

Convergence for providing technological inputs to NREGA and SGSY by KVKs of Zone-VI

By

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KVKs selected under NREGA and SGSY convergence pilot project

Sl. No.	State	KVK District
1.	Rajasthan	Hanumangarh
2.		Sikar
3.		Jalore
4.		Ajmer
5.		Dungarpur
6	Gujarat	Dangs
7.		Dahod

Description of Agro-climatic feature of selected KVKs

KVK District	Agro-climatic zone	Rain fall (mm)	Climate	Soil
Hanumangarh	Ia. Irrigated north western plains	100-130	Arid	Aridsol, Entisol
Sikar	Ila. Transitional plain of inland drainage.	300-500	Semi arid	-do-
Jalore	II b. Transitional plain of Luni basin	300-500	-do-	Aridsol, Entisol, Hiss and inceptisols
Ajmer	III a. Semi arid eastern plain	500-700	-do-	Entisols and alluvium soil
Dungarpur	IV b. Humid southern plain	525-1000	Humid	Vertisols, Alfisols and hills
Dangs	South Gujarat Heavy rainfall	1500-2000	Sub humid semi arid	Deep black, coastal alluvium, hilly
Dahod	Middle Gujarat	800-1000	Semi arid	Medium black, sandy loam, clay loam and clay

Infrastructure in selected KVKs

KVK District	Estd. in year	Rain water harvesting structure	Soil and water testing lab	Demo Units
Hanumangarh	1993	No	Yes	Fisheries
Sikar	1976	Yes	Yes	Fisheries and orchard
Jalore	1985	Yes	Yes	Orchard and nursery
Ajmer	1992	Yes	Yes	Progeny orchard and ornamental nursery
Dungarpur	1992	Yes	Yes	Dairy and Goat Unit
Dangs	1983	No	Yes	Food processing
Dahod	1985	Yes	Yes	Nursery and Dairy Unit

Technology available in selected KVKs

KVK District	Technology
Hanumangarh	Vericompost, improved rearing practices of goats, cattle and pig, poultry, production of planting material of vegetables and fruits, beekeeping and seed production.
Sikar	Rainwater harvesting, vermicompost, fishery, seed production, nursery raising of arid fruits, and vegetables, improved rearing practices of goat and cattle.
Jalore	Seed production of spices, and production of planting material of arid fruits, and agro-forestry
Ajmer	Rainwater harvesting, protective cultivation, cultivation of arid fruit (ber, amla and pomegranate), production of planting materials of vegetables and fruits, establishment of progeny orchard, azolla production, improved rearing practices of cow, buffalo and goats, and poultry.

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Technology available in selected KVKs

KVK District	Technology
Dungarpur	Rainwater harvesting, vermicompost, cultivation of arid fruits, improved rearing practices of goats and cattle, backyard poultry, production of planting materials of vegetable and fruit crops and seed production.
Dangs	Vermicompost, micro irrigation, crop production and management of paddy, ragi, wheat and sunhemp, improved rearing practices of goat and cow, poultry, cultivation of mango and cashewnut, and nursery raising of vegetables and mango
Dahod	Rainwater harvesting, drip irrigation, vermicopost, buffalo rearing, crop production and management (soybean, maize, paddy, arhar and gram) and poultry

Expertise available in selected KVKs

KVK District	Expertise
Hanumangarh	Animal Production and Management, Crop Production, Plant Protection, Horticulture, Home Science and Fisheries.
Sikar	Animal Production and Management, Crop Production, Plant Protection, Horticulture and Home Science.
Jalore	Crop production, Horticulture and Extension Education.
Ajmer	Animal Production and Management, Crop Production, Plant Protection, Horticulture, Home Science and Extension Education.
Dungarpur	Animal Production and Management, Crop Production, Plant Protection, Horticulture, Home Science and Extension Education.
Dangs	Animal Production and Management, Crop Production, Plant Protection, Plant Breeding, Horticulture and Extension Education.
Dahod	Animal Production and Management, Plant Protection, Horticulture, Extension Education and Agril. Engineering.

Action Plan for Providing Technical inputs for convergence in selected KVKs

KVK District	Area of convergence identified	Activity	Budget (Rs. In lacs)
Hanumangarh	Technical expertise for enhancing quality in NREGA	1.Plantation of Eucalyptus in water logged cultivated land in Rawatsar Tehsil - 15 hectare area	24.11
		2.Weed control in public amenities areas like parks, residential colonies and orchards.	Submitted to Zilla Parishad for approval
	Technical expertise for appropriate choice of work in SGSY	Laser Land Leveler for Farmers Demonstrations for self employment through Self Help Groups	3.80

