

VETWARE PRIVATE LIMITED

**DAIRY ANIMAL PRODUCTIVITY ENHANCEMENT / GENETIC
IMPROVEMENT PROGRAMS**

With

HERDMAN

(ANIMAL DATA RECORDING SYSTEM)

Validated Under projects supported by

**National Bank for Agricultural and Rural Development, Mumbai
India Country Development Marketplace Award -World Bank, New Delhi**

Extensively tested at

Chitale Dairy / NDRI / Hatsun / Prabhat / and Commercial farms all over India

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Herdman Networking Solutions:

Herdman has been developed in modular form so that in different phases additional modules could be added: The modules are:

1. **Core Module** including Master entries, Breeding, production, health lifetime records, reports and herd performance analysis
2. **AI-Breeding Services**
3. **Milk Production Recording and analysis**
4. **Health Module:** Data on vaccination, disease diagnosis, treatment, sickness episodes, etc. can be stored and analyzed.
5. **Tele-veterinary Services**
6. **Dashboard-** Service tracking, Staff field tracking, Body Condition Scoring
7. **Service charges online deduction**
8. **SMS / notification services**

Salient Features of Herdman:

- The program enables maintaining of lifetime animal records of **cows** and buffaloes
- The records of cow and buffalo are maintained in the same database, but the data analysis and report generation can be undertaken separately.
- The data analysis capability **for different breeds of cow**
- The program can be custom designed for different breeds by defining parameters
- The data can be analyzed as fertility and production indices
- Generates daily action lists for smooth farm / service management

- The software is window-based and provides the computing and analysis and networking strength of VB.Net and SQL-Server (Oracle) as database.
- It is icon / menu driven hence even a moderately literate farmer can operate the software without any difficulty.
- The records of all categories of animals, such as, calves, heifers, adults, breeding bulls and working bullocks can be maintained.
- The records of culled, sold or died animals maintained in archive files that can be retrieved easily to analyze the data

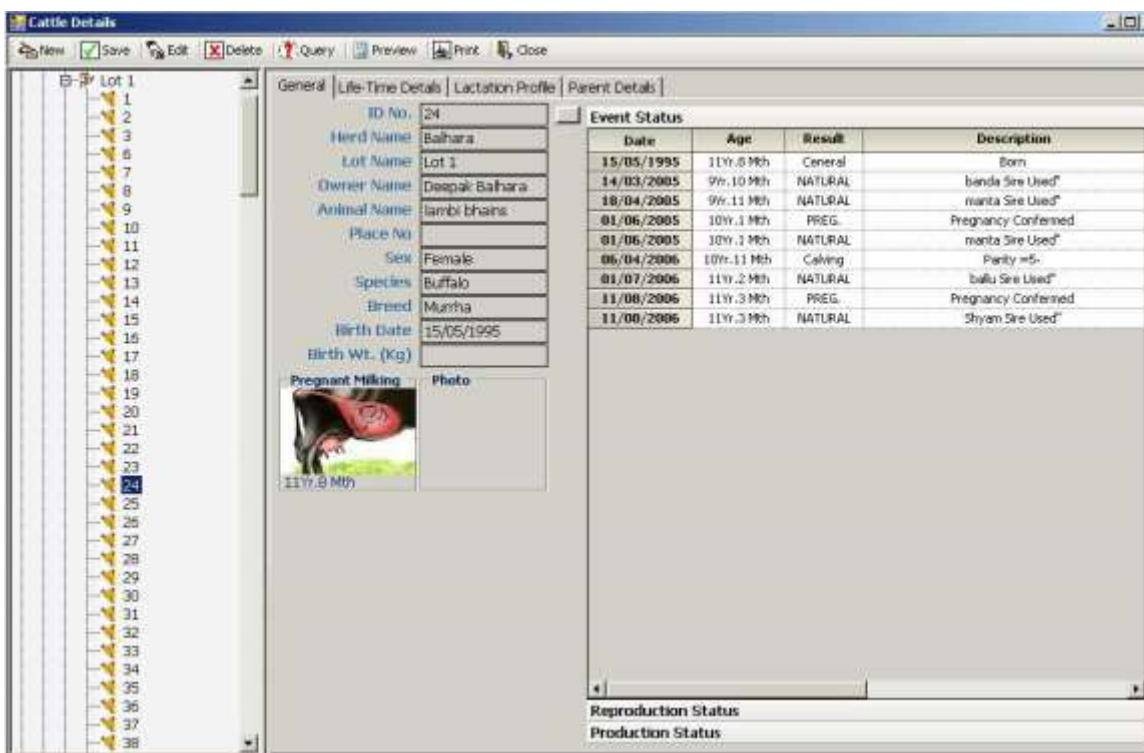
What Data can be maintained? Following categories of data can be maintained:

- All estrus and AI events with details such as insemination / skip / natural service, sire details for all the parities and the AI technician details. Details of treatment given at the time of AI

- Based on heat synchronization protocols , the program predicts estrus due
- The results of the pregnancy tests / abortion, etc
- Drying off, udder examination report and treatment records at the time of drying-off
- Calving and relevant details.
- Milk records with composition reports
- All sickness events and treatment records
- Feeding details in respect of each animal
- Animal movement records, sold, culled, died, etc.
- Medicine, semen straw, feed and fodder inventory
- Metabolic profiling records

Customized to divert needs: The program can be custom-designed: The program has been provided with facility of fixing the economic and management default values so that the program can installed as per the need of the dairy set up. Thus the program has flexibility of deployment in diverse dairy management set up.

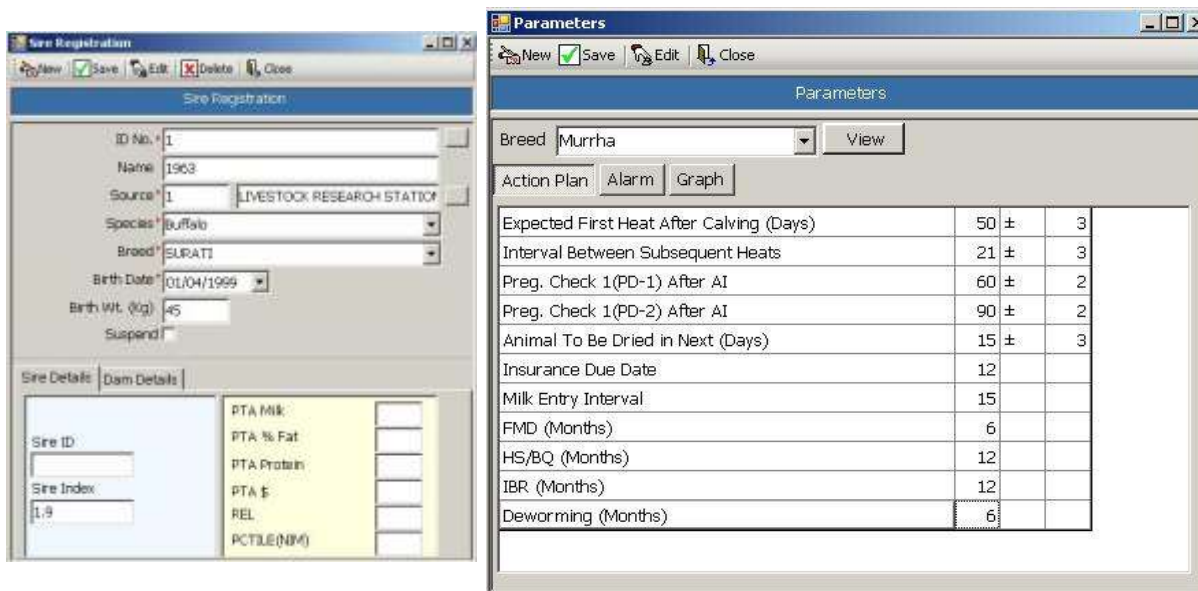
Core Animal Registration Module:



The animals can be registered after creating herds and lots. This makes the animal data access easy and the animals can also be maintained in groups of interest.

