

**Kamdhenu Sires
2024-2025**



***BAIF Development Research Foundation
Central Research Station
UruliKanchan – 412202
Dist. Pune, Maharashtra, INDIA***

***ISO 9001: 2015
Certified Semen Freezing Laboratory***

FROZEN SEMEN FOR CATTLE AND BUFFALO IMPROVEMENT PROGRAMME

Foreword

Gainful self-employment through the maintenance of dairy animals is one of the prime programmes among various development programmes operated by BAIF. Production of quality semen from exotic and indigenous cattle as well as buffalo breeds and its supply to the field Cattle Development Centers for improvement in milk has remained the core activity of BAIF since its inception. BAIF Semen Freezing Laboratory was established in 1975. The objective of the laboratory is to supply superior quality semen of cattle and buffalo for breeding the field animals. Earlier only purebred Holstein-Friesian and Jersey bulls' semen was frozen, later on, with realization of need to freeze semen of crossbred bulls along with buffalo bulls of these species were added to the bull station in 1987. As Cattle Development Program expanded in different indigenous breeding tracts, semen from indigenous cattle breeds like Gir, Sahiwal, Khillar, Amritmahal, Dangi, Hallikar, Tharparkar, Ongole, Krishna Valley, Gangatiri, Red Kandhari, Nimari, Red Sindhi, Rathi, Gaolao and buffalo breeds like Murrah, Surti, Jaffarabadi, Bhadavari, Banni, Pandharpuri, Nagpuri is being frozen for the breed conservation and improvement programmes.

Since inception, this frozen semen laboratory has had technical collaboration with various well recognized national and international laboratories in the field of research and programmes. The Semen Freezing Laboratory is the first in the country to be certified as ISO 9002:1994 in the year 2000 and upgraded to ISO- 9001:2000 in 2003 and ISO- 9001:2008 in 2010 and again in 2013 for its quality management system. In the year 2018 ISO system upgraded to 9001:2015. The laboratory has been ranked 'A' by the Central Monitoring Unit of the Government of India and recognized as a standard laboratory for testing Artificial Insemination equipment including cryo-vessels.

Through meticulous and perfect scientific work, BAIF Semen Freezing Laboratory has won the confidence of people at home and abroad and as a result, the semen production of this laboratory has been adopted in almost all the states in India by the Central Government, State Governments, and non-government agencies including large milk co-operatives. We have immense pleasure in releasing BAIF's Sire Directory "KAMDHENU SIREs- 2024-25".

Bull-Mother Farm

Foundation Stock of Holstein-Friesian and Jersey heifers have been selected from Denmark and Canada. These animals were born out of excellent milk-producing cows and proven sires from the respective countries. The herd was closed down in the year 1975. All the cows are bred with imported frozen semen of superior quality and recently Holstein Friesian semen from USA and France has been imported for breeding these cows. The present herd of bull-mothers is homebred stock, which is tested for adaptability to Indian situation. Emphasis is placed on high milk yield, desirable milk fat percentage, type characters, and

adaptability performance of bull dams. In addition to this, high-pedigreed genetic merit bull calves have been imported from Germany under National Dairy Plan-I, which is being operated through National Dairy Development Board, Anand.

The bull calves are selected from the top 15% cows. The Bull-Mother farm and Bull-Station are under continuous and rigid-disease-surveillance programme and maintain disease-free free status through Western Regional Disease Diagnostic Laboratory (RDDL) based in the Pune, Maharashtra State (viz. Free from T.B., J.D., Brucellosis, FMD, I.B.R., BVD).

Frozen Semen

The semen doses produced at our Research Station are as per the Minimum Standard Protocol (MSP) laid by the Central Monitoring Unit (CMU) constituted by the Government of India, New Delhi. The Semen Freezing Laboratory is certified as an ISO-9001-2015 for its quality management system. Semen collection, dilution, packaging, freezing, storage, and handling procedures are improvised and standardized along with intensive in-house research. BAIF guarantees the highest standards for attaining the highest rate of conception in the cows and buffaloes bred. Laboratory space, equipment, raw semen, and frozen semen doses are monitored by Quality Control Laboratory to achieve the production of frozen semen doses as per international standards. To improve and maintain the quality of frozen semen suitable software has been developed and is being used in the Semen Freezing Laboratory.

To meet the growing demand for superior quality semen, BAIF has upgraded its semen freezing facility which has produced 112.66 lakh doses of frozen semen. The semen freezing and embryo transfer laboratory at Dharauli, Jind in Haryana was set to produce semen of indigenous cattle breeds with Sahiwal, Gir, Red Sindhi, Tharparkar, Haryana, Rathi, and Nagori bull.

BAIF's programmes are benefitting more than 3.79 million families spread over 337 districts through 4334 Livestock Development Center in Andhra Pradesh, Bihar, Gujarat, Jharkhand, Karnataka, Madhya Pradesh, Maharashtra, Odisha, Rajasthan, Uttar Pradesh, Telangana, and Uttarakhand. The semen doses are initially used in BAIF's Cattle Development Programme and bulls are proven for satisfactory fertility prior to wider distribution. During the period 2023-24 total 52,84,949 artificial inseminations were carried out with an average conception rate ranging from 45 to 50 percent at farmers doorstep. Semen also exported to neighboring countries as per the demand.

Semen Inventory

Delivery of semen doses ex-stocks round the year. Bull-station houses bulls of exotic cattle breeds (Holstein-Friesian and Jersey), cross-bred (Holstein Friesian and Jersey crosses), indigenous breeds (Ongole, Amritmahal, Hallikar, Sahiwal, Gir, Dangi, Khillar, Tharparkar, Krishna Valley, Gangatiri, Red Kandhari, Nimari, Red Sindhi etc.) and buffalo

breeds (Murrah, Surti, Jaffarabadi, Bhadavari, Banni, Pandharpuri, Nagpuri, Mehsana) which include almost all types of bulls required in National Project for Cattle and Buffalo Breeding like National Dairy Plan-I being operated through National Dairy Development Board, Anand.

Semen Packaging

The frozen semen doses are available in French Mini (0.25 ml) straws. This ensures a supply of frozen semen doses in versatile packing system and fulfills the demands of different customers at their convenience.

Goat (Buck) semen

In India, Artificial Insemination in goats is relatively less developed as compared to cattle and buffaloes. The main reason is the lack of realization of the economic importance of goats whose number is 135.17 million at present and growing at more than a million per year since independence as well availability of goat semen at the door step of farmers. The vast germplasm resource of the country consists of 34 well-defined breeds. BAIF initiated buck semen production in 2018 with the objective of improvement in goat breeds of small and marginal farmers to help them make quality germ plasm at their doorstep. Presently semen doses from Barbari, Beetal, Berari, Black Bangal, Jamnapari, Osmanabadi, Sangamneri, Sirohi, African Boer are being produced at Wagholi Semen Station.

Field Performance Recording

Regular monitoring at BAIF's Centers has been immensely useful to track the records of bull's and their daughters' in the various field operations. The progeny of some of BAIF's bull has been acclaimed to be the best with a milk record of over 6500 liters in mature lactation in crossbred cattle and 18 liters peak yield in buffalo under village conditions and more than 7500 kg in HF crossbred cows under farm conditions. The average milk yield of HF crossbreds in BAIF's operational areas of Maharashtra is around 3300-3400 kg. The progeny resulting from the use of crossbred bulls on crossbred (inter-se mating) has performed equally well.

Field Progeny Testing

BAIF's programme of progeny testing of bulls is now 40 years old. BAIF declared the test evaluation on purebred Holstein-Friesian and Holstein X Zebu crossbred bulls with excellent results. The present programme aim at evaluating the crossbred bulls at farmer-level management. The contemporary comparison (C.C.) relative breeding value (R.B.V.) for milk of the progeny-tested bulls are presented. During the period 2014-2019, another field progeny testing programme for HF crossbred bulls is implemented in Uttar Pradesh state under National Dairy Plan-I and post NDP period the programme is being implemented in 38 Cattle Development Centers. During project period, semen doses of 85 bulls were used for test inseminations and progenies from the first bull batch completed their performance and other bulls' progeny are under the milk recording stage.

New Frontier: Sex sorted semen of cattle and buffalo breeds

The Indian dairy sector is growing at a rapid pace. There is both an opportunity and a need for Indian farmers to improve productivity and expand in scale to improve national production and increase the economic benefits they receive. Cattle husbandry among Indian farmers in the past was primarily to supply draft power for crop farming. Agricultural mechanization is reducing the utility of male cattle and buffalo for draft, and the primary objective of cattle keeping is turning towards dairying. The increase in AI coverage in turn is expected to produce several millions of male animals whose utility is reducing owing to the reasons of increasing agricultural mechanization and a socio-cultural ban on cattle slaughter. The male animals are lost from the system either through early calf mortality, due to neglect, or release into the village commons where they roam unattended. These released males become a hazards for a planned breeding intervention due to indiscriminate crossing while grazing, and transmission of venereal diseases, while also causing damage and loss to farmer crops besides competing for the scarce feed and fodder resources. They also create problems for general disease control, as they do not undergo regular vaccination programs.

