

LIVESTOCK EXPERIMENT STATION, KHIZERABAD, DISTRICT SARGODHA

LOCATION

270 km for Lahore.

OBJECTIVES

- i) Conservation and Propagation of Sahiwal / Kajli breeds of cattle and sheep.
- iii) Production of candidate bull calves / quality rams.

AREA & ITS DISTRIBUTION (Acres)

Total Area	Total Cultivable Area	Total Un-Cultivable Area	Cultivable waste area
7669	7434	235	122

LIVESTOCK STRENGTH MAINTAINED (TOTAL HEADS)

SAHIWAL CATTLE	KAJLI SHEEP
901	1328

TOPOGRAPHY OF FARM

SOIL:	SUB SOIL WATER	Irrigation Source	AV. TEMPERATURE	RAIN FALL
Loam	Marginally fit for irrigation	Canal Water + Tubewell	Winter: 5°C to 23°C Summer: 25°C to 49°C	30 mm

MACHINERY:

Tractors:	Tubewells Total	Agri: Implements
12	5	38

SIZE OF BENEFICIARIES.

Region	Particulars	Population
Tehsil Sarghoda	Human	1081000
District Sargodha	Buffalo	687685
	Cattle	574887
	Sheep	134362
	Goat	587648

CULTURAL BACKGROUND.

Mostly the adjoining communities cater for animal and agricultural farming. They have local trends for their animal produce. This area is well known for citrus production, which is exported to other countries.

POTENTIAL FOR FUTURE INVESTMENT.

- This farm will be more suitable for the production of milk. About 6000 dairy cattle can be maintained at this station. Milk processing plant of appropriate capacity coupled with milk chilling facilities amongst the surrounding communities through milk collection system, leading to improved animal health, breeding and feeding services.
- The citrus export can be the second potential area for investment.

OFFER AT PART OF PUNJAB GOVERNMENT

- An area of 7669 acres of fertile land.
- Infrastructure available at the site.
- Agricultural Machinery, Tubewells/ Turbines along with Tractors.

INTERVENTION REQUIRED

- To organize the farm operations on scientific and commercial lines compatible to international standard.
- To link the farm produce with processing plants installed at the site for value addition.
- To bring the milk producer of area in marketing network of milk/ meat processing industry.

MODE OF COLLABORATION

- Joint Venture / Public – Private Partnership

LIVESTOCK EXPERIMENT STATION, *KHUSHAB*, DISTRICT KHUSHAB.

LOCATION

250 km from Lahore.

OBJECTIVES.

- i) Conservation and propagation of Nili- Ravi Buffalo and Kajli sheep.
- ii) Production of candidate bull calves and quality rams.

AREA & ITS DISTRIBUTION (Acres)

Total Area	Total Cultivable Area	Total Un-Cultivable Area	Cultivable waste area
968	900	68	20

LIVESTOCK STRENGTH MAINTAINED (TOTAL HEADS)

Buffalo	Kajli Sheep
600	444

TOPOGRAPHY OF FARM

SOIL:	QUALITY OF SUB SOIL WATER	Irrigation Source	AV. TEMPERATURE	RAIN FALL
Clay and Saline	Unfit for irrigation	Canal Water	Winter: 19°C to 29°C Summer: 25°C to 48°C	521 mm

MACHINERY:

Tractors:	Tubewells Total	Agri: Implements
9	3 (Peter)	29

SIZE OF BENEFICIARIES.

Region	Particulars	Population
Tehsil Khushab	Human	731000
District Khushab	Buffalo	168385
	Cattle	344971
	Sheep	167262
	Goat	529176

CULTURAL BACKGROUND.

Livestock keeping is common among the farming communities. They have local trends for their animal produce.

POTENTIAL FOR FUTURE INVESTMENT.

- This farm will be more suitable for the production of milk. About 2000 dairy buffalo / cattle can be maintained at this station. The milk produced can be marketed among the urbanites of Khushab and Joharabad. The twin cities of Rawalpindi and Islamabad can be the second potential market where milk can earn a reasonable price making the dairy farming profitable.

OFFER AT PART OF PUNJAB GOVERNMENT

- An area of 968 acres of fertile land.
- Infrastructure available at the site.
- Agricultural Machinery, Tubewells/ Turbines along with Tractors.

INTERVENTION REQUIRED

- To organize the farm operations on scientific and commercial lines compatible to international standard.
- To link the farm produce with processing plants installed at the site for value addition.
- To bring the milk producer of area in marketing network of milk/ meat processing industry.

MODE OF COLLABORATION

Joint Venture / Public – Private Partnership

LIVESTOCK EXPERIMENT STATION, *RAKH GHULAMAN*, DISTRICT BHAKKAR

LOCATION

360 km from Lahore.