The 'Master Parameter' menu provides creation of master entries which can be accessed each time an animal is registered. The animal, parent, other details, such as, previous and current parity breeding, production and health records can be entered without any hassle. The missing parity or lactation data does not hamper analysis of the data.

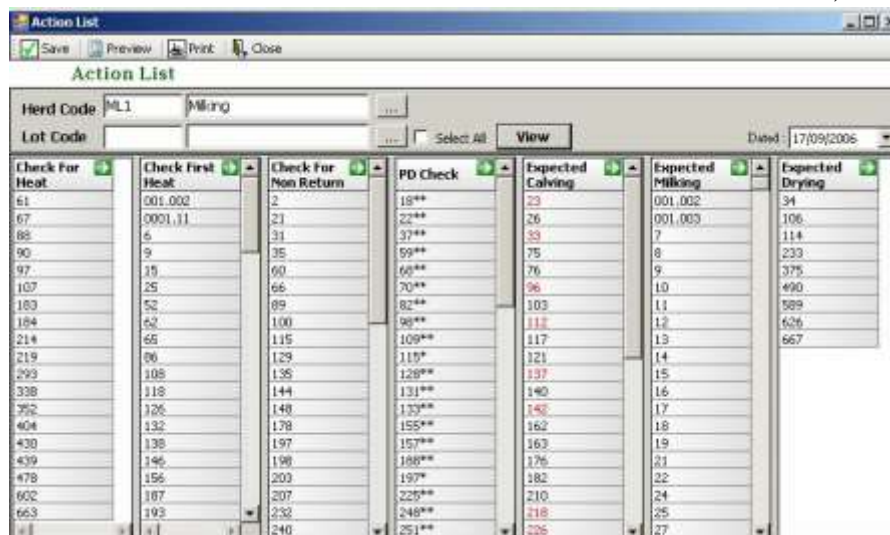
Custom designing of Herdman: The software can be custom designed for use in the farm. The Farm manager can define the breeding, production, health targets and action parameters suitable and applicable to the farm.



The parameters can be defined for different breeds of animals. Such a facility is available only in Herdman.

Data entry at multi-level: Multi-level data entry is possible. For example in case there are distinct staff carrying out a particular activity, the data entry is possible from a single form. The animal form can be accessed from many levels.

Action and Alarm Lists: Once the animal database is created, daily action and alarm lists can be generated which enables the veterinarian to undertake the management tasks effectively.



Registers:

**Unknown Dairy Farm
Live Female Progeny**

Date :-12/12/2006

Herd Name:-Milking

Idno	Birth Date	Name	Age	Place No	Owner Code	Sire	Dam	Status
224	15/08/1996	kundi patali	10Yr.4 Mth	-	003	-	-	Milking
234	15/02/2000	1 No. farasi	6Yr.10 Mth	-	003	-	-	Pregnant Milking
233	15/12/1998	kundi jhoti r	8Yrs	-	003	-	-	Pregnant Milking
232	15/01/1997	tall horn	9Yr.11 Mth	-	003	-	-	Milking
231	15/12/1999	jhoti nasal s	7Yrs	-	003	-	-	Pregnant Dry
230	15/02/2000	kundi	6Yr.10 Mth	-	003	-	-	Pregnant Milking
229	15/02/2000	round horn	6Yr.10 Mth	-	003	-	-	Pregnant Dry
228	15/05/1997	kali kandi	9Yr.7 Mth	-	003	-	-	Pregnant Milking
227	15/02/2000	lambe thun	6Yr.10 Mth	-	003	-	-	Pregnant Milking
215	15/07/1995	bichakani j	11Yr.5 Mth	-	003	-	-	Milking
225	15/01/1997	pakka chad	9Yr.11 Mth	-	003	-	-	Milking
237	15/11/2000	jhoti	6Yr.1 Mth	-	003	-	-	Milking

**Balhara Dairy Farm
Bulwise Progeny**

Date :-12/12/2006

banda

Idno	Dam	Birth Date	Age	Ist Lactation Yield
0010.1	001.002	05/06/2005	1Yr.6 Mth	-

Count : 1

Bhanu

Idno	Dam	Birth Date	Age	Ist Lactation Yield
001.222	-	-	-	-

Count : 1

Reports: All types of 'Reports' can be generated, which include administrative as well as technical. There is also facility for custom-designing of the reports as per your need.



'Herdman' is capable of generating several reports that are either for the current date or for the desired period. Reports such as, administrative, milk production, breeding, due for calving, semen utilization, heifer, calves, etc., can be generated with a click. Every report also provides a summary report of the herd or lot for various attributes. You can comply the reports to your administrator with just a click of mouse.

A number of technical reports can also be generated. For example, you can generate a report for animals that are to be pregnancy examined.

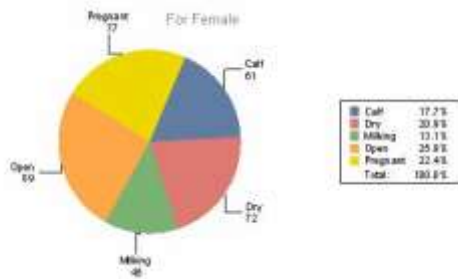
Unknown Dairy Farm
Danwise Daughter Register

Date :-12/12/2006

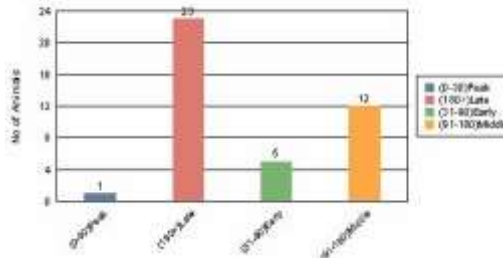
001.002

Idno	Sire	Birth Date	Age	1st Lactation Yield
0010.1	banda	05/06/2005	1 Yr.6 Mth	-
001.222	-	-	-	-

Count : 2



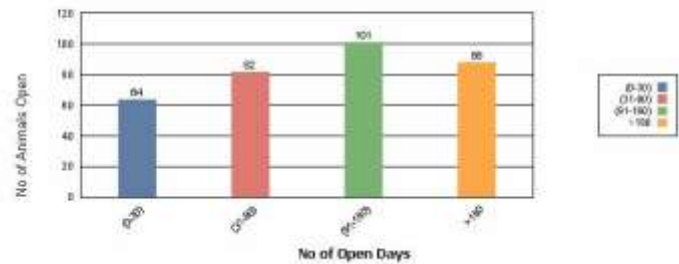
Profile Animals in Lactation



Herd Name :Milking

Unknown Dairy Farm

Profile of Animals Open



Well Known Dairy

Monthwise Conception during the period Dec-2005 to Dec-2006

April-2006

Idno	Conception Date	No Of A.I	Sire Name
Kanathi(243)	26/04/2006	1	UNKNOWN
Gokul(18)	12/08/2006	1	UNKNOWN
Gyani(135)	16/01/2006	3	UNKNOWN
Heeral(242)	20/06/2006	1	UNKNOWN
Hema(154)	21/12/2005	1	UNKNOWN
Hemu(168)	30/01/2006	2	UNKNOWN
Hemu(168)	30/01/2006	2	UNKNOWN
Jaanaki(46)	23/03/2006	1	UNKNOWN
Jalpari(239)	15/04/2006	1	UNKNOWN
Madhurai(5)	05/07/2006	4	UNKNOWN
Kalpana(150)	10/02/2006	1	UNKNOWN
Chandramukhi(20)	07/04/2006	3	UNKNOWN
Koyal(257)	25/07/2006	1	UNKNOWN
Krishna(201)	23/12/2005	1	UNKNOWN
Kumkum(235)	11/09/2006	1	UNKNOWN
Kurthi(125)	31/12/2005	2	UNKNOWN
Latori(138)	05/02/2006	1	UNKNOWN