In the changing scenario, sex-sorted semen is the need of the hour which benefits the farmer community to hasten the production of replacement heifers, lesser dependency on purchase of heifers, less male calves, rapid increase in milk production, better use of constrained feed, fodder resources, climate change mitigation strategy and production of bulls and daughters for progeny testingg.

The success observed with the use of sorted semen provided confidence in setting up a Sorted Semen Facility at BAIF Semen Station located at Urulikanchan, Pune in Maharashtra. Major emphasis is on the production of sex-sorted semen doses of Indigenous dairy breeds and buffaloes. Pure breed exotic and crossbred bulls semen is also being produced. All the selected bulls will be above the MSP of GOI in respect of genetic merit and meeting the health protocols. Apart from off-the shelf availability, Sex Sorted Semen for specific breeds can be custom-produced as the per requirement.

2.25 lakh cumulative inseminations were performed and 42.90 percent conception rate recorded. The female birth rate was noticed to be of 90 percent. The sorted semen doses of indigenous breeds of Sahiwal, Gir, Tharparkar, Rathi, Red Sindhi and buffalo breeds of Murrah, Jaffarabadi as well as purebred HF, Jersey and its crosses of 50% and 75% are available with BAIF, Urulikanchan.

NOTATIONS USED:

HF	- Holstein Friesian
J	- Jersey
S	- Sahiwal
G	- Gir
Kh	- Khillar
H	- Hallikar
O	- Ongole
Th	- Tharparkar
RK	- Red Kandhari
NDP	- National Dairy Plan
UID	- Unique Identification
INAPH	- Information Network for Animal Productivity & Health
BUCK	- Male Goat

RS	- Red Sindhi
AM	- Amrit Mahal
R.B.V.	- Relative Breeding Value
CC	- Contemporary Comparison
Sire	- Bull's Father
Dam	- Bull's Mother
ND	- Non- Descript
M.Y.	- Milk Yield
ET	- Embryo Transfer
GEBV	- Genomic Breeding Value
Dtr. Av.	- Daughter average
Std	- Standard
BAF	- BAIF,
JND-	- Jind SFL

PROGENY TESTED CROSSBRED HOLSTEIN-FRIESIAN BULLS

Sr.	Bull Pedigree									Crossbred Progeny Proof			
No.	Bull Name	UID	Birth Date	Blood Level	Dam No. / Name	Dam's Std. M.Y. (kg)	Fat%	Sire	INAPH ID	No. of Crossbred Progeny	C.C. Milk (kg)	Repeat	RBV %
1	Hero	***	30.01.98	75%HF+12.5%G+12.5%S	H-30	8435	NA	Karan (SNPP)	NA	352	116.74	94	107.5
2	Hans	370011369126	15.12.01	75%HF+12.5%G+12.5%S	H-30	8435	NA	Kiwi (SNPP)	NA	143	59.93	91.84	103.35
3	Harnam	***	18.11.99	75%HF+25%G	H-154	8370	NA	Kiran (SNPP)	BAF	101	96.74	89.11	105.5
4	Garry	***	22.02.98	62.5%HF+37.5%G	H-154	8370	NA	Dara	NA	51	42.36	80.63	102.06
5	Girish	***	18.10.99	62.5%HF+18.75%S+18.75%G	H-60	7885	NA	Gopal (PT)	NA	41	102.62	77.01	104.84
6	Hemu	***	14.10.01	75%HF+25%G	H-36	7159	NA	Kumar (SNPP)	NA	116	59.92	90.32	103.32
7	Hamdam	***	13.10.99	75%HF+12.5%S+12.5%G	H-117	7105	NA	Kiran (SNPP)	NA	62	211.1	83.43	111.21
8	Himalay	***	28.12.04	75%HF+25%G	Paru	7015	NA	246 HF	NA	52	135.41	80.95	106.67
9	Deven	***	01.12.95	50%HF+25%G+25%S	H-45	6623	NA	GAURAV	NA	102	9.07	89.25	100.6
10	Dharmik	***	28.02.02	50%HF+25%S+25%G	H-35	6550	NA	Dara	NA	25	63.92	66.16	102.71
11	Darpan	***	01.04.02	50%HF+50%G	H-84	6545	NA	Diler	NA	53	4.52	80.47	100.23
12	Dhiraj	***	29.08.95	50%HF + 50%G	H-46	6146	NA	DILIP (SNPP)	BAF	102	77.12	89.18	104.7

Note: The progeny testing results are based on crossbred progeny field data under Indian Conditions.

1. *Contemporary comparison indicates progeny's superiority of milk yield over other contemporary cows.*
2. *Repeatability: It is a measure of accuracy of progeny test evaluation (Accuracy over 70% is considered highly reliable).*
3. *RBV%: Relative breeding value indicates the relative genetic merit expressed as the percentage of all the other contemporary bulls used*

PROGENY TESTED CROSSBRED HOLSTEIN-FRIESIAN BULLS UNDER NDP-I PHASE

Sr.	Bull Pedigree									Crossbred Progeny Proof			
	No.	Bull Name	UID	Birth Date	Blood Level	Dam No. / Name	Dam's Std. M.Y. (kg)	Fat%	Sire	INAPH ID	No. of Crossbred Progeny	C.C. Milk (kg)	Repeat-ability (%)
1	HIRAK**	--	05.12.09	75%HF+25%G	Mothi Dhavali	6710	NA	Hinduja	BAF-HIRAK	42	257.81	73.7	116.4
2	HANAM	--	05.03.10	75%HF+25%G	Kali Hondi	7700	NA	Himachal	BAF-HANAM	29	308.91	65.73	116.09
3	HELMET	370011367621	01.11.10	75%HF+25%G	827	6543	4.2	Mercantile	BAF-HELMET	32	145.35	68.12	109.18
4	HETHRO	700011367200	05.09.10	75%HF+18.75%G+6.25%S	XHK-02	9089	3.85	Hemu	BAF-HETHRO	17	167.69	53.76	108.38
5	HAI DOS	--	22.02.10	75%HF+25%G	1236	7077	NA	Ambadas	BAF-HAI DOS	43	105.13	74.2	106.86
6	HANDY	--	26.02.10	75%HF+25%G	386	6489	NA	Adeep	BAF-HANDY	29	124.26	65.91	106.55
7	HARIHAR	370011367222	12.08.11	75%HF+25%G	Bandi	6050	4.00	Himachal	BAF-HARIHAR	38	105.01	70.31	105.87
8	HERCULUS	370076644116	22.11.11	75%HF+25%S	52941	6600	4.3	Hiren	BAF-HERCULUS	25	99.23	63.31	105.37
9	HARIDATTA	--	23.06.11	75%HF+12.5%S+12.5%G	K-752	7069	NA	Himachal	BAF-HARIDATTA	29	69.07	65.55	104.11
10	HEBBAL	370011367233	01.08.11	75%HF+25%G	61331	6600	NA	Himachal	BAF-HEBBAL	38	2.87	71.7	100.17

Note: The progeny testing results are based on crossbred progeny field data under Indian Conditions.

1. *Contemporary comparison indicates progeny's superiority of milk yield over other contemporary cows.*
2. *Repeatability: It is a measure of accuracy of progeny test evaluation (Accuracy over 70% is considered highly reliable).*
3. *RBV %: Relative breeding value indicates the relative genetic merit expressed as the percentage of all the other contemporary bulls used*

PROGENY TESTED CROSSBRED HOLSTEIN-FRIESIAN BULLS UNDER NETWORK PROJECT THROUGH CIRC, MEERUT (UP)

