



# J K Trust

A Presentation

by

S. K. Chandrakar



# HISTORY

**Establishment of Sheep Breeding farm in Dhule, Maharashtra by Raymond Ltd.**

**1970**

- In an Area of 10,000 Acres with 6000 Exotic and Indigenous breeds of Sheep
- To improve the quality and quantity of Wool.

**1977**

**Embryo Transfer was carried out successfully in sheep for the first time in India**

**1983**

**Raymond Cattle Embryo Research Centre (RERC) was set up at Gopalnagar, Chhattisgarh**

- Embryo transfer in Cattle
- Freezing and Sexing of Embryos

**1997**

**Launch of JK Trust Gram Vikas Yojana with the objective of transfer of the technical expertise gained over three decades to the grass-root level**

# KEY OBJECTIVES

- **Creating Rural Employment**

Providing employment to educated rural youth as 'Service Providers' at our ILD Centres.

- **Reducing Malnutrition**

Surplus milk generated by high milk producing dairy cows would reduce Malnutrition among the children.

- **Alleviate Poverty**

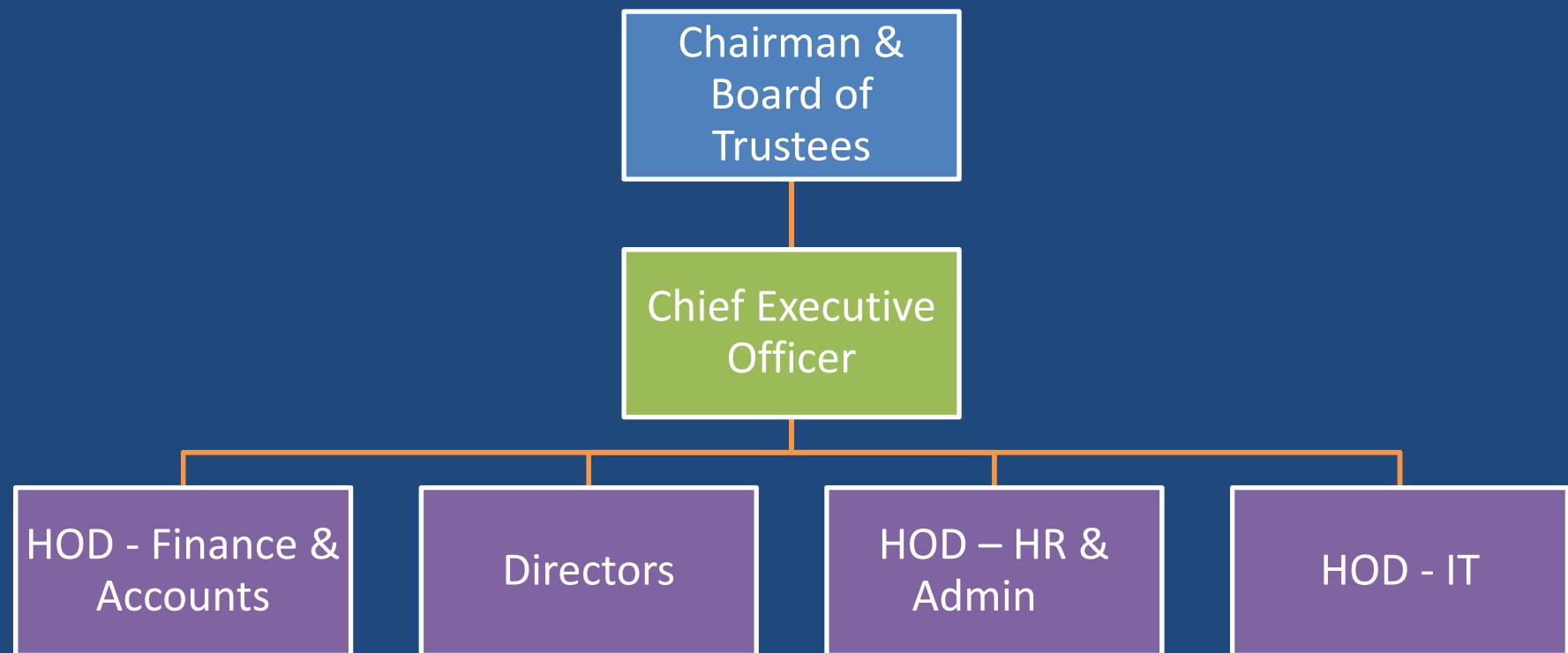
Increased milk production and superior progeny enables participating farmers to effectively supplement their income by sale of surplus milk and high value calves produced.

**The objectives of the Trust are achieved by implementing our Cattle Breed Improvement Programme (CBIP).**

# FOCUS AREA

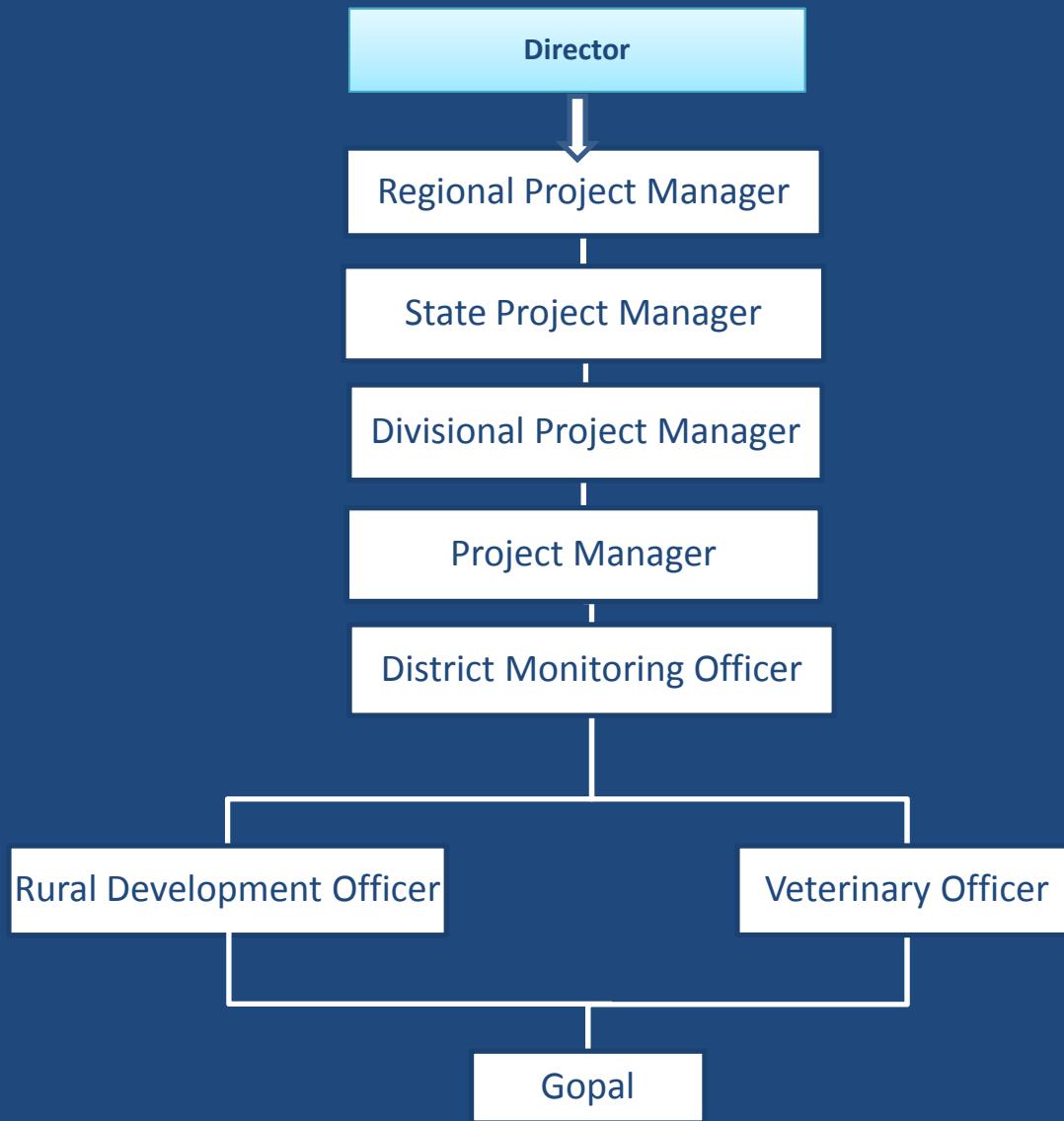
- **Cattle & Buffalo Breed improvement program through Artificial Insemination**
- **Animal Health Care**
- **Animal Nutrition**
- **Training and Development**
  - Extension Education for Dairy Farmers
  - Paravet Training
    - ✓ Dr. Vijaypat Singhania Training Institute for Rural Development
- **Assisted Reproductive Technologies in Cattle**
  - Dr. Vijaypat Singhania Centre of Excellence for Assisted Reproductive Technologies in Livestock, Gopalganj, Chhattisgarh
  - Dr. Vijaypat Singhania Centre of Excellence for Assisted Reproductive Technologies in Livestock, Vadgaon-Rasai, Pune, Maharashtra
- **CSR Partnership**