Well Known Dairy

Lactation Record for Milking Animals during the period Aug-2006 to Dec-2006

Print Date - 12/12/2006

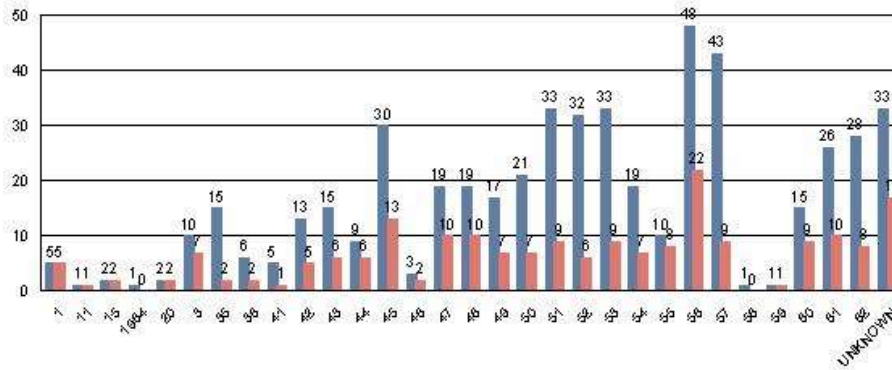
Herd Name: Buffalo

Mil No.	Caking Date	L.L.	Days											Total(kg.)		
			30	60	90	120	150	180	210	240	270	300	>305			
			Milk Yield(kg.)													
Anushil(129)	18/10/2006	55	181.0	239.8	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	420.8
Baby(134)	10/10/2006	63	78.9	210.7	19.8	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	309.4
Bipula(206)	22/09/2006	81	88.1	198.5	157.9	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	444.6
Chaita(170)	16/08/2006	138	182.1	223.8	204.0	202.4	4.5	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	816.9
Gyani(135)	23/11/2006	19	140.4	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	140.4
Hema(154)	11/10/2006	62	30.6	63.4	3.6	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	97.7
Hema(168)	02/12/2006	10	49.8	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	49.8
JayaPradha(140)	11/11/2006	31	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
Kamala(228)	27/08/2006	107	129.0	168.7	210.5	124.1	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	632.4
Kashi(137)	31/10/2006	42	160.6	96.9	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	257.6
Kavitha(104)	23/08/2006	111	167.0	241.0	205.8	177.9	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	791.7
Kumtha(125)	21/11/2006	21	114.6	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	114.6
Lata(138)	02/12/2006	10	49.6	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	49.6
Madhu(145)	10/11/2006	32	114.6	10.7	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	125.2
Murga(189)	17/08/2006	117	119.3	179.9	201.5	183.6	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	684.3

Semen Straw Inventory Management: Herdman' also automatically maintains the semen straw or bull records. Very time a straw from a bull is used, the records for straw and the bulls are updated and once the animal is confirmed pregnant, the pregnancy is added in the record of the bull. Herdman also produces the bull performance report for the farm. Consolidation of such report from all the farms / village enables calculation of bull indices.

Thus, the Farm Manager can analyze fertility data and take decision on use of different bulls in the farm.

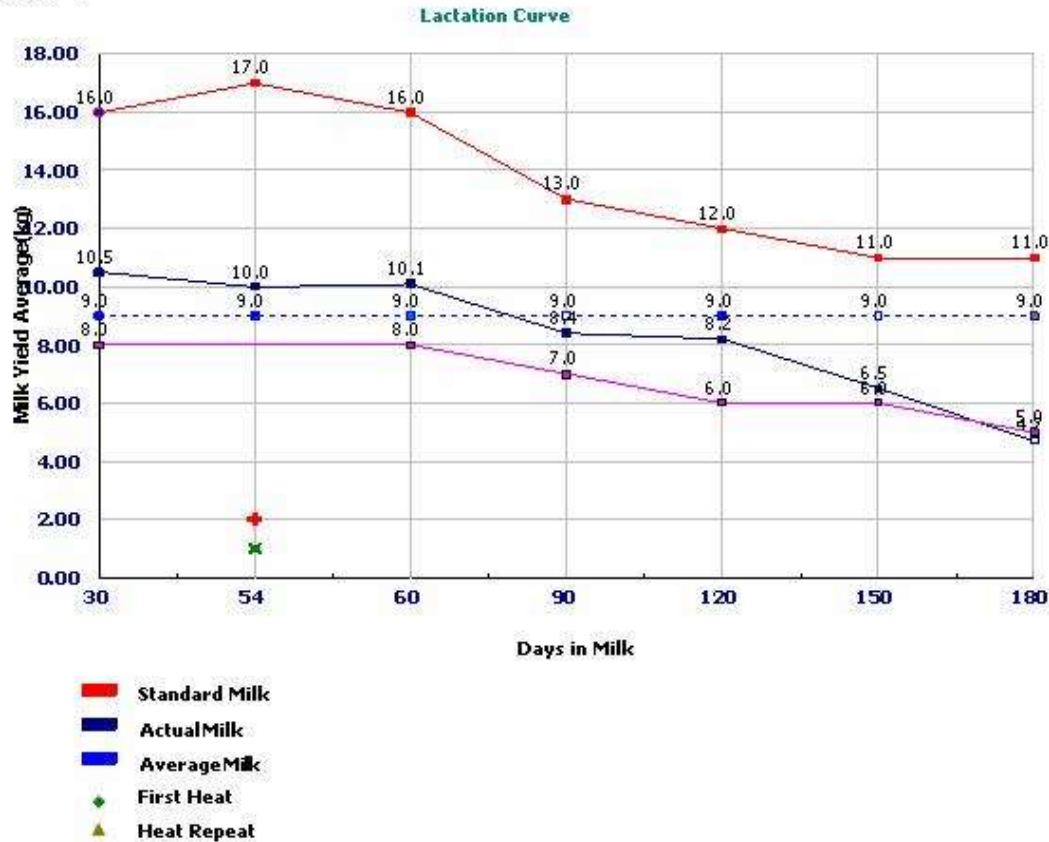
Sire Performance Graph



Well Known Dairy Monthly Expected For Calving

Idno :- 91

Parity :- 8



Lactation Curve: the program can generate lactation curve from the milk production data. The curve also depicts other events related to lactation curve such as heat, pregnancy, disease treatment, etc.

Customized Reports:

Herdman provides facility for customized reports. From amongst more than 180 parameters the veterinarian or manager can select any number of parameters and generate report of his choice. There is also facility to sort data for various parameters. The unique feature of Herdman is sorting of animals' performance based on its outcome such as economic efficiency of the animal. This enables the manager take decisions based on economic performance of the animal. This also allows selection of animals for breeding purposes.