Sr.	Bull Pedigree									Crossbred Progeny Proof		
No.	Bull Name	UID	Birth Date	Blood Level	Dam No. Name	Dam's Std. M.Y. (kg)	Fat%	Sire	INAPH ID	No. of Crossbred Progeny	Genetic superiority over population	% Genetic superiority over population
1	Yara	..	12.05.00	50%HF+50%S	Z-211	8569	NA	Kishor	NA	19	55.05	1.96
2	Hans	..	15.12.01	75%HF+12.5%G+12.5%S	H-30	8435	NA	Kiwi (SNPP)	BAF-HANS	27	39.22	1.4
3	Yusuf	..	14.10.99	50%HF+50%S	X-230	8429	NA	Kiran	NA	26	19.99	0.71
4	Harsh	..	29.09.01	75%HF+25%G	H-154	8370	NA	Ketan (SNPP)	NA	24	61.73	2.2
5	Harnam	..	18.11.99	75%HF+25%G	H-154	8370	NA	Kiran (SNPP)	NA	32	23.03	0.82
6	Dipesh	..	11.12.94	50%HF+25%G+25%S	H-47	7650	NA	CB-61	NA	69	114.08	4.06
7	Hemu	..	14.10.01	75%HF+25%G	H-36	7159	NA	Kumar (SNPP)	NA	19	34.97	1.25
8	Gama	..	26.02.98	62.5%HF+37.5G	H-36	7159	NA	Dara	NA	26	30.68	1.09
9	Hasan	..	28.06.94	75% HF+25%H	MIKY	7140	NA	W.G. Duster	NA	28	38.42	1.37
10	Hamdam	..	13.10.99	75%HF+12.5%S+12.5%G	H-117	7105	NA	Kiran (SNPP)	NA	22	52.23	1.86
11	Dinar	..	14.02.98	50%HF+50%G	H-84	6545	NA	Dara	NA	29	28.99	1.03
12	Dhiraj	..	29.08.95	50%HF+50%G	H-46	6146	NA	Dilip (SNPP)	NA	42	79.12	2.82
13	Himmat	..	12.08.02	75%HF+25%G	Suman	5936	NA	HF-53	NA	33	23.29	0.83
14	Dhanaji	..	21.01.00	50%HF+50%S	H-236	5740	NA	Datta (SNPP)	BAF-DHANRAJ	30	76.14	2.71
15	Hiralal	..	23.04.02	75%HF+25%G	Karishma	5712	NA	H-313	NA	18	29.92	1.07
16	Honaji	..	07.03.02	75%HF+25%G	XHF11	5625	NA	Hanu	NA	27	48.62	1.73
17	Deva	..	24.12.91	50%HF+50%Th	KF-4861	5422	NA	KF-4645	BAF-DEVA	112	53.7	1.91
18	Glory	..	02.04.00	62.5%HF+37.5%G	H-103	5339	NA	Gopal (PT)	NA	24	71.8	2.56
19	Haleem	..	25.05.90	75%HF+25%S	38	5322	NA	302	NA	147	34.35	1.22
20	Hari	..	18.02.02	75%HF+25%S	C-707	5110	NA	Kol Hil Top	NA	26	68.29	2.43
21	Dhanpal	..	22.05.01	50%HF+50%S	H-191	5078	NA	Datta (SNPP)	NA	23	36.29	1.29
22	David	..	21.07.87	50%HF+50%Th	JF-53	5059	NA	KF-4290	NA	49	41.16	1.47
23	Hameed	..	21.09.90	75%HF+25%S	73	4823	NA	4568	NA	181	48.04	1.71

Note: The progeny testing results are based on crossbred progeny field data under Indian Conditions at four locations, BAIF, Urulikanchan, M.S, GADVASU, Ludhiana, Punjab, KAVASU, Thrissur, Kerala and GPPUA&T, Pantnagar, Uttarakhand.

PEDIGREE DETAILS OF PUREBRED HOLSTEIN FRIESIAN BULLS

Sr.No.	Bull Name	Tag No.	UID	Birth Date	Dam No. / Name	Dam's Std. M. Y. (Kg)	GBV	Fat%	Sire	Sire's Dam Best M.Y. (Kg)	INAPH ID
1	AYUSH (ET)	Q-307	370011367847	16.09.13	Raunn Magna Echo ET	16768	--	4.00	Ralma Gold Crown ET	11008	BAF-AYUSH
2	ATHARV (ET)	Q-305	370044568947	23.05.13	Raunn Magna Echo ET	16768	--	4.00	Ralma Gold Crown ET	11008	BAF-ATHARV
3	AMLA (ET)	R-302	370044569804	10.01.14	Ruann Dane Molly 30984	14627	--	4.00	Glenn Ann Palermo ET	15470	BAF-AMLA
4	ALBUM	S-317	370044570411	11.11.15	K-216	7763 (1st)	--	4.50	Bidlea Emperor's Rawanson	8755/ 4.17	BAF-ALBUM
5	AGREE	S-308	370044569941	30.07.15	O-205	7016 (1st)	--	3.55	Dalton Saturn	7229	BAF-AGREE
6	ANUKUL	S-303	370044571015	04.03.15	P-205	7276 (1st)	--	3.50	Dalton Saturn	7229	BAF-ANUKUL
7	AUTHOR	S-309	370044570227	03.08.15	O-202	7273 (1st)	--	3.76	Wynwares Alexander	6198	BAF-AUTHOR
8	AGNIDEV (ET)	T-310	370007284284	18.11.16	La Presentation Sandia	12230	--	3.90	Crack Holm Fever	15287	BAF-AGNIDEV
9	AARUSH	U-322	370044571232	20.11.17	La Presentation Kiana ET	13599	--	3.50	Crack Holm Fever	15287	BAF-AARUSH
10	ANGRAJ	U-325	370044571254	26.11.17	MS ELLYN-ET (USA-137154951)	15552 (1st)	--	4.40	Mount field Ssi Dcy Mogul ET	Dtr Av.13807.35	BAF-ANGRAJ
11	ADMIN	U-316	370007284513	21.10.17	La Presentation Solea P	10819	--	3.60	Marbri Facebook	Dtr Av.12263	BAF-ADMIN
12	ALGAD	U-315	370044571174	19.10.17	Morning View Goldwyn Lena Et	14423	--	3.60	Mount field Ssi Dcy Mogul ET	Dtr Av.13807.35	BAF-ALGAD
13	ATAL	V-309	370000033601	09.09.18	Donor: JUST KAY USA 61429196	11618 (1st)	--	4.2	MASSEY-ET USA 630226939		BAF-ATAL
14	AIRAWAT	W-315	370000033931	06.12.19	Ever Green View MAYBE-ET Reg. No USA 139995211	19509	--	4.2	De-Su- 521 BOOKEM -ET Reg No. USA 66636657	NA	BAF-AIRAWAT
15	ABHI	W-308	370000033997	16.05.19	Fustead Goldwyn MISSION-ET	12050 (1st)	--	3.9	OBSERVER-ET	NA	BAF-ABHI
16	AALAP	W-306	370000033133	21.04.19	American Pride PAPAYA-ET	19204	--	4.4	MASSAY-ET	NA	BAF-AALAP
17	AROMA	W-307	370000033428	12.05.19	American Pride PAPAYA-ET	19204	--	4.4	MASSAY-ET	NA	BAF-AROMA
18	AMRAPAL	W-312	370000033097	26.10.19	MS-ARJO (USA140697630)	24952	--	4.0	Mount field Ssi Dcy Mogul ET	Dtr Av.13807.35	BAF-AMRAPAL
19	AMARJIT	DE0362322879	370076644754	25.05.20	DE 0953362886	12189	1284	NA	Copyright US 3137164268	NA	BAF-AMARJIT

20	APPASO	DE1406188017	370076644572	25.04.20	HPH Edamer (DE 1404568728)	8537 (1st)	1271	4.22	Silver (US 72156794)	13892	BAF-APPASO
21	ANJUM	DE0362177308	370076644674	06.04.20	Peanut 830 (DE 0359917830)	10657 (1st)	1300	NA	VH Crown (DK 04240505077)	NA	BAF-ANJUM
22	ANDRE	DE0362537611	370076644663	15.01.20	HAM Revol 1180 (DE 0359766210)	11893	1136	NA	Chilton(US 3145229924)	NA	BAF-ANDRE
23	ALFANSO	Y-303	370000033587	17.04.21	R-215 (Reci U-755)	8240 (1st)	--	4.00	Arpit	10009	BAF-ALFANSO
24	ARTH	Y-304	370000318194	01.06.21	R-215 (Reci V-211)	8240 (1st)	--	4.00	Arpit	10009	BAF-ARTH
25	ABHIMANYU	Y-307	370000318817	24.08.21	T-206	7655 (1st)	--	4.54	Atharv	16768	NA
26	AGNIPATH	Y-312	370000318376	24.10.21	150001183687	7109 (1st)	--	3.47	Atharv	16768	NA

PEDIGREE DETAILS OF PUREBRED JERSEY BULLS

Sr.No.	Bull Name2	Tag No.	UID	Birth Date	Dam No. / Name	Dam's Std. M.Y. (Kg.)	Fat%	Sire	Sire's Dam Best M.Y. (Kg)	INAPH ID
1	JORAWAR (ET)	T-506	370007284240	11.06.16	Hautpre BT Fleecy-ET	11852	5.30	Estran Random ET (JECANM105760841)	--	BAF-JORAWAR
2	JAYKUMAR (Imported)	03593702751	370044572918	22.04.16	03593702405	8359	6.06	04460305338 (VJ Drostrupgaard Lure Lusaka	8924	BAF-JAYKUMAR
3	JORDAN (Imported)	03593702656	370044569085	06.10.15	03593702326	7426	5.96	02698602502 (VJ Ellely Tukan Torro)	6453	BAF-JORDAN
4	JADUGAR (Imported)	02732203503	370044569154	14.01.16	02732203176	8949	6.11	03164001760 (VJ Redose Tester Tinker	6985	BAF-JADUGAR
5	JAGRUKH (Imported)	01283104598	370044569314	14.09.16	01283104202	8006	5.73	04363901837 (VJ Birkelygaard Land Lago)	9222	BAF-JAGRUKH
6	JAYAD	U-507	370007284477	15.07.17	Homeridge Glasgow Violet (JECANF 106379014) Reci. Q-408	7193	5.00	Hollylane Lilibet's Legacy (JE CANM 9240969)	--	BAF-JAYAD