OBJECTIVES.

- i) Conservation and propagation of Nili-Ravi , Crossbred, Thalli, Teddy and Beetal Breeds of Buffalo, Cattle, Sheep and goat
- ii) Production of candidate bull calves and quality Rams / Bucks.

AREA & ITS DISTRIBUTION (Acres)

Total Area	Total Cultivable Area	Total Un-Cultivable Area	Cultivable waste area
10273	8374	1899	1408

LIVESTOCK STRENGTH MAINTAINED (TOTAL HEADS)

Buffalo	Crossbred Cattle	Thalli Sheep	Teddy Goat	Beetal Goat
821	229	2214	468	192

TOPOGRAPHY OF FARM

SOIL:	SUB SOIL WATER	Irrigation Source	AV. TEMPERATURE	RAIN FALL
Sandy to Sandy loam	fit for irrigation	Canal Water + Tubewell	Winter: 6°C to 25°C Summer: 32°C to 51°C	352 mm

MACHINERY:

Tractors:	Tubewells Total	Agri: Implements
23	33	53

SIZE OF BENEFICIARIES.

Region	Particulars	Population
Tehsil Kallurkot	Human	223730
District Bhakkar	Buffalo	260788
	Cattle	538278
	Sheep	459540
	Goat	655774

CULTURAL BACKGROUND.

Mostly the adjoining communities cater for animal and agricultural farming. They have local trends for their animal produce. This area is well known for population of thalli sheep and gram production.

POTENTIAL FOR FUTURE INVESTMENT.

- This farm will be more suitable for the production of milk. About 7000 dairy cattle can be maintained at this station. Milk processing plant of appropriate capacity coupled with milk chilling facilities amongst the surrounding communities through milk collection system, leading to improved animal health, breeding and feeding services.
- Installation of a feed mill for production of composite ration to cater the farming communities of this area.

OFFER AT PART OF PUNJAB GOVERNMENT

- An area of 10273 acres of fertile land.
- Infrastructure available at the site.
- Agricultural Machinery, Tubewells/ Turbines along with Tractors.

INTERVENTION REQUIRED

- To organize the farm operations on scientific and commercial lines compatible to international standard.
- To link the farm produce with processing plants installed at the site for value addition.
- To bring the milk producer of area in marketing network of milk/ meat processing industry.

MODE OF COLLABORATION

Joint Venture / Public – Private Partnership

GOVERNMENT LIVESTOCK FARM, *KALLURKOT*, DISTRICT BHAKKAR

LOCATION

385 km form Lahore

OBJECTIVES

- iii) Conservation and propagation of Sahiwal and Thalli breed of Cattle and sheep.
- iv) Production of candidate bull calves / quality rams.

AREA & ITS DISTRIBUTION (Acres)

Total Area	Total Cultivable Area	Total Un-Cultivable Area	Cultivable waste area
3563	3474	89	--

LIVESTOCK STRENGTH MAINTAINED (TOTAL HEADS)

Sahiwal Cattle	Thalli Sheep
511	609

TOPOGRAPHY OF FARM

SOIL:	SUB SOIL WATER	Irrigation Source	AV. TEMPERATURE	RAIN FALL
Sandy to Sandy loam	fit for irrigation	Canal Water + Tubewell	Winter: 2°C to 30°C Summer: 33°C to 51°C	352 mm

MACHINERY:

Tractors:	Tubewells Total	Agri: Implements
9	11	45

SIZE OF BENEFICIARIES.

Region	Particulars	Population
Tehsil Kallurkot	Human	223730
District Bhakkar	Buffalo	260788
	Cattle	538278
	Sheep	459540
	Goat	655774

CULTURAL BACKGROUND.

Mostly the adjoining communities cater for animal and agricultural farming. They have local trends for their animal produce. This area is again well known for population of thalli sheep and gram production.

POTENTIAL FOR FUTURE INVESTMENT.

- This farm will be more suitable for the production of milk. About 3000 dairy cattle can be maintained at this station. Milk plant at Rakh Ghalaman can process milk produced here.
- The population of thali sheep in the area can meet the requirement of a modern abattoir of international standard.

OFFER AT PART OF PUNJAB GOVERNMENT

- An area of 3563 acres of fertile land.
- Infrastructure available at the site.
- Agricultural Machinery, Tubewells/ Turbines along with Tractors.

INTERVENTION REQUIRED

- To organize the farm operations on scientific and commercial lines compatible to international standard.
- To link the farm produce with processing plants installed at the site for value addition.
- To bring the milk producer of area in marketing network of milk/ meat processing industry.

MODE OF COLLABORATION

Joint Venture / Public – Private Partnership

Semen Production Unit Kallurkot District Bhakkar

Location

Unit is located at a distance of 350 k.m. from Lahore.