Custom Report Wizard

Report Title:

Herd Name:

Id No.	Age	Inseminator	Parity	No Of A.I
1M	7 11Mths	105	3	1
2M	6 10Mths	103	3	1
3M	8Yrs	103	4	1
4M	7 8Mths	103	4	1
5M	6 8Mths	103	3	1
6M (3187)	13 5Mths	103	7	2
7M (3443)	11 9Mths	103	6	1
8M (3593)	8 9Mths	UNKNOWN	5	2
9M (3764)	8 9Mths	UNKNOWN	3	5
11M (3867)	7 3Mths	UNKNOWN	2	1
12M (3868)	7 3Mths	103	2	9
13M (3896)	7Yrs	103	3	2
14M (3959)	6Yrs	UNKNOWN	2	2
15M (4005)	5Yrs	UNKNOWN	2	1
16M (4009)	4 11Mths	103	2	2
17M (3931)	6 4Mths	103	1	2
18M (3971)	5 10Mths	103	2	1
21M (4048)	4 4Mths	103	1	1

H1-L.R.S
 H2-MURRHA
 N1-Mew Herd
 new1-my herd
 R1-Rampur
 sa1-punaa
 T1-Test1

All

Salvage
 Disposal

General
 Age
 Age at Disposal
 Birth Date
 Breed
 Birth Wt.
 Disposal Date
 Disposal Reason
 Disposal Type
 Herd Name
 Id No.
 Linear Score
 Lot Name
 Name
 Owner Name
 Purchase Source
 Purchase Cost
 Sex
 Sire
 Sold Rate
 Species
 Status
 Transponder Number

Breeding
 Age First Calving

Custom Report Wizard

Report Title:

Id No.	No Of A.I	Last Breeding Sire Used	Days Last AI	Days in Milk	Most Recent 24 Hour Milk
7	10	YUNARAJ	244	599	3.7
9	8	-	268	626	0.6
17	-	-	-	254	5.8
27	17	YUNARAJ	254	934	3.6
60	-	-	-	269	10.8
64	5	AJAY	274	515	3.4
65	13	VIJAY	274	691	5
70	-	-	-	366	6.5
76	-	-	-	253	6.6
77	2	-	379	465	3.6
81	2	AJAY	250	320	6.8
94	-	-	-	253	13.9
102	6	AJAY	270	551	-
110	-	-	-	251	12.2
142	4	YUNARAJ	296	487	2.4
153	-	-	-	277	7.7
168	6	VIJAY	269	472	-
173	8	ROBIN	700	590	-
198	-	-	-	260	6.6
196	5	YUNARAJ	244	464	3.5
202	-	-	-	275	10.4
204	-	-	-	254	13.7
220	-	-	-	283	12.2
222	-	-	-	341	6.2
224	-	-	-	264	11.9
239	-	-	-	302	10.8
283	-	-	-	330	6.4
310	-	-	-	311	7
313	8	TYSON	247	496	5.9
342	-	-	-	306	-

H1-Milking
 H2-Pulse
 H3-Dry
 H4-CALF SECTION
 SL1-Silage

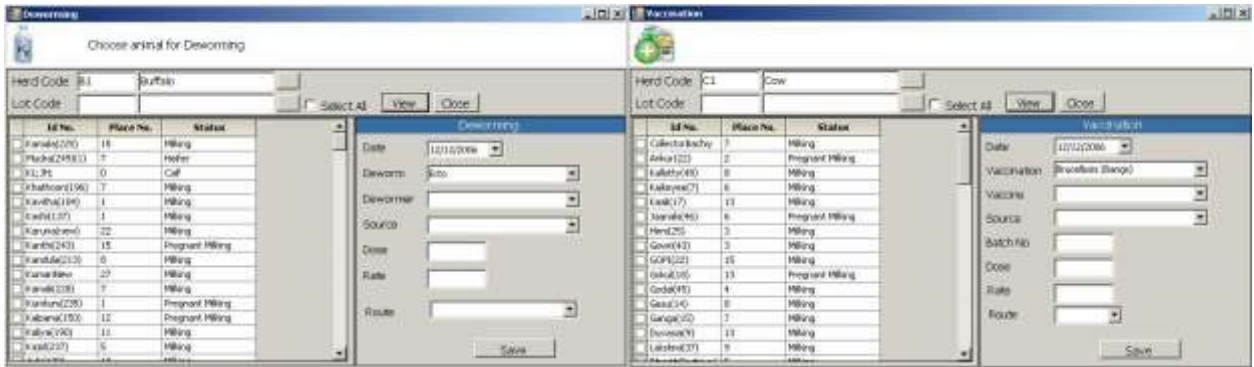
All
 Lotwise
 Ownership
 Ancestry
 Female Male
 Current
 Adult Heifer Calf
 All
 Open
 Pregnant
 Milking
 Dry
 Periodic

Salvage Disposal

Milking
 Completed Lactation
 Days in Milk
 Lactation Yield
 100 Days Milk Yield
 305 Days Milk
 Avg. Milk Yield
 Peak Yield
 Days to Peak
 Seven Days Avg.
 Today's Adjusted Milk
 Most Recent 24 Hour Milk
 Most Recent % Fat
 Most Recent % Protein
 Most Recent Lactation Protein
 Most Recent Lactation Fat
 Most Recent Lactation Milk
 Most Recent Milk Test Date

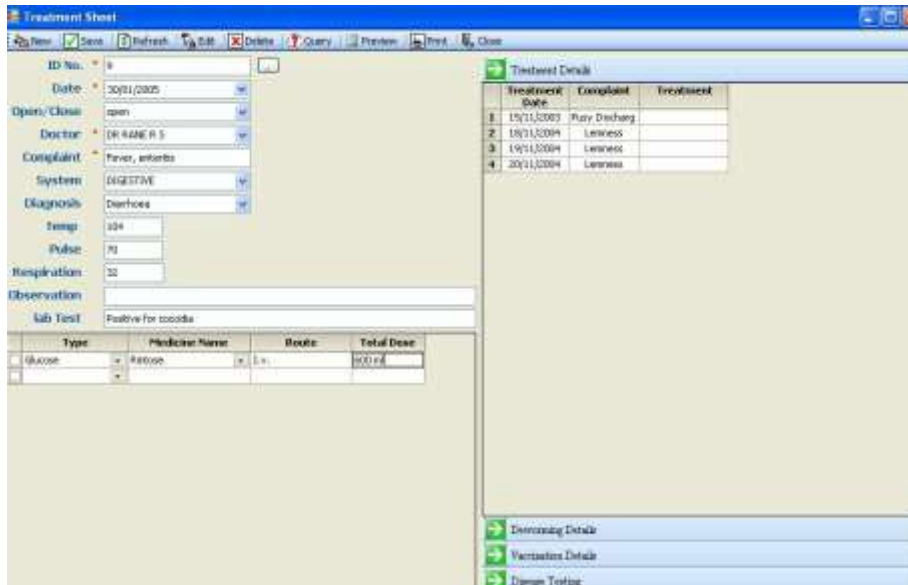
1st Group:
 2nd Group:

Vaccination and Deworming Records: The records of all vaccination and deworming can be entered as village herds and maintained. The data of production, fertility can be correlated with these parameters.



De-worming and Vaccination entry forms for the village cooperative herds

Sick Animal Case papers and treatment records: ‘Herdman’ maintains lifetime records of all



the treatment carried out in individual animal. The database for different symptoms, systems, and the diseases are in-built so the user has to just select from the combo box. The program also indicates the dose rates for different drugs and the milk withdrawal alarm is also given. The old treatment records can be retrieved with a

click. This also enables calculation of true disease rates in the farm. When antibiotics are used, the software also warns the farmers about the residues within the withdrawal period. Many software currently available do not have this facility.