PEDIGREE DETAILS REVERSE CROSSBREED BULLS

Sr. No.	Bull Name	Tag No.	UID	Birth Date	Blood Level	Dam No. / Name	Dam's Std. M.Y. (kg)	Fat%	Sire	Sire's Dam Best M.Y. (Kg)	INAPH ID
1	YASH	B-703	--	24.10.98	HF X Sahiwal	Y-204	10592	NA	Kiran	3470	NA
2	NITIN	N-806	370011368500	29.06.10	JERSEY X Sahiwal	G-404	5481	3.9	Kumod	4430	BAF-NITIN
3	NAYAN	B-809	--	14.11.98	JERSEY X Sahiwal	Y-410	5129	NA	Kaushal	3640	NA

PEDIGREE DETAILS OF CROSSBRED JERSEY BULLS

Sr. No.	Bull Name	Tag No.	UID	Birth Date	Blood Level	Dam No. / Name	Dam's Std. M.Y. (kg)	GBV	Fat%	Sire	Sire's Dam Best M.Y. kg	INAPH ID
1	MARKOS	J-192	--	15.12.07	50%J+50%G	J-91	5057		NA	Brij (ET) SNPP	--	BAF-MARKOS
2	MIRINDA	J-156	370076641685	25.05.04	50%J+50%G	J-91	5057		NA	Bond	3658	BAF-MIRINDA
3	MAJNU	UID	370044572851	31.05.15	50%J+25%S+25%ND	380018761461	4554	102	NA	Jx-220	--	BAF-MAJNU
4	MAGADH	Q-805	370011368965	15.07.13	50%J+25%G+25%S	O-809	4522	9	5.38	Madhu	6717	BAF-MAGADH
5	MITTAL	R-806	370044568880	09.07.14	50%J+25%G+25%S	O-809	4522		5.38	Madhu	6717	BAF-MITTAL
6	MALHARI	S-811	370044570477	14.09.15	50%J+50%S	O-809	4522	26	5.38	Nayan	5129	BAF-MALHARI
7	OKRA	L-856	370044573012	11.08.08	62.5%J+37.5%S	G-853	5953		4.8	Madhu	6717	BAF-OKRA
8	OWNER	P-856	370011368987	23.07.12	62.5%J+34.37%G+3.13%S	M-853	5051		4.49	Offer	5029	BAF-OWNER
9	OMKAR	J-132	370011370028	25.07.01	62.5%J+37.5%G	J-89	4589		NA	Amit503	--	BAF-OMKAR
10	OXFORD	R-857	370044572348	27.07.14	62.5%J+34.375%G+3.125%S	M-852	4702		4.45	Offer	5029	BAF-OXFORD
11	RAJ	O-855	370076644377	19.10.11	75%J+25%S	G-853	5953	70	4.80	Ranvir	5404	BAF-RAJ
12	RAJGURU	S-851	370011369230	19.02.15	75%J+18.75%S+6.25%G	O-854	4037 (1st)	41	NA	Rajat	5953	BAF-RAJGURU
13	RAGHAV	S-861	370044570648	22.09.15	75%J+12.5%G+12.5%S	L-852	3555 (1st)	36	4.75	Ranvir	5404	BAF-RAGHAV
14	MUKUL	S-810	370044570422	05.09.15	50%J+50%S	N-802	5606		5.58	Norman	5336	BAF-MUKUL
15	MEHUL	T-801	370044572075	24.03.16	50%J+50%S	M-801	3537 (1st)		5.21	Norman	5336	BAF-MEHUL
16	RAVINDRA	V-852	370000033543	22.02.18	75%J+25%S	N-802	5606	0	5.58	H George	5290	BAF-RAVINDRA
17	RUPAK	V-857	370000033235	29.06.18	75%J+25%S	M-801	3537 (1st)	11	5.21	H George	5290	BAF-RUPAK
18	MEGHADUT	W-802	370000033725	16.03.19	50%J+25%S+25%G	N-802	5606	3	5.58	Markos	5057	BAF-MEGHADUT

19	MIRSEN	W-806	370000033463	14.08.19	50%J+37.5%S+12.5%ND	M-801	3537 (1st)	60	5.21	Marich	4414	BAF-MIRSEN
20	RAKSHA	V-863	370000033020	25.12.18	75%J+15.63%S+9.37%G	R-854	3934 (1st)	87	NA	Rajat	5953	BAF-RAKSHA
21	MANSUKH	W-804	370000033634	28.04.19	50%J+25%S+12.5%G+12.5%ND	R-803	4277 (1st)		5.27	Marich	4414	BAF-MANSUKH
22	MARLOB	X-801	370000033656	29.02.20	50%J+25%S+25%G	R-802	4821	71	5.71	Markos	5057	BAF-MARLOB
23	MARBLE	P-806	370011369206	23.05.12	50%J+31.25%G+18.75%HF	M-101	3715 (1st)		3.62	Madhu	6717	BAF-MARBLE
24	OKARD	P-857	370011368475	14.08.12	62.5%J+34.38%G+3.12%S	M-852	4702		4.45	Offer	5029	BAF-OKARD
25	ORBIT	S-858	370044571221	02.08.15	62.5%J+34.375%G+3.125%S	M-853	5051		4.49	Offer	5029	BAF-ORBIT
26	MOKSH	Q-803	370044568914	22.03.13	50%J+25%S+25%G	M-801	3537 (1st)		5.18	Madhu	6717	BAF-MOKSH
27	MINARVA	T-801	370044572086	20.09.16	50%J+50%S	P-809	4100 (1st)		6.19	Narayan	5489	BAF-MINARVA
28	MOTILAL	U-801	370076644537	03.01.17	50%J+25%S+25%G	P-807	4680	129	5.78	Narayan	5489	BAF-MOTILAL

PEDIGREE DETAILS OF HF75% CROSSBRED HOLSTEIN-FRIESIAN BULLS

No	Bull Name	Tag No.	UID	Birth Date	Blood Level	Dam No. / Name	Dam's Std. M.Y. (Kg)	GBV	Fat%	Sire	Sire's Dam Best M.Y. (Kg)	INAPH ID
1	HALOGEN	MA-U	370011369753	04.08.13	75%HF+25%G	6166	9048	455	4.00	Rocky	NA	BAF-HALOGEN
2	HOOK	MA-R	370011367118	20.02.13	75%HF+25%G	6312	8910	672	3.80	HF-729	5131	BAF-HOOK
3	HENKO	MA-T	370000033554	30.07.13	75%HF+25%G	962	7550	483	4.70	Jacobson	9013	BAF-HENKO
4	HUKUMAT	R-758	370044570808	26.08.14	75%HF+25%S	E-752	7884	91	3.90	Hiren	7884	BAF-HUKUMAT
5	HORLIC	65201	370011367027	29.03.13	75%HF+25%G	Dhawali Mothi	7040	572	3.60	Handsome	7104	BAF-HORLIC
6	HERBAL	60117	370011367596	17.11.11	75%HF+18.75%G+6.25%S	Gauri/58637	6600	350	4.20	Hans	8435	BAF-HERBAL
7	HINGANA	61721	370011367120	10.12.11	75%HF+25%G	59409	6500	501	4.00	Ahmed	7870	BAF-HINGANA
8	HATODA	62950	370011368954	18.08.12	75%HF+25%S	Rani (54804)	6490	15	3.79	Zumka (CIRC)	5100/390	BAF-HATODA
9	HIRAKUD	64031	370011367175	01.09.12	75%HF+25%S	Special	6160	491	3.80	Ajay	8054	BAF-HIRAKUD
10	HUNNAR	XHFS-01	370044569963	05.03.15	75%HF+25%S	71010	6380	313	3.70	Ajab(CIRC)	6649	BAF-HUNNAR
11	HUDDA	64101	370011367483	08.11.12	75%HF+25%G	Laxmi (61350)	6380	311	3.60	Handsome	7104	BAF-HUDDA
12	HEMRAJ	R-756	370000318627	03.08.14	75%HF+15.63%G+9.37%S	M-753	6361 (1st)	469	4.25	Handsome	7104	BAF-HEMRAJ
13	HELIX	57727	370011367313	20.03.12	75%HF+25%G	60253(Panchali)	6160	440	3.70	FC-1397	5608	BAF-HELIX
14	HARICHARAN	76777	370044569495	20.02.16	75%HF+25%G	73446 Langdi	6160	567	3.70	Aiwa	8054	BAF-HARICHARAN