Venture

To maintain quality bulls for semen production.
Semen Processing, storage and supply of semen

Area (acres)

Total	Cultureable	Un-cultureable
367	302	65

Bulls maintained

Capacity	100
Maintained	74
No. of donor bulls	57
No. of semen doses produced (2007-08)	0.169 million

Type of Semen

Semen of Nili Ravi Buffalo and Sahiwal Cattle.

Quality of Semen

Good quality semen of Nili Ravi Buffalo and Shaiwal, Cholistani Cattle.

Net Worth Semen Produced

Rs. 220.000 Million

Interventions required

Regulatory framework for Certified Sale of Semen and quality breeding services is being formulated to motivate the private sector to establish semen production units and network of artificial insemination services. With the promulgation of these regulations, the existing Semen Production Unit will be converted into Research for Development Centre to improve the local non descript cattle.

On offer

Land and infrastructure

SEMEN PRODUCTION UNIT KALLURPOT DISTRICT BHAKKAR

Location

Unit is located at a distance of 350 k.m. from Lahore.

Total	Cultivable	Bulls Keeping Capacity	No. of Bulls maintained	No. of Donor Bulls	No. of Semen Dosses Produced 2007-08 (in million)
367 Acre	302 Acre	100	74	57	0.169

Type of Semen:

Semen of Nili Ravi Buffalo and Sahiwal Cattle.

Quality of Semen:

Good quality semen of Nili Ravi Buffalo and Sahiwal, Cholistani Cattle.

Net Worth Semen Produced

Rs. 220.000 Million

Possibility of Joint Venture:

Regulatory framework for Certified Sale of Semen and quality breeding services is being formulated to motivate the private sector to establish semen production units and network of artificial insemination services. With the promulgation of these regulations, the existing Semen Production Unit will be converted into Research for Development Centre to improve the local non descript cattle.

CAMEL BREEDING AND RESEARCH STATION, *RAKH MAHNI*, DISTRICT BHAKKAR

LOCATION

382 km from Lahore.

OBJECTIVES

- i. To maintain a herd of eighty breeding female camels along with their progeny.
- ii. To study the performance of camels through maintenance of production record in favour of individual animal.
- iii. To define limiting factors in the productivity and to overcome them through research devised means.
- iv. To identify different breeds of camel and to conduct research on their productive traits.
- v. To study the reproductive physiology of camel
- vi. To study the nutritional requirements of camel.

AREA & ITS DISTRIBUTION (Acres)

Total Area	Total Cultivable Area	Total Un-Cultivable Area	Cultivable waste area
9171	1495	7676	7576

LIVESTOCK STRENGTH MAINTAINED (TOTAL HEADS)

Tharri Cattle	Camel
65	98

TOPOGRAPHY OF FARM

SOIL:	SUB SOIL WATER	Irrigation Source	AV. TEMPERATURE	RAIN FALL
Sandy	Marginally fit for irrigation	Tubewell	Winter: 25°C to 35°C Summer: 22°C to 49°C	431 mm

MACHINERY:

Tractors:	Tubewells Total	Agri: Implements
8	9	29

SIZE OF BENEFICIARIES.

Region	Particulars	Population
Tehsil Mankera	Human	126070
District Bhakkar	Buffalo	260788
	Cattle	538278
	Sheep	459540
	Goat	655774

CULTURAL BACKGROUND.

Mostly the adjoining communities cater for animal and agricultural farming. They have local trends for their animal produce. This area is again well known for gram production and thalli sheep.

POTENTIAL FOR FUTURE INVESTMENT.

- This farm has a vast area of 9171 acres. About 7000 acres can be utilized for dairy farming. Although this area lacks in irrigation facilities at the moment but it would be having canal water in near future on the completion of Greater Thall canal.
- Initially 3000 dairy heads can be planned leading to a total strength of 7000 animals.
- An industrial unit can be installed for pulse production,

OFFER AT PART OF PUNJAB GOVERNMENT

- An area of 9171 acres of fertile land.
- Infrastructure available at the site.
- Agricultural Machinery, Tubewells/ Turbines along with Tractors.

INTERVENTION REQUIRED

- To organize the farm operations on scientific and commercial lines compatible to international standard.
- To link the farm produce with processing plants installed at the site for value addition.
- To bring the milk producer of area in marketing network of milk/ meat processing industry.

MODE OF COLLABORATION

Joint Venture / Public – Private Partnership

LIVESTOCK EXPERIMENT STATION, *FAZILPUR*, DISTRICT RAJANPUR

LOCATION

580 km from Lahore.

OBJECTIVES.

- i) Conservation and propagation of Sahiwal breed of cattle and Beetal Goat.
- ii) Production of candidate bull calves and quality bucks.