# Organizational Structure

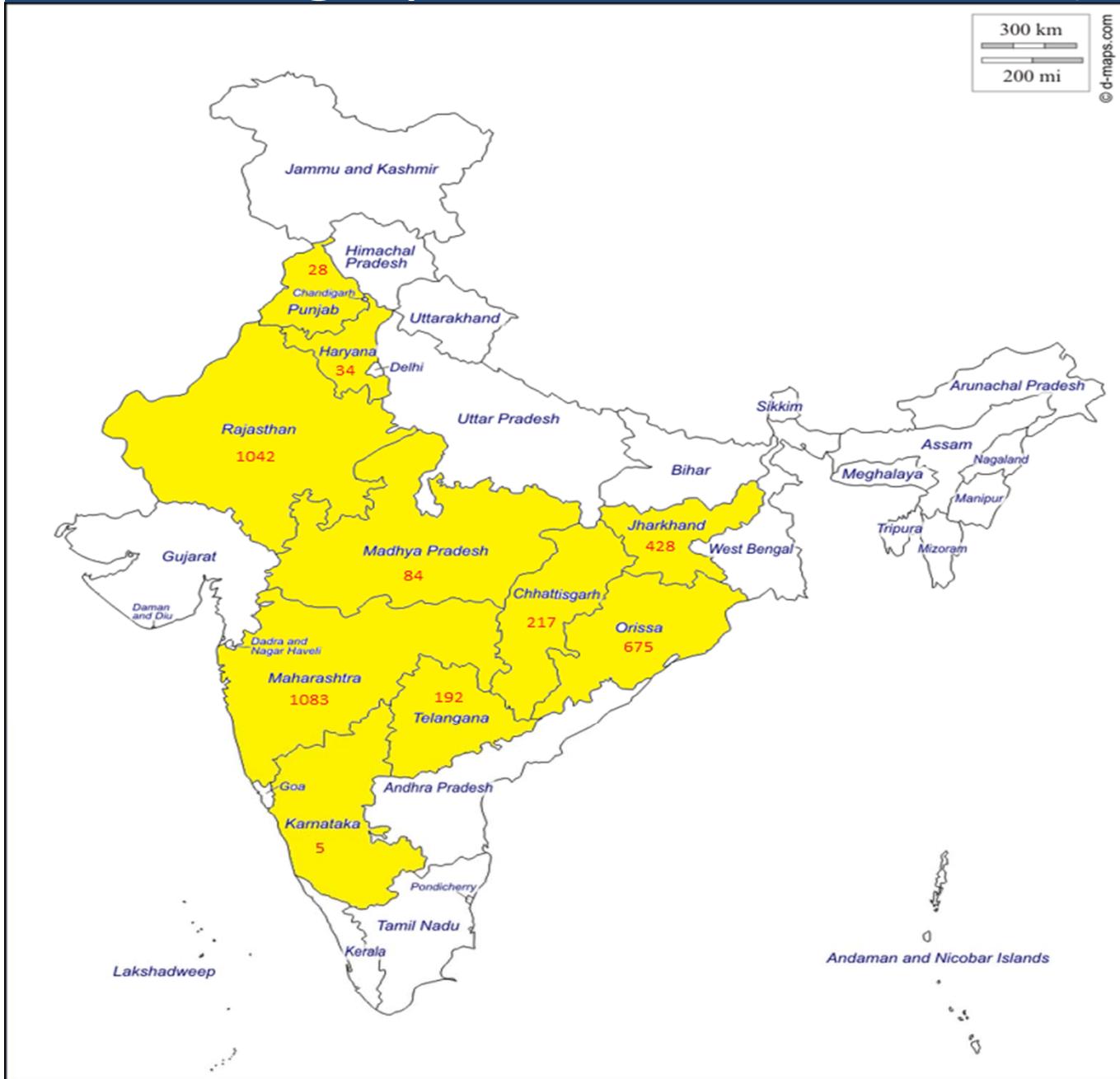


Continue..

# Organizational Structure continue....



# Geographical Area Covered (as on Jan'17)



- 3788 ILDCs
- 151 Districts
- 10 States
- 45000 Villages
- 4.5 Million Farmers
- 130.13 Lakhs AI Done.
- 30.97 Lakhs Calves produced.

# Manpower

Sr. No.	Category	No. of Employees
1	Office Staff	172
2	Field Monitoring Staff	396
3	Veterinary Doctors	45
4	Gopal (Paravet)	3832
	<b>Total</b>	<b>4445</b>

# Steps in Setting Up ILDC

- Step 1: Identification of location
- Step 2: Government Advocacy, Local Liaising
- Step 3: survey of the Area – Breedable Animal population
- Step 4: Locating ILDC. Identifying Gopal
- Step 5: Training Gopal
- Step 6: Posting of Gopal in ILDC
- Step 7: Supplying Inputs
- Step 8: Service Delivery
- Step 9: Monitoring and Evaluation
- Step 10: Reporting

# Our Rural Development Model: **Integrated Livestock Development Centre (ILDC)**

- Focal point of the service delivery that serves 8-10 villages with 1,000-1,200 breedable cows and buffaloes
- Managed by ‘**Gopal**’,
  - Educated Unemployed Youth
  - 4 months Intensive Training
- Provide Doorstep services to the farmer

Cattle Breeding

Animal Health

Animal Nutrition

Extension



# Step 1: Identifying Location

- Location is identified based on several parameters
  - Request of sponsor
  - Lack of availability/ Inadequate availability of services
  - Distance from existing centres of JK Trust
  - Economic Feasibility of centres
  - Contiguous areas for better impact

## Step 2: Government Advocacy, Local Liaising

- Necessary permissions are obtained from government to initiate services in the area
- Their inputs in finalizing locations of ILDC are sought
- Mainly done to
  - Avoid Duplication of centres
  - Ensure support of local AH officers
  - Better acceptance of farmers
- Liaising is done with local bodies for ensuring smooth project implementation

## Step 3: Breedable population Survey

- Breedable population survey carried out to gauge the potential of areas
- Breedable population includes mainly cows and buffaloes
- Discussions with local government department regarding the area
- Locating government and private AI workers in the area

## Step 4: Locating ILDC

- Based on surveys, ILDCs are located
  - Centrally
  - Covering 6-8 villages nearby villages
  - Having 1000-1200 breedable population
  - Radius of 8-10 sq kms.
  - Logistically feasible to supply inputs
  - Contiguous to ensure better impact
  - Availability of Suitable candidate for Gopal

# Step 5: Training of Gopal

- Gopal undergoes 4 month intensive training
- 1 month classroom (Theory + Practical),  
3 months field (Training)
- Training conducted at our Dr. Vijaypat Singhania  
Training Institute for Rural Development,  
Chhattisgarh
  - 18 acres fully equipped campus
  - Classrooms, Agriculture farms, Cattle sheds, live  
animals, research lab
  - In-house Library, canteen, hostels, recreation centre  
for holistic learning

# Training Campus



# Classroom and Practical Training



# Field Training



# Step 6: Posting of Gopal in ILDC



# A typical ILDC



- Liquid Nitrogen Cryocans
- Frozen Semen straws in Cryocans
- Castrators
- Flasks for hot water
- Additional Instruments for carrying out services
- First Aid Veterinary Medicines and nutritional additives
- Record keeping books
- Instruction manuals
- Extension aids including visual aids

## Step 7: Supply of Inputs

- Regular supply of Inputs including
  - Semen of High quality bulls
  - Liquid Nitrogen
  - First Aid Medicines
  - Nutritional Supplements
  - Fodder Seeds

# Step 8: Service Delivery

ILD centre offers entire range of services

- Animal Breeding (Artificial Insemination)
- Other Veterinary Services for Animal Health Care
  - Vaccination
  - First Aid- Deworming, Deticking,
  - Infertility Camps under guidance of veterinarians
- Green Fodder Production, Feed Supplements
- Extension
  - Farmer Meetings
  - Use of AV's, Wall Paintings
  - Organizing Calf rallies

# AI (Artificial Insemination)



# Other Veterinary Services



Health Camps



Deworming



Castration



Infertility treatment

## Fodder seed Mini kit distribution to farmers – Under FMC Program



# Demonstration Green Fodder Production



# Procurement and Supply of AI inputs

- **FSDs, Liquid Nitrogen, gloves,sheath,FSD storage and LN transport containers:**
  - Centralized procurement system
  - Distribution system at warehouse level
  
- **Logistics involved:**
  - Defined routes of distribution
  - Own and hired vehicles
  - LN2 attendant with vehicle