Action Plan for Providing Technical inputs for convergence in selected KVKs

KVK District	Area of convergence identified	Activity	Budget (Rs. In lacs)
Sikar	1. NREGA project with Technical assistance of KVK – 12 works (District level)	Farm pond	800.00
		Farm fencing	884.00
		Waste land development	285.00
		Plantation for wind break	54.00
		Threshing floor with tripal	96.00
		Sheep and goats	1200.00

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Action Plan for Providing Technical inputs for convergence in selected KVKs

KVK District	Area of convergence identified	Activity	Budget (Rs. In lacs)
Sikar		Community shed for cattle	750.00
		Agro-forestry	340.00
		Storage godown for Agril.	900.00
		Compost pit	80.00
		Eradication of weeds and dispose off	2890.00
		Orchard unit with drip set vermi compost unit and bird net	600.00
		Technological activity	10.00
		Training	10.00
		Total	8889.00

Action Plan for Providing Technical inputs for convergence in selected KVKs

KVK District	Area of convergence identified	Activity	Budget (Rs. In lacs)
Sikar	2. NREGA project with KVK assistance - at KVK site -10 works	Land reclamation	46.00
		Rain water harvesting structure (tanka)	10.00
		Tree plantation	4.00
		Composting unit	2.60
		Net fencing	13.00
		Shed for treshing floor	0.40

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Action Plan for Providing Technical inputs for convergence in selected KVKs

KVK District	Area of convergence identified	Activity	Budget (Rs. In lacs)
Sikar		Reclamation of fisheries pond	5.00
		Mega nursery	25.00
		Green house	6.50
		Bird net fencing	1.00
		Field crop demo - 1000	10.00
		Orchard demo with drip system - 200	120.00
		Training of NREGA technical staff - 100	10.00
		Total	253.40
		Total 1 + 2	9142.40

Action Plan for Providing Technical inputs for convergence in selected KVKs

KVK District	Area of convergence identified	Activity	Budget (Rs. In lacs)
Jalore	Technological assistance under NREGA project	Training – 34 programme – 1030 participants	4.06
		Exposure visits – 2, participants – 100	0.90
		Demonstrations on crops, livestock and other enterprises – 50	1.00
		Total	5.96

Action Plan for Providing Technical inputs for convergence in selected KVKs

KVK District	Area of convergence identified	Activity	Budget (Rs. In lacs)
Ajmer		No convergence taken place	-

Action Plan for Providing Technical inputs for convergence in selected KVKs

KVK District	Area of convergence identified	Activity	Budget (Rs. In lacs)
Dungarpur	Technological assistance under NREGA project	Trainings - on and off campus of 3 to 10 days duration – 6 each for 25-30 participants	3.14
		Demonstrations – 4 (Drip Irrigation, vermicompost, orchard, vegetables)	2.00
		Exposure visits – 2 (in state and outside the state)	1.50
		Total	6.64

Action Plan for Providing Technical inputs for convergence in selected KVKs

KVK District	Area of convergence identified	Activity	Budget (Rs. In lacs)
Dangs	Learning and capacity building	17 – Trainings	Programme is to be finalized by District Authorities.
	Exposure visit	One	

Action Plan for Providing Technical inputs for convergence in selected KVKs

KVK District	Area of convergence identified	Activity	Budget (Rs. In lacs)
Dahod	Technological assistance under NREGA project	Training and exposure visits need based Crop production and animal husbandry (10 trainings for each 30 participants)	1.27
		Demonstration : Crop Husbandry – 236 demos + Animal Husbandry – 1175 animals buffaloes + 500 poultry	8.75
		Total	10.02

Summery of Budget

KVK District	Area of convergence identified	Budget (Rs. In lacs)
Hanumangarh	1. NREGA Project with technical expertise for quality enhancing	24.11
	2. SGSY project – Technical expertise for appropriate choice of work in a particular area	3.80
	Total	27.91
Sikar	1. NREGA project with KVK assistance – 12 works at District level	8889.00
	2. NREGA project with KVK assistance - at KVK site -10 works	253.40
	Total	9142.40

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Summer of Budget contd...

KVK District	Area of convergence identified	Budget (Rs. In lacs)
Jalore*	Technological activities under NREGA project	5.96
Ajmer*	No convergence	NIL
Dungarpur*	Technical activity	6.64
Dangs*	No convergence	NIL
Dahod*	Technological activities under NREGA project	10.02
	Total	9132.93

* KVKs proposed but programmes with district authorities is to be finalized.

CONSTRAINTS

- Lack of orientation about NREGA and SGSY programmes
- Lack of interface among implementing institutions
- KVKs are not much conversant with the convergence guidelines.
- Lack of forging linkage with line departments like DRDA, Animal Husbandry, Forest, Soil and Water Conservation, fishery etc., except Agriculture and Horticulture.
- Lack of time with district development for NREGA as being involved in conductance of election and other works.

Thanks