15	HARIDHAN	72651	370044572521	04.11.14	75%HF+25%G	65116	6270	300	3.60	Hissar	5720	BAF-HARIDHAN
16	HOSH	S-758	370044570364	07.11.15	75%HF+12.5%G+12.5%S	M-753	6361 (1st)	118	4.25	Hethro	9089	BAF-HOSH
17	HIMSAGAR	T-756	370044572554	01.12.16	75%HF+12.5%G+12.5%S	M-753	6361 (1st)	224	4.25	Hethro	9089	BAF-HIMSAGAR
18	HEEMTARA	T-753	370044571334	08.06.16	75%HF+14.06%G+10.94%S	N-753	6623	183	3.41	Hethro	9089	BAF-HEEMTARA
19	HIMMATRAJ	U-760	370044571391	09.12.17	75%HF+7.81%S+17.19%G	N-753	6623	204	3.41	Harmit	7853	BAF-HIMMATRAJ
20	HARITARA	U-754	370044571378	21.05.17	75%HF+9.37%G+15.63%S	N-754	7487.2	233	4.40	Hiren	7884	BAF-HARITARA
21	HEXA	V-756	370000033986	21.12.18	75%HF+15.63%G+9.37%S	N-754	7487.2	203	4.40	Haridatta	7069	BAF-HEXA
22	HIMMATWAN	XU-01	370076644446	13.04.17	75%HF+11.72%G+13.28%S	XQ-03	6640	29	4.42	Hiren	7884	BAF-HIMMATWAN
23	HUTATMA	U-757	370000033691	28.10.17	75%HF+14.84%S+10.16%G	S-752	5287 ^{1st}	132	4.05	Haridatta	7069	BAF-HUTATMA
24	HARIKANT	XS-04	370044570284	14.08.15	75%HF+25%G	XP-06	5188 (1st)	329	3.43	Harnam	8370	BAF-HARIKANT
25	HIROJI	V-755	370076642677	10.12.18	75%HF+14.85%G+10.15%S	R-759	5338 (1st)	259	4.31	Haridatta	7069	BAF-HIROJI
26	HUNGRY	XW-03	370000033714	03.07.19	75%HF+18.75%G+6.25%S	XP-06	5188 (1st)	578	3.43	Haldiram	8373	BAF-HUNGRY
27	HIMARU	W-752	370000033281	24.05.19	75%HF+17.19%G+7.81%S	R-754	6851	638	4.14	Haldiram	8373	BAF-HIMARU
28	HOTKARU	Y-751	370000033213	27.04.21	75%HF+18.75%G+6.25%S	T-754	5469 (1st)	332	3.81	Haldiram	8373	BAF-HOTKARU
29	HETU	XU-02	370044571367	24.04.17	75%HF+18.75%G+6.25%S	XL-01	5002	262	4.09	Hethro	9089	BAF-HETU
30	HIGHNESS	X-753	370000318957	13.10.20	75%HF+12.5%G+12.5%S	R-754	6852	425	3.67	Haldiram	8373	BAF-HIGHNESS
31	HARITEJ	X-755	370000318970	17.10.20	75%HF+21.88%G+3.12%S	S-757	5682 (1st)	453	3.51	Hook	8910	BAF-HARITEJ
32	HARIKISAN	Y-752	370000318753	10.06.20	75%HF+19.14%G+5.85%S	R-759	6468	551.22	4.31	Hook	8910	BAF-HARIKISAN
33	HENDRIX	T-755	370044571345	28.11.16	75%HF+7.81%G+17.19%S	P-751	6025	62	4.1	Hiren	7884	NA
34	HIGHEST	Y-753	370000318593	03.11.21	75%HF+7.80%S+17.20%G	R-751	5670.2 (1 st)	153.99	4.01	Hook	8910	NA

PEDIGREE DETAILS OF HF50% CROSSBRED HOLSTEIN-FRIESIAN BULLS

Sr. No	Bull Name	Tag No.	UID	Birth Date	Blood Level	Dam No. / Name	Dam's Std.M.Y.(Kg)	GBV	Fat%	Sire	Sire's Dam M.Y. (Kg)	INAPH ID
1	DAINIK	1712	370044573513	13.12.12	HF50%+G50%	Vaishali	6160		3.50	Dhondi	6184	BAF-DAINIK
2	DOCOMO	UID	420014451457	06.09.16	HF50%+S25%+ND25%	420013246816	6086.32(1st)	413	NA	SAG-HFS-66	--	BAF-DOCOMO
3	DAPTAR	UID	370044572920	15.06.16	HF50%+S25%+NS25%	420013248210	5354.88	303	NA	KUL-HS-20	--	BAF-DAPTAR
4	DESHDUT	UID	420013091970	03.06.16	HF50%+G25%+ND25%	420013032852	5233.39 (1st)	141	4.00	DHO-KA7490	--	BAF-DESHDUT
5	DEVANAND	UID	420013845428	25.06.16	HF50%+S25%+NS25%	420013241318	5162.28	230	NA	SAG-HFS-66	--	BAF-DEVANAND
6	DAITYA	97030	370044569108	12.02.14	HF50%+G37.5%+S12.5%	Soniya	6160	457	4.20	Dharmik	6550	BAF-DAITYA
7	DAYALU	UID	370007150282	08.11.16	HF50%+G25%+ND25%	370007146700	6185	258	3.53	BAF-Dhiraj	6146	BAF-DAYALU
8	DHRUPAD	UID	420013324007	28.04.17	HF50%+G25%+ND25%	420012953824	6133	98	NA	KA-7490	NA	BAF-DHRUPAD
9	DILBAR	UID	420013776282	07.05.17	HF50%+S25%+ND25%	420013241774	5400.04 (1st)	247	NA	KUL-HS-20	NA	BAF-DILBAR
10	DIKSHA	UID	420013837751	15.04.17	HF50%+S25%+ND25%	420012928155	7431.48	280	NA	KUL-HS-20	NA	BAF-DIKSHA
11	DIGVIJAY	W-708	370000033942	12.09.19	HF50%+G25%+ND25%	128	6476 (1st)	539	4.21	BAF-Dhiraj	6146	BAF-DIGVIJAY
12	DOLLAR	UID	420013177101	28.04.17	HF50%+S25%+ND25%	420013176940	6565.53	368	NA	KUL-HS-20	NA	BAF-DOLLAR
13	DEVASHISH	X-701	370000033680	24.02.20	HF50%+G25%+ND25%	ETR-10	5673(1st)	86	4.99	Dinar	6545	BAF-DEVASHISH
14	DEGLUR	UID	420013835856	13.05.17	HF50%+S25%+ND25%	420013835765	5306	255	NA	DHO-KA 7490	NA	BAF-DEGLUR
15	DEAN	W-703	370000033771	13.06.19	HF50%+G25%+ND25%	47	7384 (1st)	7	4.1	Darpan	6445	BAF-DEAN
16	DUSTIN	X-705	370000033884	13.05.20	HF50%+G12.5%+S12.5%+ND25%	ETR-16	5069 (1st)	146	3.7	Dipesh	7650	BAF-DUSTIN
17	DEVNAYAK	UID	370010714338	07.01.17	HF50%+G25%+ND25%	370007372448	6303	381	4.67	BAF-Dhiraj	6146	BAF-DEVNAYAK
18	DWARKESH	UID	370010921813	20.06.17	HF50%+G25%+ND25%	370007456836	4012	151	3.17	BAF-Dayal	3050	BAF-DWARKESH
19	DELIGHT	Y-706	370000033086	05.04.21	HF50%+G12.5%+S25%+ND12.5%	ETR-01	7042.5	128	4.01	Dipesh	7650	BAF-DELIGHT
20	DINDAYAL	X-706	370000033964	01.06.20	HF50%+G25%+ND25%	109	6102.9	19	4.42	Darpan	6445	BAF-DINDAYAL
21	DAHANU	UID	370010797345	27.02.17	HF50%+G25%+ND25%	370007119295	5771	206	3.56	BAF-Dhiraj	6146	BAF-DAHANU
22	DUSHASAN	Y-710	3700000318811	29.05.21	HF50%+G25%+S25%	486	5011 (1st)	244.82	4.3	Dinar	6545	BAF-DUSHASAN