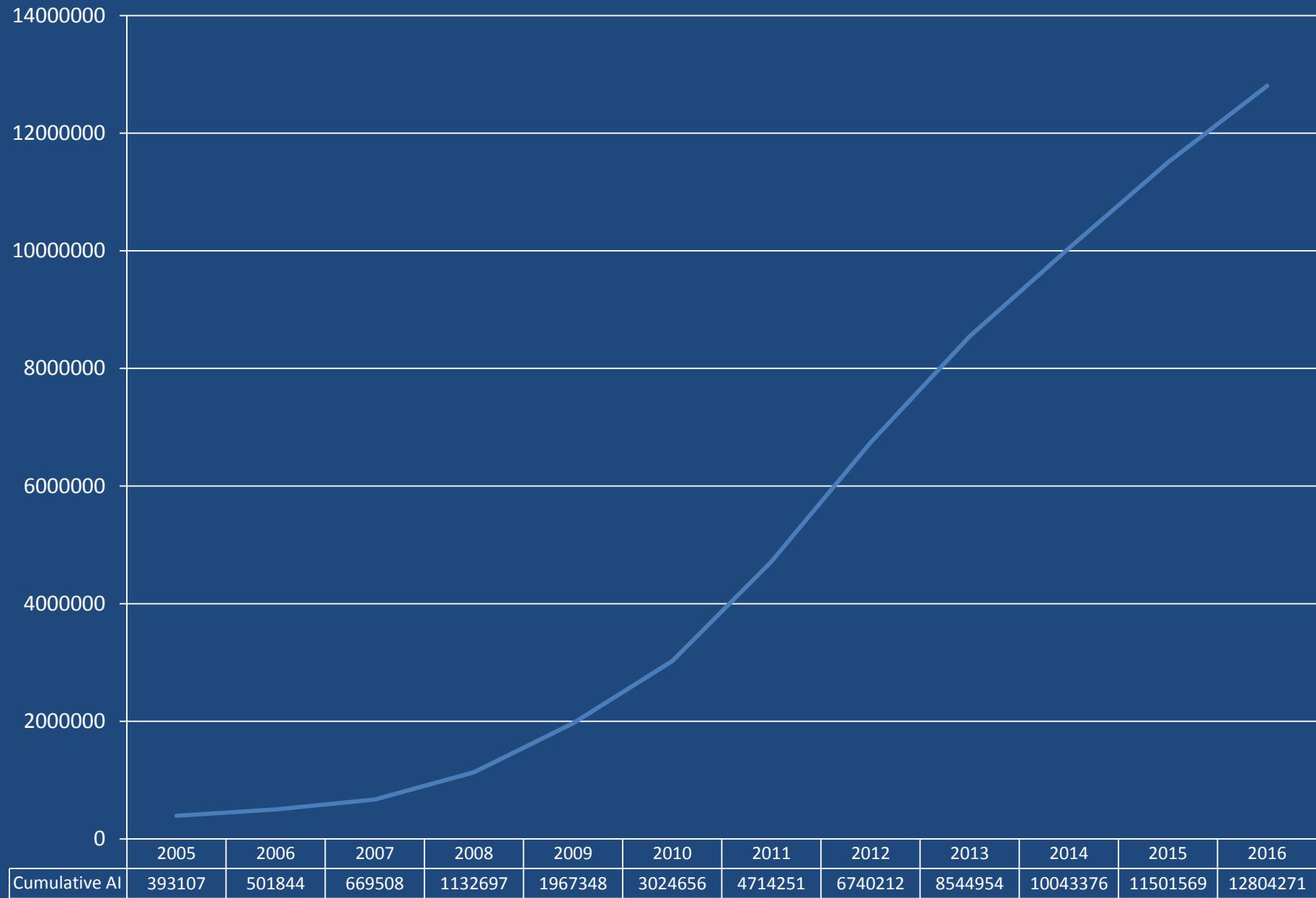
# Procurement and Supply of AI inputs

- **Frequency of distribution:**
  - Distribution cycle of 35-40 days.
- **Replacement mechanism of repaired cryocans:**
  - Replacement of damaged cryocans on regular basis
  - Cryocan Repair - from service provider

# Revenue Management

- **AI Charges:**
  - AI Fees as per project agreement during project period.
  
- **Sustainability:**
  - AI service
  - Other Veterinary Services
  - Feed and Fodder Supply