Herd performance indices: The ultimate objective of the animal data management is to

Production And Reproduction Performance

Production Reproduction Performance

Herd Code: H1 Miling

Lot Code:

From: 01/01/2007 To: 31/12/2007 Select All View Preview Detail Close

Parity (No of Observation) Id No.	Avg. age at Calving (Years)	Avg. Service Period (Days)	Avg. Dry Period (Days)	Avg. Calving Interval (Days)	Avg. Gestation (Days)	Avg. Calving to Conception	Avg. No of A.I./Conception
1(20)	2.95±0.25	57.75±3.52	-	-	294.65±5.52	74.6±4.21	1.35±0.18
2(14)	3.93±0.35	62.38±5.18	55.54±17.28	462.79±41.98	287.79±6.38	179.54±19.46	3.36±0.68
3(17)	5.12±0.19	56±4.66	67.76±12.92	428.82±21.8	295.41±4.17	121±22.57	2.59±0.31
4(6)	7±0.63	52.5±9.7	137.67±72.55	457±101.08	301.5±6.57	106±8.08	2.5±0.76
5(10)	8.1±0.23	60.68±4.15	100.5±5.55	399.4±10.25	308.3±1.54	95.67±15.22	2.3±0.26
6(16)	9.19±0.52	49.8±1.41	94.47±14.17	411.25±13.84	300.75±4.00	85.29±10.95	2.75±0.57
7(12)	10.98±0.73	53.33±4.22	102.92±22.47	390.58±30.46	296.33±5.66	62.5±11.84	2.67±0.82
8(4)	12.25±1.11	55.547.42	71.75±24.5	428.25±39.81	316±7.6	-	2.75±1.18
9(2)	13±2	50±5	129.5±7.5	436.5±64.5	299.5±0.5	65	4.5±2.5
Avg±StdDev(101)	6.24±0.31	55.81±1.51	85.44±7.26	426.09±11.48	296.83±1.97	97.48±5.42	2.46±0.19
Avg±StdEr(101)	5.24±3.11	55.81±15.18	85.44±72.95	426.09±115.41	296.83±19.7	97.48±54.47	2.46±1.94

analyze the data to calculate production, breeding and herd indices to indicate how the herd is performing. Herdman calculates production and reproduction-based herd indices (as mean \pm Standard deviation) for each lot or herd. This is the unique feature of this software.

Herd indices, such as, average milk yield per lactation day, average yield per lactating animal, peak yield, days to peak yield, average lactation length, etc., can be calculated.

The reproduction-related indices that can be calculated are: mean age for first heat in heifers,

Production And Reproduction Performance

Production Reproduction Performance

Herd Code: H1 Miling

Lot Code:

From: 01/01/2007 To: 31/12/2007 Select All View Preview Detail Close

Lactation (No of Observation) Id No.	Avg. Lactation Length	Avg. Lactation Yield(kgs)	305-days Milk Yield(kgs)	100-days Milk Yield (kgs)	Avg. Peak Yield(kgs)	Avg. Peak (Days)	Avg. Yield (kgs)
1(13)	341.38±19.2	2119.63±239.93	2011.93±233.92	870.18±110.48	11±1.33	50.38±6.99	6.34±0.75
2(15)	388.87±45.88	1859.28±171.74	1770.09±158.3	798.30±70.47	10.79±0.86	38±8.57	5.15±0.51
3(12)	326.08±27.24	2038.24±175.68	1946.45±131.91	970.01±39.88	15.84±3.89	33.83±6.49	6.34±0.39
4(12)	360.42±96.95	1171.17±149.68	1169.06±148.85	614.48±54.17	9.32±0.61	29.59±5.91	4.01±0.46
5(17)	318.41±21.43	1829.88±184.96	1719.64±145.48	822.26±48.64	13.46±1.76	54.47±12.58	5.79±0.31
6(25)	306.94±22.01	1791.88±160.37	1669.18±139.39	832.22±56.54	62.28±49.54	50.67±10.29	5.59±0.3
7(2)	360±103	2255.93±907.62	1908.72±640.43	1015	686.35±671.95	156±94	6.26±0.98
8(1)	235	1207.1±0	1207.1±0	699.3±0	10.0±0	24	5.14±0
Avg±StdDev(57)	339.95±16.09	1814.12±75.83	1721.9±66.71	823.31±27.25	25.64±13.07	44.24±4.02	5.55±0.19
Avg±StdEr(57)	338.95±158.4	1814.12±746.8	1721.9±650.98	823.31±208.43	25.64±128.76	44.24±39.61	5.55±1.86

mean age of calving in heifers, mean days after calving to first heat, mean conception rate, mean A.I. per conception, etc.

The village / block or district level data can also be analyzed for other economic parameters.

The analysis as indices facilitate

diagnosis of problems in the herds so that feeding or management or therapeutic intervention decisions can be taken.

Apart from conventional performance indices, the data can also be analyzed for economic indices which are important to plan for cost reduction to help farmers maximize profits.

Well Managed Dairy Farm							
Herd Performance Indices from 01-01-2007 To 30-06-2007							
Reproduction Indices (Adults)							
Avg. Duration Of First Heat After Calving	54±2.11						
Avg. Inter Calving Period	431±1054						
Avg. Calving to Conception Interval	115±1344						
Avg. Services Interval	26±1.48						
Avg. No Services Per Conception Rate (%)	2.69(37.14%)						
% Animal Negative on PD	29%						
Dystocia %	100%						
L.O.P (% Calving)	100%						
Morbidity %	100%						
Animal with Open Period(% Open Animals)				Animal Pregnant (% Pregnant Animals)			
Unbred		Bred		0-70	1-120	>120	
0-70	>70	1-120	>120				
0(0)	9(100)	0(0)	41(100)	22(51.16)	15(34.89)	6(13.95)	
Conception Rate(%)							
1	2	3	>=4	Overall	Conception		
10(38.46)	6(23.08)	4(15.38)	6(23.08)	26	37.14		
Production Indices (Adults)							
Avg. Milk Yield (kg)	1186±117.57						
Avg. Milk Yield (kg) 305 Days	1096±9874						
Avg. Milk Yield (kg) 100 Days	611±3507						
Avg. Lactation Days	448±34.1						
Avg. Peak Milk Yield	10±0.32						
Avg. Peak Days	59±9.71						
Avg. Milk Yield Per Day	6±0.31						
Avg. Dry Period	117±888						
Sire wise conception rate in adult							
	1	2	3	4	>4	Overall	Conception Rate
Inseminator wise conception rate in adult							
	1	2	3	4	>4	Overall	Conception Rate
MIL PV KUMBHAR	6/7	5/6	4/4	1/1	1/5	17/23	73.91%

Economic Parameter-based herd performance indices

Digital Vaccination Certificate: Vetware generates vaccination certificate for each farmer which is deposited in the animal file and the owner cell phone. The farmer is also provided alerts when due for vaccination. Maps of complying and non-complying farmers with disease occurrence can be generated.

Dashboard for tracking services, Geo Maps and Analytics:

A browser-based dashboard enables the managers to track the service provider works in the field in real-time, calculate km travelled based on Google maps and time spent on field visit. The tracking is based on detection of the GPS location and the scanning of the ear tag of the animals serviced.