AREA & ITS DISTRIBUTION (Acres)

Total Area	Total Cultivable Area	Total Un-Cultivable Area	Cultivable waste area
2397	997	1400	-

LIVESTOCK STRENGTH MAINTAINED (TOTAL HEADS)

Sahiwal Cattle	Dajal Cattle	Beetal Goat
498	11	273

TOPOGRAPHY OF FARM

SOIL:	SUB SOIL WATER	Irrigation Source	AV. TEMPERATURE	RAIN FALL
Clay and Clay loam	fit for irrigation	Canal Water + Tubewell	Winter: 11°C to 18°C Summer: 15°C to 49°C	102 mm

MACHINERY:

Tractors:	Tubewells Total	Agri: Implements
6	12	17

SIZE OF BENEFICIARIES.

Region	Particulars	Population
District Rajanpur	Human	1104000
	Buffalo	200284
	Cattle	372299
	Sheep	391916
	Goat	633524

CULTURAL BACKGROUND.

Mostly the adjoining communities cater for animal and agricultural farming. They have local trends for their animal produce.

POTENTIAL FOR FUTURE INVESTMENT.

- This farm will be more suitable for the production of milk. About 3000 dairy cattle can be maintained at this station. Dairy farm with milk chilling vans for supply to Balochistan province can make the dairying a profitable business.

OFFER AT PART OF PUNJAB GOVERNMENT

- An area of 3500 acres of fertile land.
- Infrastructure available at the site.
- Agricultural Machinery, Tubewells/ Turbines along with Tractors.

INTERVENTION REQUIRED

- To organize the farm operations on scientific and commercial lines compatible to international standard.
- To link the farm produce with processing plants installed at the site for value addition.
- To bring the milk producer of area in marketing network of milk/ meat processing industry.

MODE OF COLLABORATION

Joint Venture / Public – Private Partnership

GOVERNMENT LIVESTOCK FARM, *JOGAITPEER*, DISTRICT BAHAWALPUR.

LOCATION

480 km from Lahore.

OBJECTIVES.

1. To conserve cholistani cattle a herd of 250 animals is now maintained here.
2. To register and document 2700 cow of Cholistani breed in private sector.

AREA & ITS DISTRIBUTION (*Acres*)

Total Area	Total Cultivable Area	Total Un-Cultivable Area	Cultivable waste area
5200	3000	2200	2155

LIVESTOCK STRENGTH MAINTAINED (*TOTAL HEADS*)

Cholistani	Buchi Sheep
296	634

TOPOGRAPHY OF FARM

SOIL:	SUB SOIL WATER	Irrigation Source	AV. TEMPERATURE	RAIN FALL
Sandy and Sandy Loam	Marginally fit for irrigation	Canal Water + Tubewell	Winter: 18°C to 30°C Summer: 33°C to 51°C	121 mm

MACHINERY:

Tractors:	Tubewells Total	Agri: Implements
8	4	44

SIZE OF BENEFICIARIES.

Region	Particulars	Population
Tehsil Yazman	Human	4452275
District Bahawalpur	Buffalo	609254
	Cattle	550476
	Sheep	160027
	Goat	1044722

CULTURAL BACKGROUND.

Mostly the adjoining communities cater for animal and agricultural farming. They have local trends for their animal produce. The cholistan desert maintains large populations of sheep, goat, Cattle and camel. Almost all the milk processing companies operate in this area for milk collection. A large population of small ruminants can fulfill the requirement of a modern abattoir of international standard.

POTENTIAL FOR FUTURE INVESTMENT.

- This farm will be more suitable for production of both milk and meat. About 4000 dairy cattle along with feedlot fattening of small ruminants can be maintained at this station. Milk processing plant of appropriate capacity coupled with milk chilling facilities amongst the surrounding communities through milk collection system, leading to improved animal health, breeding and feeding services.
- A modern abattoir can go a long way for export of meat.

OFFER AT PART OF PUNJAB GOVERNMENT

- An area of 5200 acres of fertile land.
- Infrastructure available at the site.
- Agricultural Machinery, Tubewells/ Turbines along with Tractors.

INTERVENTION REQUIRED

- To organize the farm operations on scientific and commercial lines compatible to international standard.
- To link the farm produce with processing plants installed at the site for value addition.
- To bring the milk producer of area in marketing network of milk/ meat processing industry.

MODE OF COLLABORATION

- Joint Venture / Public – Private Partnership

SEMEN PRODUCTION UNIT KARAINWALA DISTRICT BAHAWALPUR

Location

Unit is located at a distance of 460 k.m. from Lahore.