## Cumulative AI Done over the years



## Cumulative calves produced over the years

3500000

3000000

2500000

2000000

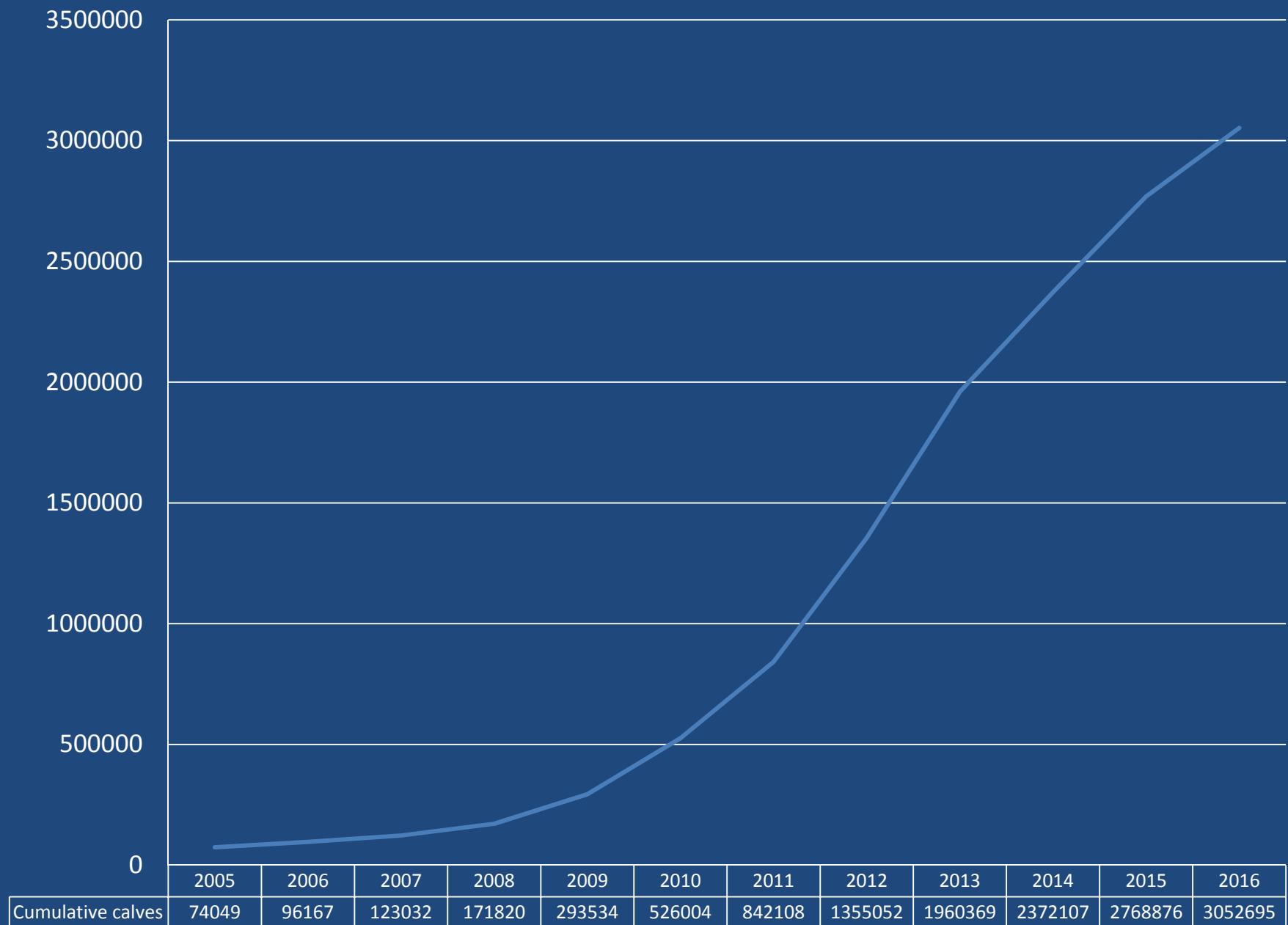
1500000

1000000

500000

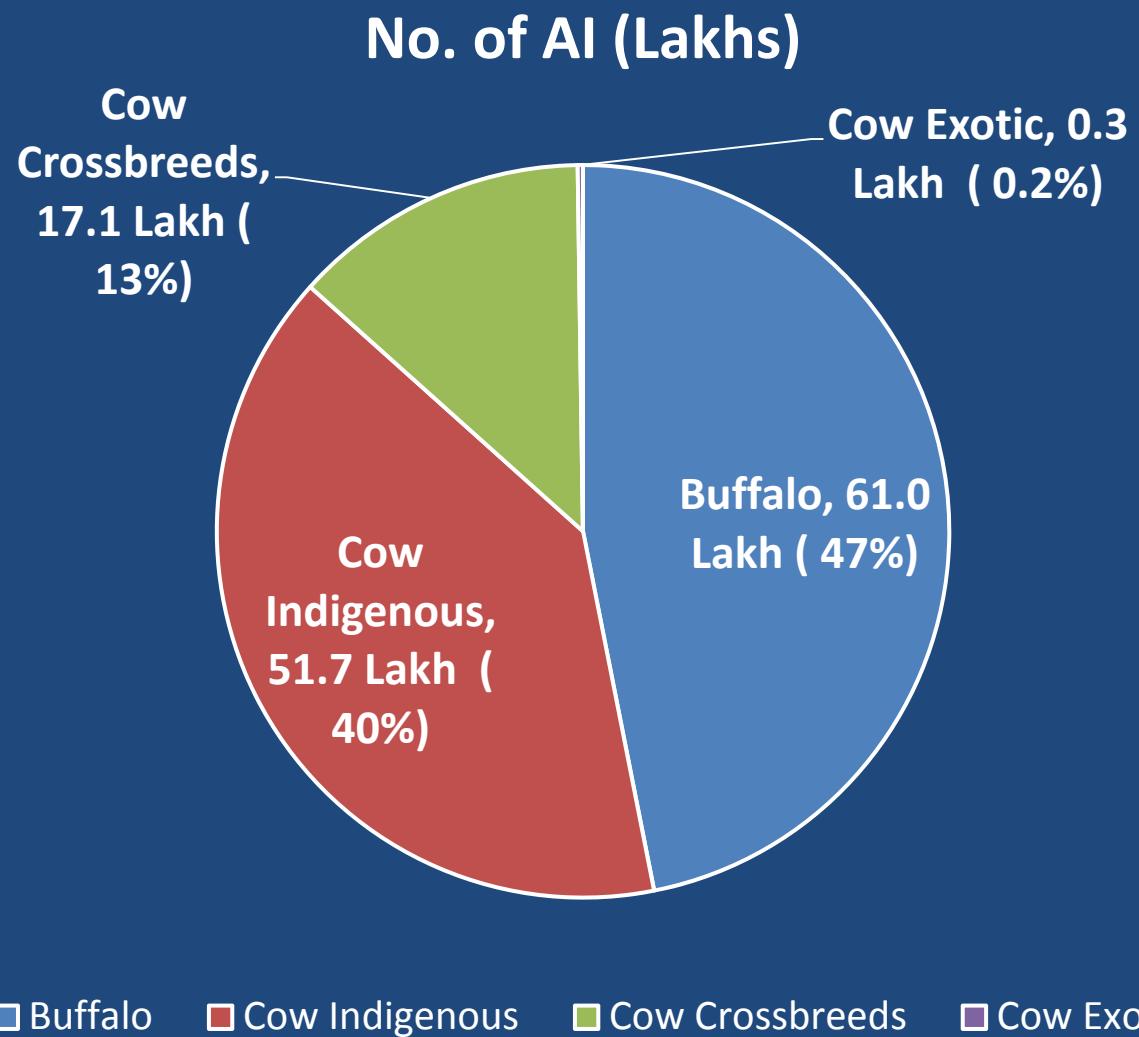
0

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Cumulative calves	74049	96167	123032	171820	293534	526004	842108	1355052	1960369	2372107	2768876	3052695



# Data on AI activity

- Following are animal category wise No. of AI done since inception to Jan-2017:



# Data on AI activity

□ AIPCPM-(AI per Centre per Month)-Highest, Average and Lowest

Sr. No	Reporting Month	Avg. AI per Centre Per Month	Remarks
1	Jan 2016	42	
2	Feb 2016	42	
3	Mar 2016	39	
4	Apr 2016	38	
5	May 2016	36	
6	Jun 2016	32	Lowest
7	Jul 2016	35	
8	Aug 2016	35	
9	Sep 2016	37	
10	Oct 2016	42	
11	Nov 2016	44	
12	Dec 2016	45	Highest
13	Avg. AI Per month per Centre for Year 2016	41	Average

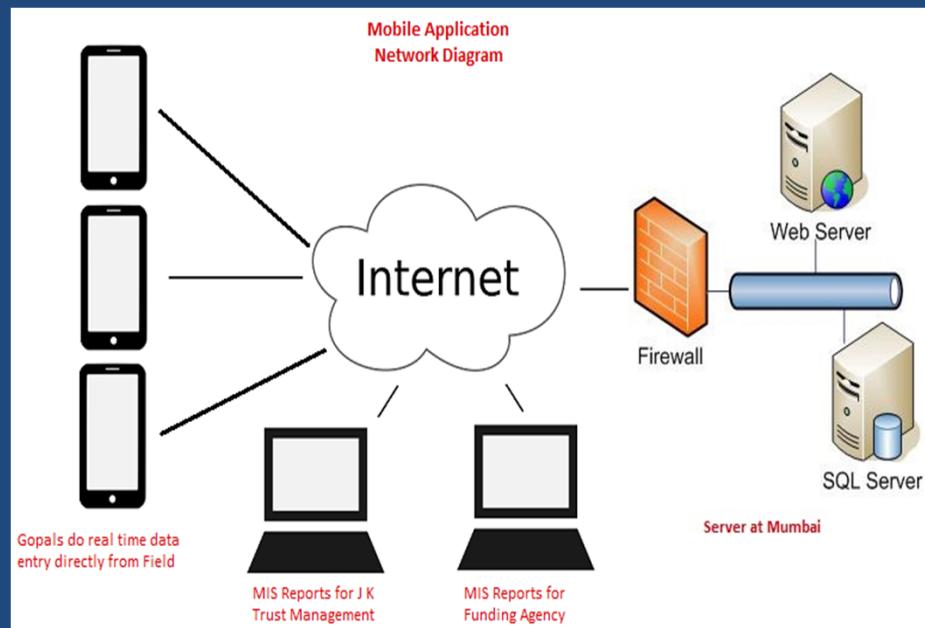
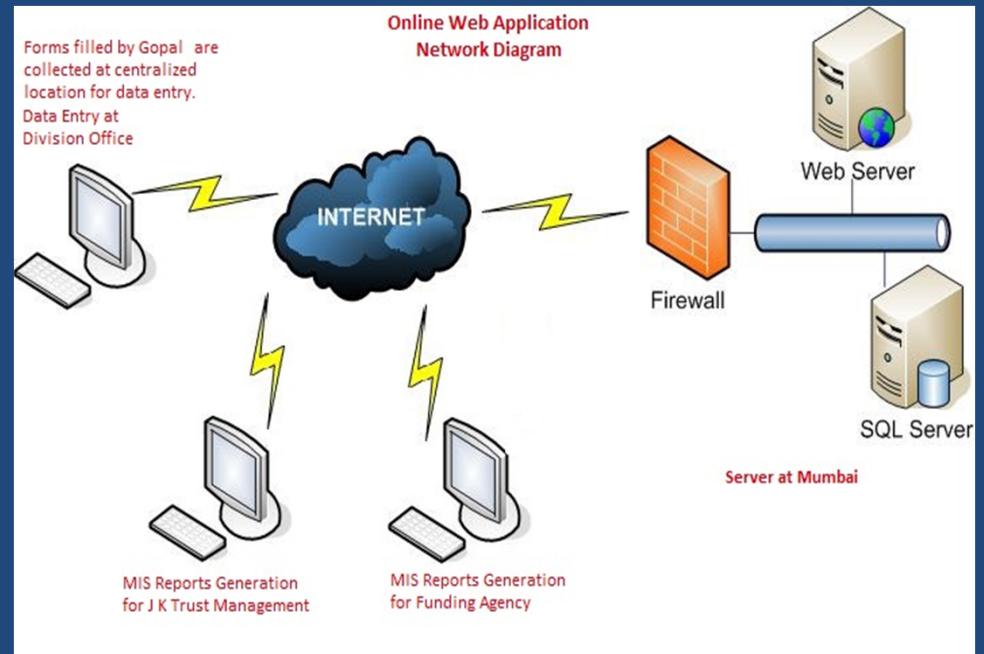
# Step 9: Monitoring & Evaluation

- Regular Monitoring & Evaluation of centre
  - Generally 10-15 Centres managed by one Monitoring officer
  - Monthly Meetings to address the issues faced by Gopal
- Online MIS : ILDSYS
- Payments linked to performance
  - High performing Gopals are felicitated and promoted for supervisory roles
  - Low performing Gopals given refresher training
- Birth certificates to calves under project
- Developed Android app for real time data collection

# MIS Data Capturing

## Online MIS System

- Centralized server at Mumbai
- Preprinted data entry formats
- Data collection on Fortnightly / Monthly basis.
- Generation of various analytical and statistical MIS reports.



## Android Mobile app

- Real time capturing of AI services data by Gopal directly from field

# Beneficiary Entry

Beneficiary Detail Form - Version 7.0.0 - Date : 30 - January - 2017 X

Centre	Rarod	Code	2027	Refresh
FirstName	RAMCHANDRA	Father's Name	PANCHA RAM	LastName
Sex	Male	Age	0	Address
District	Jodhpur	Block	Bhopalgarh	State
Aadhar Card	383763018654	Mobile No.	+91	Village
				Rarod

Category		BPL No		Land Holding	
Economic	APL	Year 1997		Land Holding	Others
Social	OBC	Year 2003		Land Holding Detail	0
				No Of Animals	
				No Of Family Members	

[Back](#) | 
 [Submit](#) | 
 [SHG](#)

	Code	Name	Address	Village Name	Economic	S
▶	23	Pukraj Janki das		Lawahari	APL	...
24		Farsaram ji Bhagwan das		Surupura	APL	...
25		Dhana ram Kashi ram		Hingoli	APL	...
26		Papu ram Jawari lal		Bhopalgarh	APL	...
27		Deva ram moda ram		Lawahari	APL	...
28		Ramavtar Achala ram		Surupura	APL	...
29		Siva ram		Lawahari	APL	...