• Registration:: 566 • Milk:: 369 • A.I.: 977 • PD:: 350 • Calving:: 54 • Treatment:: 170

Sheet: Rajshabhu Data Type: A.L.L. Total Animals Registered: 346598 Animals Registered Today: 566 | 105081

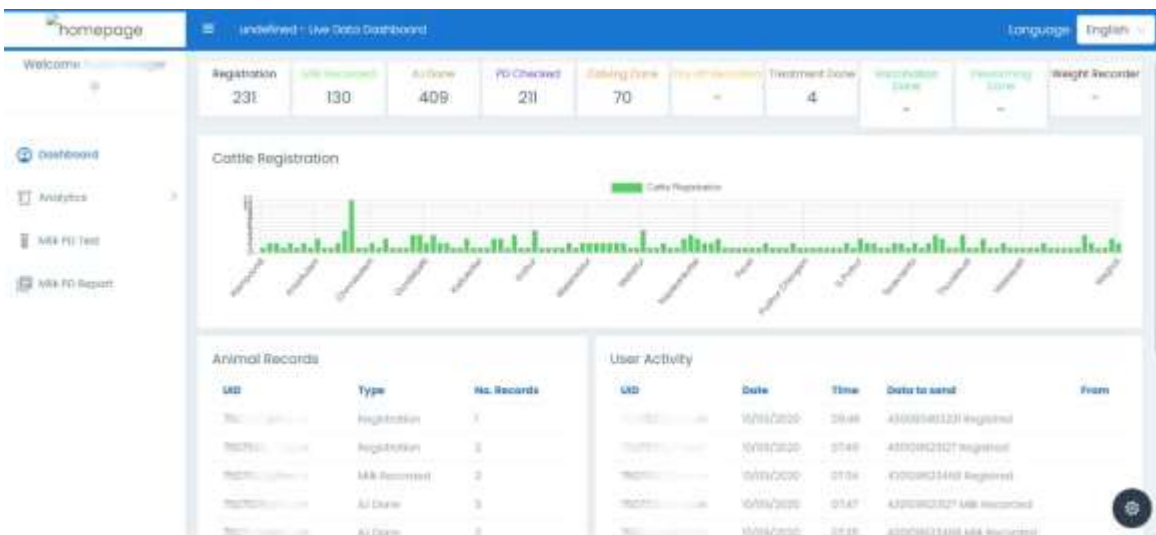
No.	User	Log In Time	Log Out Time	No.	User	Type	Records	No.	User	Type	Sending Date	Resolving Time	Date Sent	Log in Device
1	Ujjwal	6/25/2018 5:01:40 AM	6/25/2018 5:07:05 AM	1	Ajwani	PD	1	1	Ajwani	PD	25-06-2018	14:34	4200020872021-20 Entry	Mobile
2	A. Manjaram	8/24/2016 2:29:19 PM		2	Ajay	A.I	11	2	Sekig	PD	23-06-2018	14:34	420005670001-20 Entry	Mobile
3	Ashpati	8/28/2016 11:09:25 AM	8/28/2016 11:12:18 AM	3	Ajay	Calving	3	3	Hangari	Farm Settings	25-06-2018	14:34		Mobile
4	Atarshi	5/26/2017 12:00:13 PM	5/26/2017 12:08:30 PM	4	Ajay	Registration	5	4	Ajwani	PD	25-06-2018	14:33	420002700012-20 Entry	Mobile
5	Atarshi	5/4/2018 3:12:19 PM	5/4/2018 3:30:16 PM	5	Ajay	Farm Settings	1	5	Ajwani	Farm Settings	25-06-2018	14:33	42000362328-20 Entry	Mobile
6	Atary	8/25/2018 8:26:42 AM		6	Atary	PD	7	6	Ajwani	A.I	25-06-2018	14:33	420002770005-20 Entry	Mobile
7	Ajwani	4/4/2018 10:03:30 PM		7	Ajwani	A.I	4	7	Ajwani	PD	25-06-2018	14:33	420002720206-A.I Entry	Mobile
8	Akarpooal	9/12/2018 9:40:39 PM		8	Ajwani	Registration	4	8	Ajwani	PD	25-06-2018	14:33		Mobile
9	Akarpooal	6/22/2018 8:52:57 AM	6/22/2018 10:00:15 AM	9	Ajwani	Farm Settings	2	9	Ajwani	PD	25-06-2018	14:33		Mobile
10	Akarpooal	8/28/2017 2:29:27 PM	8/28/2017 2:33:52 PM	10	Akarpooal	Registration	1	10	Akarpooal	A.I	25-06-2018	14:33		Mobile
11	Akarpooal	5/21/2018 8:52:44 PM		11	Akarpooal	A.I	5	11	Akarpooal	Calving	25-06-2018	14:33		Mobile
12	Akarpooal	6/18/2018 8:11:43 PM	6/18/2018 8:12:17 PM	12	Akarpooal	Registration	1	12	Akarpooal	Registration	25-06-2018	14:33		Mobile
13	Akarpooal	8/18/2017 12:50:30 PM	8/18/2017 1:04:29 PM	13	Akarpooal	Calving	3	13	Akarpooal	Farm Settings	25-06-2018	14:33		Mobile
14	Akarpooal	6/3/2018 6:14:47 PM	6/3/2018 6:15:27 PM	14	Akarpooal	Farm Settings	1	14	Akarpooal	PD	25-06-2018	14:33		Mobile
15	Akarpooal	6/23/2018 11:20:31 PM	6/23/2018 11:20:31 PM	15	Akarpooal	Farm Settings	1	15	Akarpooal	A.I	25-06-2018	14:33		Mobile
16	Akarpooal	2/4/2017 1:13:00 PM	2/4/2017 1:26:34 PM	16	Akarpooal	PD	1	16	Akarpooal	A.I	25-06-2018	14:33		Mobile

Animals Registered by Paravet


Doctor Services Tracking:



Live-Services Data Tracking:



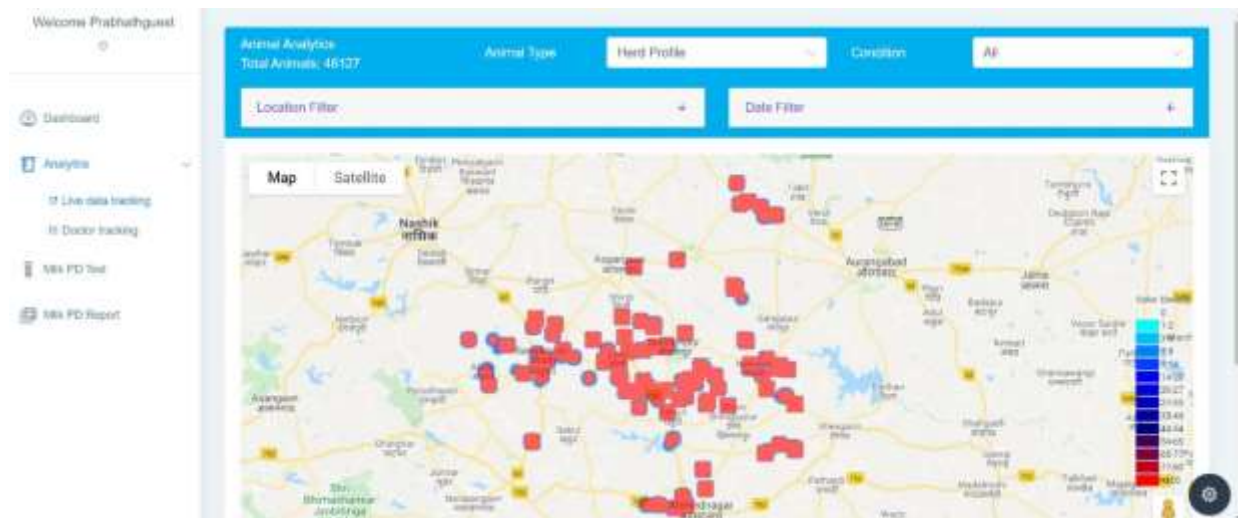
Liquid Nitrogen and Accessories Distribution:

 **Paravet Sheet/Gun/Glowse/LN2 Distribution**
 This form enables the synchronization pashu-mitra and veterinary officer. This requires first defining Schedule so that accordingly Herdman can generate Daily Shedule lists.