Venture

1. To maintain quality bulls for semen production.
2. Semen Processing, storage and supply of semen.

Area (acres)

Total	Cultureable	Un-cultureable
775	114	661

Bulls maintained

Capacity	200
Maintained	162
No. of donor bulls	122
No. of semen doses produced (2007-08)	0.655 million

Type of Semen:

Semen of Nili Ravi Buffalo, Sahiwal and Cholishtani breeds of Cattle.

Quality of Semen:

Good quality semen of Nili Ravi Buffalo, Sahiwal and Cholistani breeds of Cattle.

Net Worth Semen Produced

Rs. 160.000 Million

Interventions required

Regulatory framework for Certified Sale of Semen and quality breeding services is being formulated to motivate the private sector to establish semen production units and network of artificial insemination services. With the promulgation of these regulations, the existing Semen Production Unit will be converted into research and Development Centre for Cholistani cattle.

On offer

Land and infrastructure

Livestock Experiment Station Haroonabad District Bahawalnagar

Location

285-Km from Lahore on South –Western side

Venture

Maintenance & development of Nili-Ravi Buffalo & Sipli Sheep

Production and raising of buffalo calves as future breeding bulls

Determination of production potential of Nili-Ravi Buffalo and Sipli Sheep under Farm Condition and their improvement through Research applications

Supply of superior breeding males to SPUs and private breeders

Area (acre)

Total	Cultureable	Uncultureable
627	483	144

Livestock maintained

Breed	Adult		Young Stock		Sucklers		Total
	Male	Female	Male	Female	Male	Female	
Nili-Ravi	2	125	23	74	27	56	307
Sipli Sheep	4	210	120	157	26	40	557

Topography

Soil	Mainly sandy & poor in organic matter
Sub-soil water	Sub soil water deep, brackish and unfit for irrigation
Irrigation sources	Canal Water=2.38 Cusecs
Turbine/Tube well	=3.00 Cusecs
	Total=5.38 Cusecs

Canal irrigation through lift irrigation system, soil of farm 4 feet above the canal water level

Average Temperature	Summer Winter
30-50° C	18-30° C

Fain Fall - 150-200mm

Machinery available

Tractors	4
Agriculture implements	38

Clients

Production of buffalo breeding bulls for semen Production Units & Farmers

Production & Supply of Sipli breed Rams fro breeding to the farmers

Demonstration of buffalo dairying & sheep farming for the farmers

Cultural background

Traditionally maintenance of local breeds of buffalo/ cattle, sheep, goat & camel, mixed farming, livestock has a rich cultural heritage

Potential for future investment

Sheep, Goats & Camel farming

Interventions required

Special package for livestock raisers in shape of de-worming, feeding, vaccination, breeding, marketing, training of farmers.

Collection of milk & its marketing

On Offer

Land and infrastructure

LIVESTOCK EXPERIMENT STATION CHAK KATORA DISTRICT BAHAWALPUR

Location

310-Km from Lahore on South-Western side

Venture

Maintenance and Development of Nili-Ravi Buffalo & Goats

Raising of buffalo calves as future breeding bulls

Determination of production potential of Nili-Ravi Buffalo and Teddy Goats under Farm condition and their improvement through research application.

Production of buffalo breeding males for supply of SPUs and private breeders

Disseminate modern husbandry practices to farmers through demonstration.

Area (acres)

Total	Cultureable	Uncultureable
602	488	114

Livestock maintained

Breed	Adult		Young Stock		Sucklers		Total
	male	female	male	female	male	female	
Nili-Ravi	2	266	39	162	93	62	624
Teddy Goats	2	214	144	155	20	10	545

Topography

Soil	Saline & Sodic
Sub-soil water	Marginally fit for irrigation
Irrigation Sources	5 Canal water outlet = 14.83 Cusecs 3 Turbine+ Tubewell = 3.75 Cusecs Total = 18.58 Cusecs
Average temperature	summer 30-50° C Winter 18-30° C
Rain Fall	-80-120mm

Machinery Available

Tractor	7
Implements	38

Clients

Production of buffalo breeding bulls for Semen Production Units & Farmer

Production & Supply of Teddy breed bucks for breeding to the farmers

Demonstration of buffalo dairying & goat farming for the farmers

Cultural background

Traditionally maintenance of local breeds of buffalo/cattle, sheep, goat & camel, mixed farming livestock has a rich cultural heritage.

Potential For Future Investment

Sheep, Goats, Camel farming, especially mutton production, milk collection & marketing.