# Animal Entry

AI Register Form-3 - Version 7.0.0 - Date : 30 - January - 2017

<b>Month</b>	November-2016	<b>Project</b>	CBIP-2000 (Rajasthan)	
<b>District</b>	Jodhpur	<b>Block</b>	Bhopalgarh	
<b>Centre</b>	Rarod	<b>Sub Centre</b>		
<b>AI Detail</b>				
<b>Year</b>	2016	<b>Range</b>	1 To 2222	
<b>AI Number(Yearly)</b>		2222	<input type="button" value="Refresh"/>	
<input type="checkbox"/> Chhavani		<b>Ai Date</b>	01/11/2016	
		<input type="button" value="→"/>	<input type="button" value="Delete"/>	
<input type="checkbox"/> Enter Only Bull Information				
<input type="checkbox"/> Cancel AI <input type="checkbox"/> Cancel AI OJ				
<b>Previous AI Detail</b>				
<input type="checkbox"/> Previous AI Detail		<input type="button" value="Refresh"/>		
<b>Beneficiary Details</b>				
<b>Centre</b>	Rarod	<b>Address:-</b>		
<b>Beneficiary Code</b>	2027	<input type="button" value="Refresh"/>	<input type="button" value="Search"/>	
<b>Full Name</b>	RAMCHANDRA PANCHARAM	<b>Village</b>	Rarod	
<b>Category</b>	OBC	<b>Economic</b>	APL	
<b>BPL No-</b>				
<b>Dam Details</b>				
<b>Code of Animal</b>	2	<input type="button" value="Refresh"/>	<b>Grazing Type</b>	Loose
<b>Type of Animal</b>	Buffalo	<b>Tag No</b>	AM	0665344
<b>Category</b>	NDB	<b>Dam Breed</b>	Unclassified	
<b>Bull Details</b>				
<b>Trans. Date</b>	01/11/2016	<b>Bull Breed</b>	MB	
<b>Bull No</b>	BM-356			

# AI Entry (Form – 3)

AI Register Form-3 - Version 7.0.0 - Date : 30 - January - 2017

<b>Month</b>	November-2016	<b>Project</b>	CBIP-2000 (Rajasthan)
<b>District</b>	Jodhpur	<b>Block</b>	Bhopalgarh
<b>Centre</b>	Rarod	<b>Sub Centre</b>	
<b>AI Detail</b>			
<b>Year</b>	2016	Range	1 To 2222
<b>AI Number(Yearly)</b>	2222	<input type="button" value="Refresh"/>	<input type="checkbox"/> Chhavani <b>Ai Date</b> 01/11/2016
<input type="checkbox"/> Enter Only Bull Information <input type="checkbox"/> Cancel AI <input type="checkbox"/> Cancel AI OJ → <input type="button" value="Delete"/>			
<b>Previous AI Detail</b> <input type="checkbox"/> Previous AI Detail <input type="button" value="Refresh"/>			
<b>Beneficiary Details</b>			
<b>Centre</b>	Rarod	<input type="button" value="Refresh"/>	<b>Address:-</b>
<b>Beneficiary Code</b>	2027	<input type="button" value="Search"/>	<b>Village</b>
<b>Full Name</b>	RAMCHANDRA PANCHARAM	<b>BPL No.</b>	Rarod
<b>Category</b>	OBC	Economic	APL
<b>Dam Details</b>			
<b>Code of Animal</b>	2	<input type="button" value="Refresh"/>	<b>Grazing Type</b> Loose
<b>Type of Animal</b>	Buffalo	Tag No	AM 0665344
<b>Dam Breed</b>	Unclassified		
<b>Bull Details</b>			
<b>Trans. Date</b>	01/11/2016	<b>Bull Breed</b>	MB
<b>Bull No</b>	BM-356	<input type="button" value="Submit"/>	

# PD Entry

PD Follow Up Form - Version 7.0.0 - Date : 30 - January - 2017

## Project Detail

PD Reporting Month

AI Reporting Month

Project

District

Block

Centre

Sub Centre

## AI Detail

Year

Range

## PD FollowUp

	AINO	AIDATE	Village	Beni Code	Beni Name	Dam Code	Dam Breed	Bull Breed	Bull NO	Status Of AI	PD Date	Dam Status	PD Status	PD Reporting
▶	553	17/06/2016	Dongargaon	491	Dhondiba Sakha Karde	1	Red Khand...	Red Kha...	RK-5615...	0	15/09/2016	-Select-	Positive	October-2016
	554	18/06/2016	Dongargaon	492	Namdev Bhauraos Karde	1	Red Khand...	Red Kha...	RK-5615...	0	16/09/2016	-Select-	Positive	October-2016
	555	21/06/2016	Dongargaon	493	Laxman Shinde	1	Devani	Devani	Devani-5...	0	19/09/2016	-Select-	Empty	October-2016
	556	22/06/2016	Dongargaon	494	Baliram Satapure	1	Devani	Devani	Devani-5...	0	20/09/2016	-Select-	Empty	October-2016
	557	22/06/2016	Dongargaon	495	Shivshankar Satapure	1	Devani	Devani	Devani-5...	0	20/09/2016	-Select-	Empty	October-2016
	558	23/06/2016	Dongargaon	479	Yadav Kamble	3	Unclassified	MB	RM-012 ...	0	21/09/2016	-Select-	Positive	October-2016
	559	23/06/2016	Ekurga Kh.	496	Namdev Kamble	1	Unclassified	MB	RM-004 ...	0	21/09/2016	-Select-	Positive	October-2016
	560	24/06/2016	Ekurga Kh.	498	Bhanudas Shinde	1	Devani	Devani	Devani-5...	0	22/09/2016	-Select-	Positive	October-2016
	561	24/06/2016	Ekurga Kh.	499	Rasul Shaikh	1	Devani	Devani	Devani-5...	0	22/09/2016	-Select-	Empty	October-2016
	562	25/06/2016	Dongargaon	500	Vyankat Shinde	1	Red Khand...	Red Kha...	RK-5615...	0	23/09/2016	-Select-	Positive	October-2016
	563	25/06/2016	Dongargaon	501	Shivhar Sanapure	1	Red Khand...	Red Kha...	RK-5615...	0	23/09/2016	-Select-	Positive	October-2016
	564	26/06/2016	Dongargaon	502	Shivajirao Sanapure	1	Unclassified	MB	RM-006 ...	0	24/09/2016	-Select-	Positive	October-2016
	565	28/06/2016	Dongargaon	503	Namdev Karde	1	Unclassified	MB	RM-005 ...	0	26/09/2016	-Select-	Empty	October-2016
	566	28/06/2016	Dongargaon	405	Devanand Kamble	2	Unclassified	MB	RM-008 ...	0	26/09/2016	-Select-	Empty	October-2016
	567	28/06/2016	Dongargaon	504	Dhanaji Khankre	1	Unclassified	MB	RM-005 ...	0	26/09/2016	-Select-	Empty	October-2016
	568	29/06/2016	Dongargaon	505	Murari Jadhav	1	Devani	Devani	Devani-5...	0	27/09/2016	-Select-	Positive	October-2016
	569	30/06/2016	Patoda Kh.	506	Balaji Karde	1	Red Khand...	Red Kha...	RK-5615...	0	28/09/2016	-Select-	Positive	October-2016
	570	30/06/2016	Patoda Kh.	507	Narayan Kamble	1	Unclassified	MB	RM-016 ...	0	28/09/2016	-Select-	Positive	October-2016
	571	01/07/2016	Dongargaon	508	Gaianan Shinde	1	Unclassified	MB	RM-007 ...	0	29/09/2016	-Select-	Positive	October-2016

Please Enter PD Date to Save Records. PD Date is Required Field To Save Record.

# Calf Entry

 Calf Follow Up Form - Version 7.0.0 - Date : 30 - January - 2017

## Project Detail

Calf Reporting Month	January-2017
Project	Tribal(Telangana)
District	ADILABAD(Telangana)
Centre	Andoor

AI Reporting Months February-2016 March-2016 April-2016 May-2016

Block	Boath
Sub Centre	

## AI Detail

Year	2016	Range	<input type="checkbox"/> Premature Calf	<input type="button" value="Submit"/>	<input type="button" value="Refresh"/>
------	------	-------	---	---------------------------------------	--

	AIDate	Village	Beni Code	Beni Name	Dam Category	Dam Breed	Bull Breed	Bull NO	Status Of AI	Dam Tag Prefix	Dam Tag No	Dam Status	Birth Date	Calf Sex	Calf Tag Prefix	Calf Tag No
▶	01/01/2016	Kucheriyal	4	Rathod Shankar Dinesh	NDC	Unclassifi...	JB		0			-Select- ▾		S... ▾	TAD	
	05/01/2016	Andoor	12	Naitham Bheemrao Maruthi	NDC	Unclassifi...	OB		0			-Select- ▾		S... ▾	TAD	
	09/01/2016	Kucheriyal	13	Jadav Mangvi Radi	NDC	Unclassifi...	OB		0			-Select- ▾		S... ▾	TAD	
	10/01/2016	Andoor	14	Vetti Devanna Jangubapu	NDC	Unclassifi...	OB		0			-Select- ▾		S... ▾	TAD	
	13/01/2016	Kucheriyal	15	Rathod Jamma Bheemrao	NDC	Unclassifi...	OB		0			-Select- ▾	19/10/2016	M... ▾	TAD	001810
	13/01/2016	Kucheriyal	16	Rathod Shyamrao Babulal	NDC	Unclassifi...	OB		0			-Select- ▾		S... ▾	TAD	
	13/01/2016	Kucheriyal	17	Jadav Binya Shankar	NDC	Unclassifi...	OB		0			-Select- ▾	13/10/2016	M... ▾	TAD	001808
	14/01/2016	Dannur	18	Sungam Laxmareddy Beemare...	NDB	Unclassifi...	MB		0			-Select- ▾		S... ▾	TAD	
	19/01/2016	Andoor	7	Athram Mallanna Nagorao	NDC	Unclassifi...	OB		0			-Select- ▾	19/10/2016	F... ▾	TAD	001807
	20/01/2016	Andoor	19	Godem Dondu Amruth	NDC	Unclassifi...	OB		0			-Select- ▾		S... ▾	TAD	
	27/01/2016	Raghunathapoor	20	Rathod Bheemji Gangaram	NDC	Unclassifi...	OB		0			-Select- ▾	27/10/2016	M... ▾	TAD	001809
	28/01/2016	Kandipalle	21	Rathod Vachya Saraji	NDC	Unclassifi...	OB		0			-Select- ▾		S... ▾	TAD	
	01/02/2016	...	...	...	NDC	Unclassifi...	OB		0			-Select- ▾				

 Displays Cancel AI Numbers.

