lakhs sanctioned & disbursed	Rs. in	1697	7928	9950	9990	10000