Interventions required

Special package for livestock raisers in shape of de-worming, feeding, vaccination, breeding, marketing, training of farmers. Collection of milk & its marketing

On Offer

Land and infrastructure

LIVESTOCK EXPERIMENT STATION BHUNIKY (PATTOKI) DISTRICT KASURE

Location

72-Km Western side on Lahore - Multan Road

Venture

Maintenance and Development of Buffalo nucleus herd
Raising of Bull Calves as future candidate bulls for test mating
Mechanization of Agriculture & Dairy Operations

Area (acres)

Total	Culturable	Unculturable
1079	858	50

Livestock maintained

Breed	Bull Teaser	Buffaloes	Young Stock		Sucklers		CRC Calves	Total
			Male	Female	Male	Female		
Nili-Ravi	1	386	75	104	37	92	338	1033

Topography

Soil	Alkaline with average pH 8
Sub-soil water	Slightly unfit for irrigation
Irrigation Sources	3 Canal water outlet = 2.75 Cusecs
	Tubewell = 3.00 Cusecs
	Total = 5.75 Cusecs

Average temperature

	Summer	Winter
	24-44° C	12-27° C

Rain Fall

200-300mm

Machinery Available

Tractor	7	Rear Blade	4	Chazel Plough	1	Land Scraper	1
Land Leveler	1	Forage Harvester	2	Drill	4	Ditcher	1
Fodder Cutter	1	Rigger (imported)	2	Border Disc	1	Reaper	2
Fertilizer Spreader	2	Disc Plough	2	Boom Sprayer	1	Wheat thresher	2
Rota Vator	1	Front End Loader	1	Trolleys	9	Disc Harrow	3

Clients

Production of breeding bulls for all over Punjab

Cultural background

Traditionally maintenance of local breeds of buffalo/cattle, sheep & goat, mixed farming livestock has a rich cultural heritage, local famous stories based on livestock/grazing.

Potential For Future Investment

Huge fertile land, potential for dairying, beef production, large animal feed production. Milk collection, processing and marketing.

Interventions required

Special package for livestock raisers in shape of de-worming, feeding, vaccination, breeding, marketing, training of farmer. Collection of milk & its marketing

On Offer

Land and infrastructure

Fine Wool Sheep Farm Sarai Mohajar TDA 205 District Bhakkar

Location

335 km away from Lahore towards western south

Area (acres)

Total	Cultureable	Un Cultureable
926	635	291

Livestock maintained

Year	Sheep Thalli	Red Sindhi Cattle
2007-08	758	96

Topography

Soil	Sandy
Sub Soil Water	Fit for irrigation
Irrigation Sources	Tube well, canal, Rain fall
Average Temperature	Winter 04° C Summer 49° C
Rain Fall	Scanty, 300mm

Machinery available

Tractors	5
Tube well	11
Agriculture Implements	16

Clients

Human population	20000			
Animal population	Cattle	Buffalo	Sheep	Goat
	3000	1000	18000	9000

Cultural background

Most of Population involved in agriculture farming 10% of population keeps Livestock mostly Small Ruminants

Potential For Future Investment

Area Keeps high potential for keeping Small Ruminants.

Interventions required

Breed improvements by provision of Sheep/ Goat to poor population and further training of breeders to manage Small Ruminants breeding programmes

On Offer

Land and infrastructure

Livestock Experiment Station Allahdad Tehsil Jahanian District Khanewal

Location

350 km away from Lahore towards south.

Area (acres)

Total Area	Cultureable	Un Cultureable
7981	418	380

Livestock maintained

Year	Sheep Thalli	Red Sindhi Cattle
2007-08	808	296

Topography

Soil	Sailine, Loam	
Sub Soil Water	Marginally fit	
Irrigation sources	Tube well, canal	
Average Temperature	Winter	Summer
	18° C	48° C
Rain Fall	Scanty, 300mm	

Machinery available

Tractors	3
Tube well	1
Agriculture	15

Clients

Human population	20000			
Animal population	Cattle	Buffalo	Sheep	Goat
	1000	5000	15000	20000

Culture background

Most of population involved in agriculture farming, 10% of population keeps Livestock mostly Small Ruminants

Potential For Future Investment

Area keeps high potential for keeping Small Ruminants.

Interventions required

Breed improvements by provision of Sheep/ Goat to poor population and further training of breeders to manage small Ruminants breeding programmes.

On offer

Land and infrastructure.

Livestock Experiment Station Rakh khairwala District Layyah

Location

305 km away from Lahore towards south & west.

Area (acres)

Total	Cultureable	Un Cultureable
14472	1182	13290

Livestock maintained

Thalli	Kachi	Karakul Crosses	Beetal Goat	Nachi	DDP	Teddy	Angora Crosses	Cattle Cross Breed
638	157	1131	359	51	107	681	229	34

Topography

Soil	Sandy
Sub Soil Water	Heavy saltish and unfit for irrigation
Irrigation sources	Tube well, Canal, Rain fall
Average Temperature	Winter Summer
	04° C 50° C
Rain Fall	Scanty, 250mm

Machinery available

Tractors	7
Tube well	18
Agriculture	28

Clients

Human population	10000			
Animal population	Cattle	Buffalo	Sheep	Goat
	2500	500	2000	12000

Cultural background

Keeping Sheep/Goat flocks

Potential for Future Investment

Area Keeps high potential for keeping Small Ruminants

Interventions required

Breed improvements by provision of Sheep/Goat to poor population and further training of breeders to manage Small Ruminants breeding programmes

On Offer

Land and infrastructure

LIVESTOCK EXPERIMENT STATION, *JAHANGIRABAD*, DISTRICT KHANEWAL

LOCATION

290 km from Lahore.