 Displays Verification Dates.

Birth Date, Calf Sex, Calf Status And Calf Tag Number Required For Save Records.

# Mobile Data Entry Forms

# Beneficiary Entry

The screenshot shows a mobile application interface for "Beneficiary Entry". The top status bar displays various icons including signal strength, battery level, and the time (12:10). Below the status bar, the title "Add New Beneficiary" is centered on a purple header bar with a back arrow icon.

The main form fields are as follows:

- Centre :** Pangri
- First Name:** Ramchandra
- Father Name/Husband Name:** Panch Ram
- Last Name:** (empty field)
- Gender:** Male
- Mobile No:** 8855658888
- Select Village:** Atpadi
- Aadhar Card:** (empty field)
- Identity Card No:** 383763018654
- APL:** (empty field)
- OBC:** (empty field)
- Others:** (empty field)

At the bottom of the screen, there are two buttons: "Cancel" on the left and "Add" on the right.

# Beneficiary Animal Entry

The screenshot shows a mobile application interface for "Beneficiary Animal Entry". The top status bar displays various icons and the time "12:12". Below the status bar, the title "Add New Animal" is centered on a purple header bar with a back arrow icon.

The main form fields are as follows:

- Select Village: Atpadi
- Select Beneficiary: Ramchandra Panch Ram
- UI Id: Aadhar Card : 383763018654
- Animal Code (QR Optional): 87
- Breed: Buffalo
- Gender: NDB
- Type: Unclassified
- Sex: Female
- Select Tag No: Description AM-0665344
- Status: Loose
- Condition: Live

At the bottom of the screen, there are two buttons: "Cancel" on the left and "Add" on the right.

# AI Entry (Form – 3)

AI No : 666      Monthly AI No : 14

Apr-2015(21-04-2015 to 20-05-2015)

Select Village  
Bhosari 2

Select Beneficiary  
Ramesh Pandurang Chavan

Select Animal Type  
Cow / CB / HFX / 38

Tag No -  
12345678910

Description  
Des 12345678910

AI Date  
2015-04-22

HFX

HFS-121

Double AI  
 Trainee Gopal Double AI

Chhavani AI

Semen Wastage      Cancel      Add

# PD Entry

The screenshot shows a mobile application titled "PD Entry" running on an Android device. The top status bar displays various icons including signal strength, battery level, and the time (14:20). Below the status bar is a purple header bar with a back arrow icon and the text "Add new PD". The main content area is a white form with the following fields and values:

Jul-2015(21-07-2015 to 20-08-2015)	▼
Apr-2015(21-04-2015 to 20-05-2015)	▼
AI Range 666 - 666	
666	
AI No	: 666
Village	: Bhosari 2
Beneficiary	: Ramesh Pandurang Chavan
Animal Code	: Cow / CB / HFX / 38
Type	: Cow
Tag No	: 12345678910
Description	: Des 12345678910
PD Due Date	: 21-Jul-2015
Positive	▼
Cancel	Add

# Calf Entry

← Add Calving Entry

Centre : Pangri

Apr-2016(16-04-2016 to 15-05-2016)

Select Village  
Bhosari 2

Select Beneficiary  
Ramesh Pandurang Chavan

Select Animal Type  
Cow / CB / HFX / 38

AI No  
666

AI No	666	AI Date	22-Apr-2015
-------	-----	---------	-------------

Village : Bhosari 2

Beneficiary : Ramesh Pandurang Chavan

Animal Code : Cow / CB / HFX / 38

Calving Due Date : 07-Feb-2016

Calf Reporting Date

[Cancel](#) [Add](#)

← Add Calving Entry

Animal Code : Cow / CB / HFX / 38

Calving Due Date : 07-Feb-2016

Calf Reporting Date  
21-Apr-2016

Calf Birth Date

Premature Birth

Single

Male

Select Tag No

Born

JBX

Description



[Cancel](#) [Add](#)

# Step 10: Reporting

- Monthly, Quarterly, Half yearly, Annual Reporting of all operating activities
- Reporting of AI done, Pregnancy diagnosed, Calves born, Other veterinary services delivered
- Login Access to MIS data on separate website

# District wise Performance Report

**J.K. TRUST GRAM VIKAS YOJANA**

**INTEGRATED LIVESTOCK DEVELOPMENT CENTRES**

**DETAILS OF ARTIFICIAL INSEMINATION PREGNANCIES CONFIRMED & CROSSBREAD CALVES BORN  
FROM THE DATE OF COMMENCEMENT TO NOV 2016**

**State : RAJASTHAN**

**Name of Project : CBIP-2000 (RAJASTHAN)**

SR. NO	DISTRICT NAME	NO.OF BLOCKS	NO.OF CENTRES	DATE OF COMMENCEMENT	TOTAL NO OF AI DONE FROM DATE OF COMM. TO NOV 2016			* TOTAL NO OF PREG. CONF. FROM DATE OF COMM. TO NOV 2016			**TOTAL NO OF CB CALF FROM DATE OF COMM. TO NOV 2016		
					COW	BUFF	TOTAL	COW	BUFF	TOTAL	COW	BUFF	TOTAL
1	Ajmer	8	30	Jun-2016 To Sep-2016	3088	3693	6781	281	131	412	0	0	0
2	Alwar	10	33	Jul-2016 To Sep-2016	1550	4197	5747	18	6	24	0	0	0
3	Banswara	7	40	Apr-2016 To Sep-2016	1203	2197	3400	290	293	583	0	0	0
4	Baran	9	40	Apr-2016 To Sep-2016	315	445	760	66	15	81	0	0	0
5	Barmer	13	50	Apr-2016 To Sep-2016	898	2002	2900	145	135	280	0	0	0
6	Bhilwara	11	40	Jun-2016 To Sep-2016	3763	5269	9032	376	217	593	0	0	0
7	Bikaner	6	50	May-2016 To Sep-2016	5911	1429	7340	1106	107	1213	0	0	0
8	Bundi	5	45	Apr-2016 To Sep-2016	945	1713	2658	234	107	341	0	0	0
9	Chittorgarh	8	11	Apr-2016 To Sep-2016	407	1244	1651	87	118	205	0	0	0
10	Churu	7	50	Jun-2016 To Sep-2016	5549	5459	11008	711	283	994	0	0	0
11	Dausa	6	36	Jun-2016 To Sep-2016	1620	4065	5685	156	133	289	0	0	0
12	Dholpur	6	18	Apr-2016 To Aug-2016	1754	1948	3702	674	380	1054	0	0	0
13	Dungarpur	6	12	Apr-2016 To Sep-2016	354	822	1176	96	93	189	0	0	0
14	Hanumangarh	7	35	Jul-2016 To Sep-2016	4198	3264	7462	406	146	552	0	0	0
15	Jaipur	12	54	Jun-2016 To Sep-2016	4240	4912	9152	266	174	440	0	0	0
16	Jaisalmer	3	9	Aug-2016 To Sep-2016	379	153	532	0	0	0	0	0	0
17	Jalore	6	29	Apr-2016 To Sep-2016	1774	3110	4884	411	357	768	0	0	0
18	Jhalawar	7	50	Apr-2016 To Sep-2016	623	583	1206	149	27	176	0	0	0
19	Jodhpur	15	71	Apr-2016 To Sep-2016	16802	15788	32590	4436	2557	6993	0	0	0
20	Karauli	6	32	Apr-2016 To Aug-2016	850	3485	4335	333	529	862	0	0	0
21	Kota	5	11	May-2016 To Sep-2016	128	154	282	26	5	31	0	0	0
22	Nagaur	13	60	May-2016 To Sep-2016	11283	15833	27116	1930	1489	3419	0	0	0
23	Pali	8	43	May-2016 To Sep-2016	1507	1851	3358	184	96	280	0	0	0
24	Pratapgarh	4	6	May-2016 To Sep-2016	743	279	1022	118	11	129	0	0	0
25	Rajsamand	5	11	Apr-2016 To Sep-2016	1176	619	1795	264	74	338	0	0	0
26	Sawai Madhopur	7	28	Apr-2016 To Sep-2016	619	1196	1815	116	71	187	0	0	0
27	Shri Ganganagar	9	50	Jul-2016 To Sep-2016	5914	3084	8998	406	84	490	0	0	0
28	Sirohi	3	5	Aug-2016 To Sep-2016	103	349	452	0	0	0	0	0	0
29	Tonk	7	30	Aug-2016 To Sep-2016	235	919	1154	0	0	0	0	0	0
30	Udaipur	8	21	Apr-2016 To Sep-2016	2040	2119	4159	575	199	774	0	0	0
<b>TOTAL</b>					<b>79971</b>	<b>92181</b>	<b>172152</b>	<b>13860</b>	<b>7837</b>	<b>21697</b>	<b>0</b>	<b>0</b>	<b>0</b>