Date:

	Paravet	LN2	Sheet Pack	Gun	Glowse
1	A.Adithan	2.6	20	3	30
2	A.ANANTH	3.6	13		43
3	A.Boopathi	2.5	18		34
4	A.Duraisamy	2.8	19	10	40
5	A.Elango	2.75	18		42
6	A.Gopichandiran	2.7	7	11	44
7	A.Janbasha	2.65	18		46
8	A.Joseph Vimalraj	2.6	19		48
9	A.Kanagaraj	2.55	19		50
10	A.Karthik	2.5	19		52
11	A.Kumar	2.45	23		54
12	A.Manikandan	2.4	19		56
13	A.Muniyappan	2.35	24	12	58
14	A.Muniyappan	2.3	20		60

Animal Traceability with GPS maps:



Sire Performance Report:

Custom Report Center/State/Year/Performance...

Report Name: Sire Performance Filter By: Specific: All Breed: [Dropdown]

Report By: Calves or Sires or All Sires Select Age Group: Both, Adult, Infant, Calf Select Status: All, Open, Preg, ML, Dry

Select Field Type: [Dropdown] Show Animals Count: [Checkbox]

Route-wide Sire Performance Report Year in 2009

Sire Name	Sire ID	1st AI	Pregnant	2nd AI	Pregnant	3rd AI	Pregnant	4th AI	Pregnant	5th AI	Pregnant	6th AI	Pregnant	7th AI	Pregnant	8th AI	Pregnant	9th AI	Pregnant	10th AI	Pregnant	Percent
COI	540	42	35	21	14	7	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	43
COI	541	26	7	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15
COI	542	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50
WFJE	8551	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	46
WFJE	8552	138	88	57	37	24	16	11	17	11	20	10	17	11	20	10	17	11	20	10	17	47
MA(NE)	450	80	57	36	21	12	7	4	2	2	2	2	2	2	2	2	2	2	2	2	2	41
SanDie	455	21	14	7	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	24
Wack	480	22	15	8	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	24
CHSTAY	481	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	24
Sub TA	8551	188	118	65	37	21	12	6	3	3	4	2	4	2	4	2	4	2	4	2	4	27
AMAFWGL	481	1226	1425	847	516	300	184	99	128	67	108	47	108	47	108	47	108	47	108	47	108	47
WJ547	8551	8	5	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	40
SH-181	8551	230	182	146	96	42	24	12	15	12	12	12	12	12	12	12	12	12	12	12	12	42
Taylor	480	1228	1442	850	526	321	192	98	128	68	108	47	108	47	108	47	108	47	108	47	108	47
Unkown	500	164	43	21	10	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	12
Unkown	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
Unkown	8629	8079	234	121	59	30	16	8	4	4	4	4	4	4	4	4	4	4	4	4	4	100
TRV	450	28	18	9	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
Sub TA	8551	81	47	26	14	7	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	100
TR1832	342	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
AM204	545	162	101	58	30	14	7	4	2	2	2	2	2	2	2	2	2	2	2	2	2	100
OR40381	2482	1435	875	577	300	148	72	36	18	14	14	14	14	14	14	14	14	14	14	14	14	100
Sub TA	547	184	114	57	29	14	7	4	2	2	2	2	2	2	2	2	2	2	2	2	2	100

Buttons: Show MP Spread Data, Include Unknown Sire, Show Blank, Support to Excel, Graph, Print, Close

Stock Inventory Report:

Show Stock Report

Period: 1807/2009 To: 1807/2009 View: Category Zone Manage

Sire Name	Sire ID	Period	Sire Name	Opening Stock	Stock Received	Stock Returned	Stock Returned to Storage	Stock Returned to Zone	Damage Stock	Stock Used for Research	Stock Transfer to Report	Missing Stock	Market	Time Stage	Priority	Closing Stock
Total	8			45,498	3,85,801	34,317	1,217	25	80	3,81,941	24,257	8	1,180	0	8	53,651
Amul-552	Amul-553	181	707791	D.Eyren	118	1,217				1,211						118
Amul-551	Amul-554	181	718794	D.Smithson	98	1,218	46		1	1,221	28		1			198
Amul-553	Amul-555	179	712718	D.Sharada	4											4
Amul-555	Amul-556	146	712798	D.M.M.Murthy		53				4						48
Amul-551	Amul-557	144	712218	D.Higatkar	103	875				811	103					122
Amul-554	Amul-554C	146	71274	D.VACH		121				80						121
Amul-55	Amul-59	146	707605	D.mruth	140	205	18		1	206	18					157
Amul-581	Amul-587	144	707883	Devi S	184	990				800	179					379
Amul-55	Amul-587S	144	713425	Dhanya		75	30			0			30			105
SHU546	SHU545	144	712918	Dev's University-Gelera	12	460	40			441						41
SHU546	SHU546	144	712240	Ehman	81	1,320	76		24	1,443		2				127
878	878	144	712188	E.Pru	447	399	31			406						75
871	871	144	712428	E.Rajesh		1,475	115			1,360	107					107
873	873	133	712076	E.Kurthi	1											1
875	875	131	707794	G.Kesava	117	1,573	81			1,485	58					162
879	879	133	712107	G.Dinesh			214			141						141
879	879	134	712188	G.Eswaran	112	1,440				1,283	15		8			144
830	830	137	712281	G.Muralidharan	14											14

Buttons: Show Stock, Export to Excel, Print, Cancel

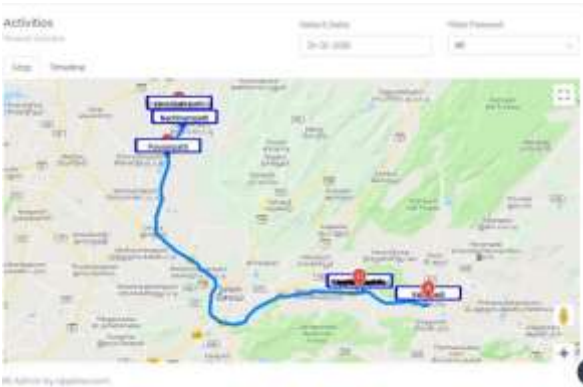
Maps:



Herd profile- areas where cows / buffaloes / pregnant / open / repeat breeders / dry / advanced pregnant, recently calved cows are located



Vaccinated / un-vaccinated, mastitis treated, drug administered, FMD, etc. The side picture is of areas where enrofloxacin has been used



Tracking of the veterinary service providers work

SAP Integrated Report:

Center - view all centers for the date 13-05-21

Animal Disposal Antibiotics Farmer Dependable Search By

Recording Date	Time	IDNo	No. of K.L	Sex	Debit Caste	Down	Total Cost	Farmer Name	SAP Code	Mobile No	Route Name	HMS Name	Custom Code	Receipt Name	SAP Sending Date	SAP Date	SAP Event Message	SAP Transaction No	SAP Order Number
13/05/2021	08:18	180036882	1	Q842164	AH23	1	10.0000	E S PILLAYILA	Q821	9838896	Antibiotic	Enroflaxin	71121	SI Sushama	13/05/2021	13/05/2021	Sales Order cre...	120396312021	3023188945
13/05/2021	11:59	100042088	1	1H48003	AH23	1	10.0000	S SACHAS'N...	1080	9442481	Kandankala	Thyruvethi	71623	SI Jayapr	13/05/2021	13/05/2021	Sales Order cre...	108677912021	3023187190
13/05/2021	08:43	100044145	1	1V49316	AH23	1	10.0000	PUSPWA A	1052	9150466	Pullavaparam	MCLEWARAMA	7032	SI Jibhasingh	13/05/2021	13/05/2021	Sales Order cre...	105230772021	3023188646
13/05/2021	08:41	180044143	1	1V49318	AH23	1	10.0000	PUSPWA A	1052	9150466	Pullavaparam	MCLEWARAMA	7002	SI Jibhasingh	13/05/2021	13/05/2021	Sales Order cre...	105230772021	3023188646
13/05/2021	06:43	100044145	1	1V49316	AH23	1	10.0000	PUSPWA A	1052	9150466	Pullavaparam	MCLEWARAMA	7022	SI Jibhasingh	13/05/2021	13/05/2021	Sales Order cre...	105230772021	3023188646
13/05/2021	06:58	180044145	2	Q842164	AH23	1	10.0000	KRISHNA SER...	1053	9348882	Govindajoy	Enroflaxin	71124	SI Jayapr	13/05/2021	13/05/2021	Sales Order cre...	105138712021	3023188648
13/05/2021	10:53	100000086	1	1H48003	AH23	1	10.0000	MAJJI	1051	9984752	Govindajoy	Enroflaxin	71124	SI Jayapr	13/05/2021	13/05/2021	Sales Order cre...	105138712021	3023188647
13/05/2021	12:37	100011206	1	Q842164	AH23	1	10.0000	SASAVASETTY	1063		Udipala	Unroflaxin	71124	SI Jibhasingh	13/05/2021	13/05/2021	Sales Order cre...	106322452021	3023187050
13/05/2021	11:27	182193846	1	1H48115	AH13	1	10.0000	BAVUSANV	1084	9578929	Balayampatti	1A1241 NALLA	4805	SI Jibhasingh	13/05/2021	13/05/2021	Sales Order cre...	110993673021	3023187098
13/05/2021	10:04	182193953	1	1H48043	AH23	1	10.0000	SRI AKESHAN	1054		Uthampatti	Enroflaxin	71623	SI Jayapr	13/05/2021	13/05/2021	Sales Order cre...	111471282021	3023187211
13/05/2021	06:20	182193877	2	1H14601	AH23	1	10.0000	E N SABBANA	1041	9065544	Asanatal	Enroflaxin Ph...	71123	SI Jibhasingh	13/05/2021	13/05/2021	Sales Order cre...	10416342021	3023187237

Expected Milk Production- Center-wise

Report By: **Expected Milk** Filter By: Species: ALL Breed:

Year: Monthly Date: From: 18/01/2021 To: 20/01/2021

Center Name: Akiangkaphi, Ajangarai, Asepahi, Anahai

Center-wise Expected Milk Date-wise

Route Name	18-01-21	19-01-21	20-01-21	21-01-21	22-01-21	23-01-21	24-01-21	25-01-21	26-01-21	27-01-21	28-01-21	29-01-21	29-01-21	Total
A.Kerati	3350.6	5320.8	5293.3	5274.3	5274.2	5267.3	5259.4	5258.6	5222.3	5220.8	5208.9	5212	5212	63350.7
A.Mangala	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Asepahi	8670.8	6940.8	6650.3	6635.6	6631	6623	6619	6614.9	6597	6571	6564	6556	6556	79355.4
Anahai	3758.8	3731.9	3727.8	3712.5	3698.8	3715	3700	3711.2	3688.8	3671.3	3646.8	3606.1	3606.1	68470.8
Adari	12461.1	12427.2	12408.3	12387.7	12361.8	12347.9	12273.8	12296.3	12323.3	12300.9	12288.6	12286.5	12286.5	148163.2
Alamoon	7862.7	7916.1	7888.3	7877.6	7854.3	7821	7820	7800.5	7790.7	7759.1	7735.5	7750.4	7750.4	94036.2
Alesarai	3881.1	3876.3	3871.5	3866.3	3860	3856.4	3851.3	3844	3843.7	3838.1	3835.5	3834.7	3834.7	46333.8
Total	42104.7	41922.3	41831.7	41754	41648.9	41633.8	41523	41523.5	41475	41381	41264.3	41264.3	41264.3	499571.8
Average	7017.4	6987.1	6972	6959	6941.6	6939	6920.5	6920.8	6912.5	6893.5	6887.4	6878	6878	83228.6

Expected Calving Report:

Report By: **Expected Calving** Filter By: Species: ALL Breed:

Year: Monthly Date: From: Jan-2021 To: Jan-2021

Center Name: Akiangkaphi, Ajangarai, Asepahi, Anahai

Center-wise Expected Calving Month-wise

Route Name	Jan-2021	Feb-2021	Mar-2021	Apr-2021	May-2021	Jun-2021	Jul-2021	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022	Total
A.Kerati	8	17	27	34	38	40	22	2	-	-	-	-	-	188
A.Mangala	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Asepahi	2	5	6	28	22	12	7	1	-	-	-	-	-	83
Anahai	11	13	12	13	13	11	1	-	-	-	-	-	-	74
Adari	41	44	42	44	38	22	14	1	1	-	-	-	-	243
Alamoon	21	27	23	23	20	24	18	4	-	-	-	-	-	127
Alesarai	3	7	18	11	14	11	5	-	-	-	-	-	-	69
Ajangarai	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Akiangkaphi	17	24	38	39	33	21	28	4	-	-	-	-	-	203
Anahai	7	7	7	8	4	-	8	1	4	-	-	-	-	33

Service Charges Deduction Report:

Custom Report Center/Staff/Loc/Yarnama...

Report Name: **Deduction** Filter By: Species: ALL Breed:

Report By: Date-wise Report Date: 17-01-2021

Select Age Group: All Select Status: All Select Field Type: Show Animal(s) Count

Center Name: Akiangkaphi, Ajangarai, Asepahi, Anahai

Route-wise Deduction Report Date in 17-01-2021

Route Name	Tagging	Tagging Cost(Rs)	All Done	All Cost (Rs)	RD Checked	RD Cost (Rs)	Devolving Cost	FND Cost(Rs)	Treatment Cost(Rs)	HS & BG Cost(Rs)	Treatment Cost	Total Cost(Rs)
Thayam	2	-	2	100	8	300	-	-	-	-	-	400
Thayam	1	-	1	100	-	-	-	-	-	-	-	100
Thayam	1	-	1	100	-	-	-	-	-	-	-	100
Thayam	2	-	2	200	1	30	-	-	-	-	-	330
Thayam	4	-	4	400	1	30	-	-	-	-	-	430
Thayam	1	-	1	100	-	-	-	-	-	-	-	100
Thayam	4	-	4	400	1	30	-	-	-	-	-	430
White	2	-	2	200	8	300	-	-	-	-	-	500
White	2	-	2	200	8	300	-	-	-	-	-	500