OBJECTIVES

- i) To conserve Sahiwal cattle and produce superior germ plasm through progeny testing programme
- ii) To study the productive and reproductive performance of Sahiwal Breed
- iii) To produce and issue Rams of Hossardale / Lohi sheep for breed improvement in private sector

AREA & ITS DISTRIBUTION (Acres)

Total Area	Total Cultivable Area	Total Un-Cultivable Area	Cultivable waste area
1653	1141	512	195

LIVESTOCK STRENGTH MAINTAINED (TOTAL HEADS)

SAHIWAL CATTLE	Lohi SHEEP	Hissardale Sheep
901	216	1163

TOPOGRAPHY OF FARM

SOIL:	SUB SOIL WATER	Irrigation Source	AV. TEMPERATURE	RAIN FALL
Loam in Texture	fit for irrigation	Canal Water + Tubewell	Winter: 5°C to 23°C Summer: 25°C to 49°C	30 mm

MACHINERY:

Tractors:	Tubewells Total	Agri: Implements
11	5	35

SIZE OF BENEFICIARIES.

Region	Particulars	Population
District Khanewal	Human	2410512
	Buffalo	500219
	Cattle	424036
	Sheep	155647
	Goat	712231

CULTURAL BACKGROUND.

Mostly the adjoining communities cater for animal and agricultural farming. They have local trends for their animal produce. This area is well known for cotton production, a raw material for textile industry and garments contributing major foreign exchange earning for national economy.

POTENTIAL FOR FUTURE INVESTMENT.

- This farm will be more suitable for the production of milk. About 6000 dairy cattle can be maintained at this station. Milk procurement plant of appropriate capacity coupled with milk chilling facilities amongst the surrounding communities through milk collection system, leading to improved animal health, breeding and feeding services.

OFFER AT PART OF PUNJAB GOVERNMENT

- An area of 3373 acres of fertile land.
- Infrastructure available at the site.
- Agricultural Machinery, Tubewells/ Turbines along with Tractors.

INTERVENTION REQUIRED

- To organize the farm operations on scientific and commercial lines compatible to international standard.
- To link the farm produce with processing plants installed at the site for value addition.
- To bring the milk producer of area in marketing network of milk/ meat processing industry.

MODE OF COLLABORATION

- Joint Venture / Public – Private Partnership

Livestock Experiment Station Bahadurnagar District Okara

Location

150 km from Lahore towards west (Okara – Faisalabad Road)

Venture

Studies on Productive performance and breeding behavior of crossbreed Cattle (Fr. X non descript)

Production of progeny tested bulls.

Maintenance of pedigree and performance records

Multiplification of crossbred Cattle through pattadars

Area (acres)

Total	Cultureable	Un-cultureable
1871	1563	308

Livestock maintained

Sahiwal	Buffalo	Sheep
1114	484	1463

Topography of Farm

Soil	Sub-Soil Water	Irrigation source	Av.Temp	Rain fall
Loam	Fit for irrigation	Canal	Winter: 0-26° C Summer: 19-45° C	Av.0.93”

Machinery available

Tractors	12
Trolley	02
Implements of Tractors	23
Tube well	15

Clients

All Punjab particularly district Okara

Cultureal background

Agriculture and Livestock

Potential for future investment

- i) Machine Milking
- ii) Machine fodder cutting and chaffing
- iii) Up-gradation of Laboratories
- iv) Mechanization of animal sheds
- v) Silo pits and hay storage
- vi) Mechanize land leveling
- vii) Animal Feed Mill
- viii) Milk processing plant

Interventions required

Public private partnership is the dire need for the development of this institute

On offer

Land and infrastructure

Livestock Experiment Station Qadirabad District Sahiwal

Location

175-km from Lahore towards west (Lahore – Multan National Highway).

Venture

Studies on productive performance and breeding behaviour of crossbreed Cattle (Fr. X non descript)

Production of progeny tested bulls.

Maintenance of pedigree and performance records

Multiplication of crossbred Cattle through pattadars.