# Centre wise Performance Report

**J.K. TRUST GRAM VIKAS YOJANA**  
**INTEGRATED LIVESTOCK DEVELOPMENT CENTRES**  
**MONTHLY REPORT OF A.I.,PD,CB CALVES BORN,CASTRATION,INFERTILITY**  
**DEWORMING AND FIRST-AID FROM DATE OF COMMENCEMENT TO NOVEMBER 2016**

**State : Rajasthan**

**Name of District : Ajmer**

**Name of Project : CBIP-2000 (Rajasthan)**

SR. NO	BLOCK NAME	CENTRE NAME	DATE OF COMMENCE- MENT	CENTRE DETAILS			AI,PD,CALVING DETAILS			AI,PD,CALVING DETAILS			AI,PD,CALVING DETAILS			AI,PD,CALVING DETAILS		
				NO OF AI DONE DURING THE MONTH NOVEMBER 2016			TOTAL NO OF AI DONE FROM DATE OF COMM. TO NOVEMBER 2016			NO OF PREG. CONF. DURING THE MONTH NOVEMBER 2016			TOTAL NO OF PREG. CONF. FROM DATE OF COMM. TO NOVEMBER 2016			NO OF CB CALF BORN DURING THE MONTH NOVEMBER 2016		
COW	BUFF	TOTAL	COW	BUFF	TOTAL	COW	BUFF	TOTAL	COW	BUFF	TOTAL	COW	BUFF	TOTAL	COW	BUFF	TOTAL	
1	Bhinay	Ekalseenga	16-08-2016	6	6	12	36	17	53	0	0	0	0	0	0	0	0	0
2	Bhinay	Kerot	16-08-2016	12	10	22	48	20	68	0	0	0	0	0	0	0	0	0
3	Jawaja	Delwara	24-06-2016	62	168	230	148	357	505	6	3	9	13	9	22	0	0	0
4	Kekri	Jal Ka Khera (Lasadi)	17-07-2016	18	34	52	59	88	147	5	7	12	5	7	12	0	0	0
5	Kekri	Meveda Kalan	16-09-2016	5	7	12	13	19	32	0	0	0	0	0	0	0	0	0
6	Kekri	Molkiya	28-08-2016	5	30	35	29	53	82	0	0	0	0	0	0	0	0	0
7	Kekri	Rajpura (Gulgaon)	16-08-2016	5	10	15	10	21	31	0	0	0	0	0	0	0	0	0
8	Kekri	Ugai (Sarsadi)	28-08-2016	19	14	33	40	38	78	0	0	0	0	0	0	0	0	0
9	Kishangarh	Harmada	16-09-2016	64	86	150	106	131	237	0	0	0	0	0	0	0	0	0
10	Kishangarh	Jajota	29-06-2016	89	175	264	405	557	962	47	36	83	77	54	131	0	0	0
11	Kishangarh	Rodawas	16-09-2016	91	109	200	179	201	380	0	0	0	0	0	0	0	0	0
12	Masuda	Dhola Danta	16-08-2016	4	61	65	45	98	143	0	0	0	0	0	0	0	0	0
13	Masuda	Mayala	16-07-2016	123	242	365	302	435	737	0	0	0	0	0	0	0	0	0
14	Peesangan	Bhatsoori	25-06-2016	26	30	56	103	77	180	11	3	14	27	8	35	0	0	0
15	Peesangan	Dodiyana (Daantra)	16-07-2016	74	131	205	168	247	415	11	3	14	11	3	14	0	0	0
16	Peesangan	Garhi Goorjan	29-08-2016	26	44	70	82	88	170	0	0	0	0	0	0	0	0	0
17	Peesangan	Jaswantpura	29-08-2016	16	42	58	60	98	158	0	0	0	0	0	0	0	0	0
18	Peesangan	Kesarpura	29-08-2016	63	97	160	120	178	298	0	0	0	0	0	0	0	0	0
19	Peesangan	Tilora	16-07-2016	14	10	24	72	28	100	6	0	6	6	0	6	0	0	0
20	Sarwar	Ajgara	16-09-2016	7	10	17	7	15	22	0	0	0	0	0	0	0	0	0
21	Sarwar	Fatehgarh	28-06-2016	18	17	35	116	66	182	19	7	26	29	8	37	0	0	0
22	Sarwar	Kheeriya	16-09-2016	9	1	10	13	1	14	0	0	0	0	0	0	0	0	0
23	Sarwar	Satolao	16-08-2016	5	2	7	14	5	19	0	0	0	0	0	0	0	0	0
24	Sarwar	Shergarh	16-09-2016	9	11	20	9	13	22	0	0	0	0	0	0	0	0	0
25	Shrinagar	Badliya	27-08-2016	48	12	60	100	20	120	0	0	0	0	0	0	0	0	0
26	Shrinagar	Bhatiyani	05-08-2016	48	52	100	60	70	130	0	4	4	0	4	4	0	0	0
27	Shrinagar	Derathoo	27-08-2016	25	19	44	82	40	122	0	0	0	0	0	0	0	0	0
28	Shrinagar	Gaderi (Beer)	30-06-2016	89	167	256	450	524	974	61	30	91	113	38	151	0	0	0
29	Shrinagar	Pharkiya (Devpuri)	07-09-2016	12	15	27	32	47	79	0	0	0	0	0	0	0	0	0
30	Shrinagar	Rasulpura (Googhra)	27-08-2016	74	43	117	180	141	321	0	0	0	0	0	0	0	0	0
		TOTAL		1066	1655	2721	3088	3693	6781	166	93	259	281	131	412	0	0	0

# Beneficiary wise AI Report

J.K. Trust Gram Vikas Yojana  
 Integrated Livestock Development Centres  
 Beneficiary Wise AI Performance Report

For the Period-NOVEMBER 2016 To NOVEMBER 2016

NAME OF STATE :RAJASTHAN

PROJECT NAME :CBIP-2000 (RAJASTHAN)