PEDIGREE DETAILS OF INDIGENOUS BREEDS

Sr. No.	Name of Bull	Tag No.	UID	DOB	Breed	Dam No. / Name	Std. M.Y. (Kg)	GBV	Fat%	Sire	INAPH ID
1	PARASHA	DS-1	370011368247	01.08.13	Dangi	Radhi	900		4.50	Yuvraj	BAF-PARASHA
2	PILOT	DS-2	370011369172	18.11.13	Dangi	Ladki	900		4.50	Bhivsa	BAF-PILOT
3	PUSHPAK	DS-4	370044569440	10.05.13	Dangi	Rama	1000		4.20	Housya	BAF-PUSHPAK
4	PRAKASH	DS-3	370044569542	02.03.13	Dangi	Bala	1000		4.50	Raja	BAF-PRAKASH
5	PERFECT	DS-5	370044569724	14.04.14	Dangi	Panda	1400		4.10	Datta	BAF-PERFECT
6	PRADEEP	DS-6	370044569597	10.08.14	Dangi	Radhi	1300		4.30	Khaji	BAF-PRADEEP
7	PYASA	DS-10	370044569371	10.09.14	Dangi	Bali	1100		4.00	Dandagya	BAF-PYASA
8	PARTH	DS-9	370044569473	15.04.14	Dangi	Dandagi	1000		4.30	Sherankel	BAF-PARTH
9	PRALHAD	DS-7	370044569028	12.09.14	Dangi	Bhima	1400		NA	Pramod	BAF-PRALHAD
10	PRAVIN	DS-8	370044569017	15.11.13	Dangi	79-Krutika	548.5		4.50	Pawan	BAF-PRAVIN
11	ZEBRA	GT-02	--	30.04.05	Gangatiri	Jamuna	1450		NA	Gangatiri	NA
12	VAJEER	97861	370044572986	09.04.12	Gir	Savitri	3200	139	5.00	Vaibhav	BAF-VAJEER
13	VARGIS	97085	370044570444	24.08.12	Gir	Kusum-955	2900	325	4.50	Ranjeet	BAF-VARGIS
14	VINIT	97074	370011368214	16.07.12	Gir	Bharati	3400	751	4.50	Jai	BAF-VINIT
15	VANDAN	97052	370011369902	28.07.12	Gir	Jyoti-131	3200	343	4.50	Ranjeet	BAF-VANDAN
16	WELCOME	KH-5	370011368338	15.10.10	Khillar	Chhabi	1000		4.50	Rajan	BAF-WELCOME
17	WARIS	KH-6	370044569690	05.03.14	Khillar	320001460317	1500		4.00	Phulecha bail	BAF-WARIS
18	WONDER	KH-11	370044569666	20.01.15	Khillar	Ladki	900		4.10	Gavdecha Bail	BAF-WONDER
19	WARRIOR	KH-10	370044569974	05.12.14	Khillar	Radha	1100		4.20	Kalebagacha bail	BAF-WARRIOR
20	IRADA	KV-7	--	10.01.04	Krishna Valley	Tangi	1100		NA	Somaya	NA
21	INDRAJIT	KV-2	--	14.03.04	Krishna Valley	Laxmi	990		NA	Ram	NA
22	IRFAN	KV-1	--	08.01.03	Krishna Valley	Kenda	880		NA	Temple bull	NA
23	IQBAL	KV-8	--	05.08.04	Krishna Valley	Akku	800		NA	Tanya	NA

24	IBRAHIM	KV-5	--	23.05.01	Krishna Valley	Gaowari	770		NA	Kala	NA
25	IZAZ	KV-4	--	17.02.03	Krishna Valley	Sita	660		NA	Ramya	NA
26	IMAM	KV-3	--	08.02.03	Krishna Valley	Laxanati	1320		NA	Laxman	NA
27	GHOLAP	M-02	--	02.09.08	Nimari	Cow-37	500		NA	MP-06	NA
28	GHARONDA	M-03	--	23.02.09	Nimari	Cow-28	500		NA	MP-06	NA
29	GHURI	M-01	--	02.08.08	Nimari	Cow-30	500		NA	MP-06	NA
30	KRUPALU	HG-26	370011366797	06.04.16	Sahiwal	Chotti Singi-3	3558			Kumbh/Sw-1	BAF-KRUPALU
31	XAVIER	GA-1	370011369480	10.05.13	Gaolao	Ambika	1500		4.80	G-649	BAF-XAVIER
32	XEROX	GA-2	370044569360	06.12.13	Gaolao	Sita	1300		4.30	G-787	BAF-XEROX
33	XANTHUS	GA-4	370044570876	15.09.15	Gaolao	Laxmi	1800			Hero	BAF-XANTHUS
34	XENON	UID	370044569303	09.06.15	Gaolao	Gokul	1580		NA	G-649	BAF-XENON
35	FAITHFUL	83	370044573091	24.07.15	Tharparkar	8	3005.8		4.80	1	BAF-FAITHFUL
36	FULCHAND	UID	180024040570	24.12.17	Tharparkar	180010649226	2891		4.00	SAG-TH-286	BAF-FULCHAND
37	VIROCHAN	UID	340142838156	28.03.17	Gir	340133778181	3151.82	326	5.42	SAG-G-08	BAF-VIROCHAN
38	VACHAK	UID	340145096733	02.08.17	Gir	340077973060	3359.35	319	4.57	SAG- MOHAN	BAF-VACHAK
39	NECTOR	Deo-01	370000033758	01.05.17	Deoni	Malan	1858.29		5.40	Moti	BAF-NECTOR
40	BAJRANG	RK-5	370076644344	12.12.17	Red Kandhari	Tambadi	1874.91		4.50	Banti	BAF-BAJRANG
41	FAUNA	8133	340075721443	27.08.16	Tharparkar	6705	3185		4.70	7237	BAF-FAUNA
42	KARIM	SW-2	370011366104	05.02.08	Sahiwal	Lakshmi	4800		5.10	NDRI-1050	BAF-KARIM
43	KUMBH	SW-1	370011366115	27.04.07	Sahiwal	Seeta	4400		5.80	KL1000 NDRI	BAF-KUMBH
44	KAUTUK	612765	370011366718	30.11.14	Sahiwal	Nirmali	3660		5.00	Jug	BAF-KAUTUK
45	KAYAMAT	SW-3	370011366148	16.01.10	Sahiwal	Meera	3600		5.00	Raju	BAF-KAYAMAT
46	VEDPRIYA	Raj/16	370011366354	17.11.14	Gir	Bagmali	3660		NA	Vallabh	BAF-VEDPRIYA
47	VAIKALP	W-Gir-02/GR-11	370000033510	07.01.19	Gir	370010031203	3400	349	4.50	GR-1032 NDDDB	BAF-VAIKALP
48	VASNIK	W-Gir-01/GR-10	370000033018	03.01.19	Gir	370010031225	3400	346	4.60	Gopal	BAF-VASNIK
49	VAJRASEN	W-Gir-08	370000033166	10.09.19	Gir	370000318935	4186	594	4.60	Shyam GLDB	BAF-VAJRASEN
50	VAKRATUND	V-Gir-02	370000033337	15.09.18	Gir	370000318148	3800	312	4.70	Vishnu	BAF-VAKRATUND

51	VAKTASHIR	V-Gir-03/GR-07	370000033372	02.10.18	Gir	370000318068	3400	353	4.60	Vishnu	BAF-VAKTASHIR
52	WISDOM	KH-15	103323487084	30.12.19	Khillar	Radha	403 (1st)		4.10	Sonya	BAF-WISDOM
53	WASHIM	KH-17	103323487073	27.09.19	Khillar	Keshar	592		4.00	Gajendra	BAF-WASHIM
54	WARNER	KH-13	370000318332	25.07.19	Khillar	Gauri	402 (1st)		4.00	Gajendra	BAF-WARNER
55	WALCHAND	KH-16	103323486981	15.10.19	Khillar	Rajnandani	981		4.10	Surjya	BAF-WALCHAND
56	VARTUL	X-GR-03	370000034001	05.07.20	Gir	340103616463	3697 (1st)	211	4.70	Shyam (GLDB)	BAF-VARTUL
57	VAISHNAV	UID	101563046466	10.01.20	Gir	101563049444	4384.3	673.27	4.60	Vaidik	BAF-VAISHNAV
58	VARSHAV	X-GR-04	103323486924	07.08.20	Gir	370010031214	3600 (1st)	144	4.60	Vivek	BAF-VARSHAV
59	VARDHAMAN	UID	100142644330	12.12.19	Gir	100142644306	4005.9	269.57	4.60	Vairag	BAF-VARDHAMAN
60	VENKOJI	UID	100142644250	03.12.19	Gir	100143514587	3782.15	222.92	4.50	Morlo	BAF-VENKOJI
61	VELVET	UID	101549848996	30.11.20	Gir	340145079882	3574.6	268.96	4.50	Rukman	BAF-VELVET
62	VEDANT	975	370011366308	02.10.09	Gir	Makdi	4000	16	4.50	Gopal	BAF-VEDANT
63	KINGSTON	UID	370000033838	21.02.20	Sahiwal	160026986693	3622 (1st)	NA	4.22	Karim	BAF-KINGSTON
64	WINNER	KH-21	103323487288	22.02.20	Khillar	Rukhamini	969.1	NA	4.10	Arjun	BAF-WINNER
65	CHIRAG	UID	370010606131	16.03.20	Hallikar	Lakshmi	831.5	NA	4.00	Rajshekhar	NA
66	WINWORD	KH-20	103323487277	20.06.21	Khillar	Mukta	645.4	NA	4.80	Sonya	NA
67	WILFRED	KH-18	103323487211	14.04.21	Khillar	Malvandi	755.6	NA	4.70	Badal	NA
68	BALRAM	Y-RK-01	370000033177	18.03.21	Red Kandhari	370000318742	1601	NA	4.30	Balaji	NA
69	KALKI	W-SH-02	370000033805	12.01.19	Sahiwal	160026986658	3509	NA	3.98	Tariwala	NA
70	CHE TAK	UID	370010606153	10.06.20	Hallikar	Gowri	521.3	NA	4.00	Kumar	NA