Area (acres)

Total	Cultureable	Un-cultureable
732	614	118

Livestock maintained

Cross- Bred	Frisian	Jersey	Total
369	93	55	517

Topography of Farm

Soil	Sub-Soil Water	Irrigation source	Av.Temp	Rain fall
Loam	Fit for irrigation	Canal	Winter: 0-26° C Summer: 19-45° C	Av.0.93”

Machinery available

Tractors	04
Trolley	02
Implements of Tractors	21
Tube well	04

Clients

District Sahiwal

Cultural background

Agriculture and Livestock

Potential for future investment

- i) Machine Milking
- ii) Machine fodder cutting and chaffing
- iii) Mechanization of animal sheds
- iv) Silo pits and hay storage
- v) Mechanize land leveling
- vi) Milk processing plant

Interventions required

Public private partnership is the dire need for the development of this institute

On offer

Land and infrastructure

Location

Unit is located at a distance of 175 km from Lahore

Semen Production Unit Qadirabad District Sahiwal

Venture

To maintain quality bulls form semen production
Semen processing, storage and supply of semen

Area (acres)

Total	Cultureable	Un-cultureable
285	205	80

Bulls maintained

Capacity	300
Maintained	255
No of donor bulls	157
No. of semen doses produced (2007-08)	0.970 millions

Type of Semen

Semen of Nili Ravi Buffalo and Sahiwal Cattle

Quality of Semen

Good quality semen of Nili Ravi Buffalo and Sahiwal, Cholistani Cattle
Good quality semen of test Bulls of Nili Ravi Buffalo and Sahiwal Bulls

Net Worth Semen Produced

Rs. 1050.000 million

Interventions required

Regulatory framework for Certified Sale of Semen and quality breeding services is being formulated to motivate the private sector to establish semen production units and network of artificial insemination service. With the promulgation of these regulation, the existing Semen Production Unit, Qadirabad will be converted into Research and Development Centre for Buffalo Bulls.

On offer

Land and infrastructure

Semen Production Unit Kherimurant District Attock

Location

Units is located are a distance of 45m from Islamabad

Venture

To maintain quality bulls for semen production.
Semen Processing, storage and supply of semen

Area (acres)

Total	Cultureable	Un-cultureable
50	10	40

Bulls maintained

Capacity	50
Maintained	49
No of donor bulls	24
No. of semen doses produced (2007-08)	0.261 millions

Type of Semen

Semen of Jersey, Friesian and Cross-bred Cattle

Quality

Good Quality semen of Jersey, Friesian and Cross-bred Cattle

Net Worth Semen Produced

Rs. 110.000 million

Interventions required

Regulatory framework for Certified Sale of Semen and quality breeding services is being formulated to motivate the private sector to establish semen production units and network of artificial insemination services. With the promulgation of these regulations, the existing Semen Production Unit will be converted into research and Development Centre for Jersey, Friesian and Cross-bred Cattle.

On offer

Land and infrastructure

Veterinary Research Institute Lahore

Location

12 km form east of Lahore, on Zarar Shaheed Road Lahore Cantt

Venture

Large scale production of standard biologics for control of infectious diseases of livestock and poultry

Research studies in the related disciplines of animal health.

Studies related to obscure diseases of livestock and newly emerging diseases of poultry.

Areas (acres)

Total Area	Covered	Un covered	Engaged in Production	Miscellaneous
25	60%	40%	40%	20%

Machinery available

The institute is well equipped with all kinds of machinery and equipments required for the production of biologics like large scale autoclaves, safety cabinets, boilers, ultra speed centrifuges etc.

Interventions required

We offer total area for vaccination production along with scientist engaged in biological production.

We want to produce good quality vaccine with collaboration and investment on equal basis.

Joint research on biological production and emerging diseases of bacterial and viral origin for their control in livestock

On offer

Land and infrastructure

Livestock Farms in Punjab

Name of Farm	District	Area (Acres)			Animals
		Cultivable	Uncultivable	Total	
Khizerabad	Sargodha	1538	235	1818	2229
Khushab	Khushab	900	68	968	1044
Rakh Ghulaman	Bhakkar	5414	1899	7313	3924
Kallurkot	Bhakkar	1399	89	1488	1120
Rakh Mahni	Bhakkar	1495	7676	9171	163
Fazilpur	Rajanpur	997	1400	2397	782
Jogaitpeer	Bahawalpur	3000	2200	5200	930
Bhunikey (Pattoki)	Kasur	858	221	1079	1033
Chak Kotora	Bahawalpur	488	114	602	1169
Haroonabad	Bahawalnagar	483	144	627	864
205/TDA	Bhakkar	635	291	926	854
Allah Dad	Khanewal	418	380	798	1104
Khairwala	Layyah	1182	13290	14472	3387
Jahangirabad	Khanewal	1141	512	1653	2280
Bahadurnagar	Okara	1563	308	1871	3061
Qadirabad	Sahiwal	614	118	732	517
Total		22170	28945	51115	24461