Date & Time of Report 20/02/2017 14:28:48

Sr. No.	District Name	Block Name	Centre Name	Reporting Month	Date of AI	First Name	Father/Husband Name	Village Name	Social Category of Farmer	ID Proof Type	ID Proof No	Mobile No.	Dam Breed	Bull Breed	Bull Number	
1	Baran	Antah	Bamuliya Kalan(Niyana)	Nov-16	17/10/2016	RAMESHWAR	JAGANNATH	Govindpura	SC	Aadhar Card	515842224367	9928022276	Unclassified	MB	RM-003	
2	Baran	Antah	Bamuliya Kalan(Niyana)	Nov-16	17/10/2016	SHIVRAJ	NAND LAL	Badwa	SC	Aadhar Card	445607085613		Unclassified	MB	RM-003	
3	Baran	Antah	Bamuliya Kalan(Niyana)	Nov-16	17/10/2016	MUKUT BIHARI	JAGANNATH	Govindpura	SC	None			9784674516	Unclassified	MB	RM-003
4	Baran	Antah	Bamuliya Kalan(Niyana)	Nov-16	17/10/2016	BRAJMOHAN	NAND LAL	Badwa	SC	Aadhar Card	207658515753		Unclassified	MB	RM-003	
5	Baran	Antah	Bamuliya Kalan(Niyana)	Nov-16	18/10/2016	MANMOHAN	PRABHU LAL	Bamuliya	SC	Aadhar Card	220416297572		Unclassified	MB	RM-003	
6	Baran	Antah	Bamuliya Kalan(Niyana)	Nov-16	18/10/2016	SATYA NARAYAN	MATHURA LAL	Badwa	SC	Aadhar Card	604474431484		Unclassified	MB	RM-003	
7	Baran	Antah	Bamuliya Kalan(Niyana)	Nov-16	21/10/2016	SATYANARAYAN	PANNA LAL	Govindpura	SC	None			7023757477	Unclassified	MB	RM-030
8	Baran	Antah	Bamuliya Kalan(Niyana)	Nov-16	21/10/2016	MOHAN LAL	RAM NARAYAN	Govindpura	SC	None			9680075740	Unclassified	MB	RM-030
9	Baran	Antah	Bamuliya Kalan(Niyana)	Nov-16	21/10/2016	PUSHP LAL	JAGANNATH	Badwa	SC	None			9928810735	Unclassified	MB	RM-003
10	Baran	Antah	JaiNagar	Nov-16	27/10/2016	ASHOK	GHASI LAL	Badwa	SC	Aadhar Card	622221294501	7023597712	Unclassified	MB	RM-003	
11	Baran	Antah	JaiNagar	Nov-16	06/11/2016	DEV LAL	MADHO LAL	Govindpura	SC	Aadhar Card	736565690087	9772250110	Unclassified	MB	RM-003	
12	Baran	Antah	Jarela	Nov-16	17/10/2016	BANWARI LAL		Balunda	SC	Aadhar Card	851061480468		Unclassified	MB	RM-003	
13	Baran	Antah	Jarela	Nov-16	21/10/2016	BHARAT RAJ	CHETAR LAL	Jarela	SC	Aadhar Card	73094553629		GIR	GIR	G-10	
14	Baran	Antah	Jarela	Nov-16	29/10/2016	CHOTU LAL	UDDHA LAL	Balunda	SC	Aadhar Card	684882107035		GIR	GIR	G-10	
15	Baran	Antah	Jarela	Nov-16	29/10/2016	RAGHUVEEER	MATHURA LAL	Bhaogr	SC	Aadhar Card	517310423874		Unclassified	MB	RM-008	
16	Baran	Antah	Jarela	Nov-16	03/11/2016	HEMRAJ	SATYA NARAYAN	Bhaogr	SC	Aadhar Card	651102879838		Unclassified	MB	RM-003	
17	Baran	Antah	Jarela	Nov-16	09/11/2016	CHAND BIHARI	JAGANNATH	Kashipura	SC	Aadhar Card	230695315824		Unclassified	MB	RM-003	
18	Baran	Antah	Kishanpura	Nov-16	17/10/2016	CHOTH MAL		Rampura Bhagtan	SC	Driving Licens	LVC152546	9636697783	Unclassified	MB	RM-003	
19	Baran	Antah	Kishanpura	Nov-16	20/10/2016	OM PRAKASH		Kishanpura	SC	Other	RJ/14/110/0561389		Unclassified	MB	RM-003	
20	Baran	Antah	Kishanpura	Nov-16	25/10/2016	ABHISHEK		Balunda	ST	Driving Licens	LVC1435467		Unclassified	MB	RM-003	
21	Baran	Antah	Kishanpura	Nov-16	03/11/2016	NANDA LAL		Dhani	Others	Aadhar Card	709057452100		Unclassified	MB	RM-003	
22	Baran	Antah	Kishanpura	Nov-16	03/11/2016	SANJAY	PANNA LAL	Bohat	SC	Aadhar Card	700167161762	9784822713	Unclassified	HF	HF-174	
23	Baran	Antah	Kishanpura	Nov-16	14/11/2016	RAJU	NAZAR	Mangrol	SC	Driving Licens	LVC1638337		Unclassified	MB	RM-003	
24	Baran	Antah	Mahalpur	Nov-16	17/10/2016	PARMANAND	PRABHU LAL	Chenpuriya	SC	Aadhar Card	807327833432	7297875565	Unclassified	MB	RM-003	
25	Baran	Antah	Mahalpur	Nov-16	17/10/2016	DURGA SHANKAR		Khanpuriya	General	None			9928022056	Unclassified	MB	RM-030
26	Baran	Antah	Mahalpur	Nov-16	17/10/2016	GIRRAJ	RAM NARAYAN	Mundya	SC	Aadhar Card	202558280262	7413977397	Unclassified	MB	RM-003	
27	Baran	Antah	Mahalpur	Nov-16	19/10/2016	INDRARAJ	HAJARI LAL	Borda	SC	None			9929780095	Unclassified	MB	RM-010
28	Baran	Antah	Mahalpur	Nov-16	19/10/2016	BHANWAR LAL	GOBRI LAL	Bohat	SC	Aadhar Card	600334286015	8561924195	Unclassified	MB	RM-003	
29	Baran	Antah	Mahalpur	Nov-16	20/10/2016	RAMVILAS	MANNNALAL	Jhadwa	SC	None			9929161821	GIR	G-10	
30	Baran	Antah	Mahalpur	Nov-16	26/10/2016	RAMVILAS	MANNA LAL	Jhadwa	SC	Aadhar Card	810851556614	9680180006	GIR	GIR	G-10	
31	Baran	Antah	Mahalpur	Nov-16	28/10/2016	RADHESHYAM	MANGI LAL	Seendhni	SC	Aadhar Card	216564951760	9429362803	Unclassified	MB	RM-003	
32	Baran	Antah	Mahalpur	Nov-16	28/10/2016	GOVIND	PREM CHAND	Mangrol	General	Aadhar Card	571357267484	9636052762	Unclassified	MB	RM-003	
33	Baran	Antah	Mahalpur	Nov-16	31/10/2016	BABU LAL	HIRA LAL	Borda	ST	Aadhar Card	952436976274	9413653005	Unclassified	MB	RM-003	
34	Baran	Antah	Mahalpur	Nov-16	01/11/2016	BRAJMOHAN	RATIRAM	Shahapura	SC	Aadhar Card	900538076823	9649107126	Unclassified	MB	RM-003	
35	Baran	Antah	Mahalpur	Nov-16	01/11/2016	SATYANARAYAN	MODU LAL	Karadiya	SC	Aadhar Card	414343923656	9587803449	Unclassified	MB	RM-003	
36	Baran	Antah	Mahalpur	Nov-16	04/11/2016	SOBHAG	RAM KISHAN	Reejhya	SC	Aadhar Card	608243275381	9829831375	Unclassified	MB	RM-003	
37	Baran	Antah	Mahalpur	Nov-16	05/11/2016	BRAJ MOHAN	MATHURA LAL	Bhojya Khedi	SC	Aadhar Card	495633102030	9571528001	Unclassified	MB	RM-003	
38	Baran	Antah	Mahalpur	Nov-16	05/11/2016	CHAMELI BAI	SHREE LAL	Mangrol	SC	Aadhar Card	892766772280		Unclassified	MB	RM-003	
39	Baran	Antah	Mahalpur	Nov-16	05/11/2016	JUGAL	RAM GOPAL	Shahapura	SC	Aadhar Card	469890804391	9929712814	Unclassified	MB	RM-003	
40	Baran	Antah	Mahalpur	Nov-16	06/11/2016	JAGDISH	RAM CHAND	Karadiya	SC	Aadhar Card	832884585405	9928325384	Unclassified	MB	RM-003	
41	Baran	Antah	Mahalpur	Nov-16	06/11/2016	RAM	LAXMI NARAYAN	Isharpura	SC	None			7073276268	GIR	G-10	
42	Baran	Anthia	Baladra	Nov-16	09/11/2016	SURESH	RAMNARAYAN	Ghorigaon	ST	Other	37788437368		Unclassified	MB	RM-003	
43	Baran	Anthia	Baladra	Nov-16	10/11/2016	LOKESH	GOPAL	Patonda	SC	Aadhar Card	542101993603		Unclassified	MB	RM-030	

# About JK BovaGenix Initiative

## IVF – Technology for breeding

- Extensive Training of four Officials in USA on latest Assisted Reproductive Technologies in Cattle
- 2 - High Tech Labs namely “Dr Vijaypat Singhania Centre of Excellence for Assisted Reproductive Technologies in Livestock” in Chhattisgarh and Maharashtra
  - Most advanced ET-IVF Lab for Cattle in India
- Highly complex and technical procedure
- Concept – Similar to Human IVF
- Benefits:
  - Preserving and propagating indigenous cattle breeds of India as per the Flagship program of the Govt. of India - “Rashtriya Gokul Mission”
  - Bringing this advanced technology from sophisticated labs to the door-step of dairy farmers through Mobile ET-IVF van

# JK BovaGenix Facilities



Chhattisgarh



Maharashtra

# JK BovaGenix Facilities- Chhattisgarh



# Mobile Cattle Embryo Transfer (ET) and In-Vitro Fertilization (IVF) Lab



# The use of IVF for cattle

- **Dysfunctional reproductive anatomy**
- **Females that stimulate but do not fertilize**
- **Sick or injured females**
- **Young heifers**
- **Repeat oocyte collections to get more embryos**
- **Harvest extra ova from pregnant females**
- **More efficient utilization of semen**
  - **Highly valuable or deceased sires**
  - **Sex sorted semen**

# Achievement of JK BovaGenix in Cattle IVF

- Trials Conducted in Indigenous cattle breeds of India from April'16 onwards
  - Donor Breeds selected: Sahiwal, Gir, Tharparkar, Ongole, Red Sindhi, Rathi.
- Large scale IVF pregnancies and calving in India for the first time
- Till date, 45 IVF Pregnancies are confirmed
- 28 from Fresh IVF Embryos
- 17 from Frozen IVF Embryos
- The first lot of 6 IVF Calves has already born, out of which 3 calves were born from Fresh embryo and 3 calves were born from frozen embryo during the period from last week of December'2016 to Jan'2017

# IVF Calves of JK BovaGenix



Tharparkar donor cow along with three of her IVF calves produced through frozen IVF embryos using crossbred cows as recipients (foster mothers)



India's first IVF male calf (Krishna) born from frozen IVF Embryo along with his crossbred Foster Mother at the farm of JK BovaGenix at Gopalnagar



*Thank  
You. . .*