PEDIGREE DETAILS OF MURRAH BUFFALO BULLS

Sr No.	Bull Name	Bull No.	UID	Birth Date	Dam No. / Name	Dam's Std. M.Y.(Kg.)	GBV	Fat%	Sire	INAPH ID
1	SOLKAR	CHRS-3052	370076644207	15.01.11	RRP-304	4852	8	7.50	SG-1	BAF-SOLKAR
2	SOMNATH	CHRS-5422	370011370484	04.06.11	RRPA-698	4816		7.80	S-1	BAF-SOMNATH
3	SRIMANT	JH-310	370076645553	30.10.08	18-378248	4700		7.50	448	BAF-SRIMANT
4	SANSKAR	CHRS-5319	370076644195	28.08.10	RRPA.658	4664	28	7.60	H-418	BAF-SANSKAR
5	SANTAJI	CHRS-7254	370011370677	22.04.11	MI-525	4618	16	7.50	F-2	BAF-SANTAJI
6	SANTUR	CHRS-5409	370076644105	05.09.10	MI-375	4614		7.50	M-3	BAF-SANTUR
7	SIGMA	CHRS-5389	370011369525	18.05.11	MI-534	4604	14	7.60	SP-1	BAF-SIGMA
8	SAIRAJ	CHRS-5426	370011369811	16.10.11	JH-37	4592		7.70	J-1	BAF-SAIRAJ
9	SATVIK	CHRS-6276	370011368180	02.01.11	MI-604	4522		7.60	M-1	BAF-SATVIK
10	SHUKLA	CHRS-4971	370076645520	12.04.11	JH-815	4517	36	7.70	BS-1	BAF-SHUKLA
11	SAHYOG	CHRS-5321	370011370597	12.09.10	RRP.138	4512	27	7.80	H-418	BAF-SAHYOG
12	SHUSHANT	HLDB-13313517	370011368453	09.08.10	Bal.346	4500	11	NA	B-240	BAF-SHUSHANT
13	SUDARSHAN	CHRS-304	370011370438	27.10.09	RRP-284	4500		7.90	H-72	BAF-SUDARSHAN
14	SAWAN	CHRS-6207	370011369228	25.04.11	NIC-7580	4488		7.80	R-1	BAF-SAWAN
15	SUJAL	CHRS-4915	370011370371	22.07.11	BHN-965	4438		8.00	B-5	BAF-SUJAL
16	SHUBHAM	CHRS-6205	370044572634	10.01.11	GH-874	4430	7	7.90	GH-1	BAF-SHUBHAM
17	SARTAJ	CHRS-7299	370011370781	01.01.11	MI-480	4424		7.90	R-2	BAF-SARTAJ
18	SANDY	CHRS-4936	370011370655	12.08.11	NND-1036	4418		7.90	H-415	BAF-SANDY
19	STYLE	CHRS-6255	370011370804	04.08.11	NIC-7504	4412	88	7.80	S-2	BAF-STYLE
20	SHAN	RRP-277	370011368010	25.02.10	CHRS/1249	4342/290		8.00	H-74	BAF-SHAN
21	SUBRATO	CHRS-335	370044573592	25.08.09	HLDB-556	4242	75	8.20	H-74	BAF-SUBRATO
22	SUGRIV	CHRS-7258	370011370280	26.07.11	RRP-258	4200	3	8.10	F-2	BAF-SUGRIV
23	SAINI	61761	370011370553	17.11.09	Kartar No.2	4000		7.50	Satpal (BAIF)	BAF-SAINI
24	SHATAYU	RA-9	370011370267	02.10.10	Laxmi	4000	0	7.20	Raja	BAF-SHATAYU
25	SHAMBHU	57733	370011368065	02.11.12	LAXMI	3800		7.80	Sakha	BAF-SHAMBHU
26	SADGURU	PNJ-01	370011368043	18.06.13	1030	3600		NA	Sahil	BAF-SADGURU
27	SURYAKANT	CHRS-3570	370011368054	23.10.09	159	3496	7	8.00	G-1	BAF-SURYAKANT
28	SHOURYA	PNJ-02	370011368032	30.06.13	1025	3400	56	NA	Sahil	BAF-SHOURYA
29	SANTRO	PNJ-04	370011370006	03.08.13	1003	4400		10.70	Sahil	BAF-SANTRO

30	SAKSHAR	UID	160015161803	04.07.13	RRP/212	4820		7.07	B-3	BAF-SAKSHAR
31	SUMMER	CHRS/4487	370044569702	18.05.14	160015146003	4551	45	NA	K-2	BAF-SUMMER
32	SIKANDER	CHRS/5487	370044573531	03.04.14	19001336282	4212	2	8.00	H-412	BAF-SIKANDER
33	SHLOK	UID	170000010345	15.10.13	RRP/733	4493	24	7.23	D-2	BAF-SHLOK
34	SWING	CHRS/4483	370044569770	20.05.14	160006090500	4466	33	7.90	PB-1	BAF-SWING
35	SWIFT	UID	160015194555	20.10.13	RRP/288	4623		9.13	SP-2	BAF-SWIFT
36	SULPHUR	CHRS/4454	370044572714	30.12.13	160006090590	4872	1	NA	NN-2	BAF-SULPHUR
37	SHELAR	160015163046	370044569347	21.12.13	RRP/868	4245	55	7.55	S-1	BAF-SHELAR
38	SILVER	BAIF BM/1095	370044570843	17.07.14	BM-1024	3400		8.00	Sanam	BAF-SILVER
39	SAIDEEP	160015194032	370044573045	06.08.13	GH/932	4721		NA	D-2	BAF-SAIDEEP
40	SARVESH	UID	160015194258	10.02.14	GH/612	4481	10	7.60	D-2	BAF-SARVESH
41	SITARA	BAIF BM-1091	370044572838	13.05.14	BM-1008	4000		8.00	Sanam	BAF-SITARA
42	SAIPREM	BAIF BM-1092	370044572576	10.11.14	BM-1016	3600	19	8.00	Somdev	BAF-SAIPREM
43	SHERPA	UID	160015174374	20.09.13	SH/311	4685	3	7.58	K-2	BAF-SHERPA
44	SOJVAL	160006090087	370044569187	02.02.13	RRP/282	4649		8.65	SP-2	BAF-SOJVAL
45	SANDOZ	CHRS/4461	370044569746	30.09.14	170000013493	4392	118	NA	SP-1	BAF-SANDOZ
46	SIMPLE	PNJ-06	370076644184	16.11.13	1016	3600	11	7.30	Sahil	BAF-SIMPLE
47	SENGUPT	UID	160015194145	20.12.13	SH-416	4347	7	8.00	K-2	BAF-SENGUPT
48	SHIV	BAIF-BM/1094	370044572873	17.11.14	BM-1036	3600	11	7.30	Somdev	BAF-SHIV
49	SASHANK	PNJ-05	370044569405	04.11.13	1036	3600	15	7.80	Sanam	BAF-SASHANK
50	SANJU	UID	170000011007	01.10.14	190001337217	4556	29	7.80	H-412	BAF-SANJU
51	SAJAN	UID	160015194817	15.04.14	MP/329	3921	20	7.75	M-1	BAF-SAJAN
52	SAMAY	CHRS-4457	370044569336	15.08.14	190001337104	4279	26	NA	AG-504	BAF-SAMAY
53	SAMEEP	BAIF BM-1096	370044572782	15.12.14	BM-1045	3200		7.30	Sandesh	BAF-SAMEEP
54	SAMRUDH	CHRS-4472	370044569393	29.07.14	170000013700	4342		7.80	SPK-5	BAF-SAMRUDH
55	SAIKRIPA	UID	170000010870	04.10.13	RRP/850	4378	9	7.90	F-1	BAF-SAIKRIPA
56	SAIF	UID	160015194613	26.11.13	MP/300	4091	47	8.18	M-1	BAF-SAIF
57	SHOWER	CHRS/4451	370000033202	10.08.14	170000022610	4414		NA	S-1	BAF-SHOWER
58	SUKANU	CHRS/4456	370044569256	20.08.14	160000023964	4228		NA	RR-212	BAF-SUKANU
59	SHIVAMRUT	UID	160015141052	22.12.13	RRR/989	4224		8.16	SPK-1	BAF-SHIVAMRUT
60	SHYAMLAL	69897	370044569484	20.01.14	Laxmi	3800		7.60	Sakha	BAF-SHYAMLAL
61	SHENOY	CHRS/4478	370044569438	22.06.14	190001337013	4206		7.60	S-2	BAF-SHENOY
62	SHIVTEJ	BAIF BM/1097	370044569427	15.07.14	BM-1043	3400		9.50	Sanam	BAF-SHIVTEJ
63	SUPERB	UID	170000010948	16.02.14	RRP/416	4394		8.21	F-1	BAF-SUPERB

64	SHODH	UID	170000010824	17.10.13	RRP/732	4369		7.99	S-1	BAF-SHODH
65	SHIKAGO	UID	160015141930	25.10.13	RRP/851	4073	19	9.59	SPK-2	BAF-SHIKAGO
66	SWABHAV	HLDB-14-388450	370044569110	10.08.14	190001337068	4303		NA	SP-4	BAF-SWABHAV
67	SWAGAT	UID	160015194065	15.01.13	MP/922	4060	40	8.33	M-1	BAF-SWAGAT
68	SWIKAR	UID	160006090134	15.03.14	RRP/406	4355	11	7.21	R-1	BAF-SWIKAR
69	SWARG	CHRS/5493	370044570001	28.09.14	160000023213	4716	34	NA	SP-2	BAF-SWARG
70	SWARUP	UID	340079586043	16.08.15	340079589533	3810	14	NA	SAG-BM-347	BAF-SWARUP
71	SANYYAM	UID	340079592603	16.09.14	340021048598	4531	60	NA	SAG-BM-347	BAF-SANYYAM
72	SHIDHANT	UID	130002664354	25.01.15	130001727867	3326		NA	SAG-BM-347	BAF-SHIDHANT
73	SURYATARA	HLDB-4/358405	370044569952	24.07.14	190001337057	4436	8	NA	S-2	BAF-SURYATARA
74	SWARAJ	UID	340077527582	22.08.15	340077440068	2951	8	NA	HIS-70577	BAF-SWARAJ
75	SHARDUL	UID	340077059232	19.03.15	340009454043	3097	18	NA	SAG-BM-72	BAF-SHARDUL
76	SUBJECT	UID	340062295772	18.10.15	340021130811	2401 (1st)	157	NA	SAG-BM-228	BAF-SUBJECT
77	SADIK	BAIF-BM/1093	370044572964	29.12.14	BM-1017	3400	23	9.00	Somdev	BAF-SADIK
78	SOUMYA	UID	130002990588	08.06.15	130001788515	4110.89	61	NA	SAG-BM-347	BAF-SOUMYA
79	SUGANDH	170000010937	370044572656	26.10.13	RRP/734	4223		7.54	S-1	BAF-SUGANDH
80	SHRISAI	CHRS/3128	370044569553	06.06.14	RRP/36	4561	15	7.18	S-1	BAF-SHRISAI
81	SAMPARK	UID	160014062108	25.10.15	160006318303	3180.77(1st)		NA	HIS-B-1-330	BAF-SAMPARK
82	SWADHIN	UID	160014183607	20.11.15	160006264261	3026.07	5	NA	HIS-PC-461	BAF-SWADHIN
83	SHRITEJ	UID	160006752121	09.08.15	160004767061	3338.09		NA	HIS-105144	BAF-SHRITEJ
84	SAVDHAN	UID	160027004915	25.03.16	160015811148	4807		8.92	S-2	BAF-SAVDHAN
85	SHALIMAR	UID	160027004505	08.01.16	160024195242	4751		NA	D-2	BAF-SHALIMAR
86	SIMBA	UID	190004155721	14.07.16	190002046696	3036 (1st)	39	NA	HIS 70577	BAF-SIMBA
87	SANCHAY	UID	340084192434	04.08.16	340022448201	2562 (1st)	152	NA	SAG-BM-246	BAF-SANCHAY
88	SHAKUNI	UID	160027004414	26.07.16	160016258963	4344		NA	F-2	BAF-SHAKUNI
89	SURYODAY	UID	160024195344	23.02.16	160027004595	4724		NA	F-2	BAF-SURYODAY
90	SIGNAL	UID	340138440063	13.11.15	340079622482	3623.93	0	NA	HIS-105144	BAF-SIGNAL
91	SINHASAN	340139219588	340193219588	15.12.15	340079570208	4983.61	34	NA	HIS-105144	BAF-SINHASAN
92	SAJUK	UID	160024195470	01.12.15	160024195548	4881		8.10	F-2	BAF-SAJUK
93	SWASTIK	UID	190004155264	08.09.15	190002108304	3150(1st)	85	NA	SAG-BM-347	BAF-SWASTIK
94	SWAYAM	160027002337	370076644047	15.05.16	160027004208	4600	39	NA	M-155	BAF-SWAYAM
95	SHRIMAN	160027004072	370000033417	11.12.15	160027004516	4872		NA	ST-3	BAF-SHRIMAN

96	SHOBARAJ	UID	340077477943	24.09.15	340022327145	3054 (1st)	148	NA	SAG-BM-136	BAF-SHOBARAJ
97	SHIVRAY	UID	160015796191	10.10.15	160027004210	4815		8.21	D-2	BAF-SHIVRAY
98	SANYOG	160026980088	370076644264	04.08.16	160024-195333	4699	37	8.84	N-3	BAF-SANYOG
99	SWAKIY	UID	160015796896	09.09.16	160015-796828	4589	67	8.72	S-1	BAF-SWAKIY
100	SWAR	UID	160027004700	04.07.16	160024195674	4871.5	17	8.83	J-5	BAF-SWAR
101	SURAKSHA	UID	130004504481	10.08.16	130001927026	3036	79	7.89	NBH-Mulla	BAF-SURAKSHA
102	SHINYOY	UID	130002994946	30.04.15	130001724366	3015		7.80	SAG-BM-347	BAF-SHINYOY
103	SOHAIL	UID	160027004618	12.09.16	160037134694	4382	5	8.74	S-1	BAF-SOHAIL
104	SHAKIB	160026980077	370076644470	25.02.16	160027004458	4724.5	14	8.92	D-2	BAF-SHAKIB
105	SATTADHISH	UID	130005635890	17.10.16	130004515400	2890 (1st)	27	8.20	NBH-Mulla	BAF-SATTADHISH
106	SWABHIMAN	UID	190012241654	02.05.16	380012983376	2549 (1st)		NA	HIS-PC-461	BAF-SWABHIMAN
107	SWABHAVIK	UID	160026980226	24.03.16	160015811503	4815		8.21	D-2	BAF-SWABHAVIK
108	SIDHANATH	UID	340077398882	25.07.15	340020952131	3118.78	101	NA	SAG-BM-342	BAF-SIDHANATH
109	SANVAD	UID	160015818244	20.05.16	1600151811230	4551	15	8.69	S-1	BAF-SANVAD
110	SNEH	UID	160015818368	04.04.16	160027004493	4664	14	9.08	F-2	BAF-SNEH
111	SHIVAM	UID	160015796613	08.10.16	160037134876	4493	33	9.02	S-1	BAF-SHIVAM
112	SWIKRUT	130004410271	370044573034	24.03.16	130002668290	3489	3	7.51	NBH-MULLA	BAF-SWIKRUT
113	SANGAM	UID	340079624694	30.09.15	340079561572	3201.49	78	NA	SAG-BM-347	BAF-SANGAM
114	SUNRAJ	UID	160015796112	17.08.16	160015796750	4518	26	9.08	M-155	BAF-SUNRAJ
115	SAMPURN	UID	13005253913	12.12.15	130001673074	3075	36	8.57	SAG-BM-377	BAF-SAMPURN
116	SATYA	160027004323	370076644138	04.12.15	160027114937	4799		8.84	SDF-2	BAF-SATYA
117	SHOUKAT	160027004482	370076644127	12.12.15	160027004447	4924		8.44	SP-7	BAF-SHOUKAT
118	SHIKVA	UID	340079618603	03.09.15	340077442305	3071 (1st)	73	NA	SAG-BM-347	BAF-SHIKVA
119	SOMESWAR	UID	130005291093	28.11.16	130004603905	3030 (1st)	18	7.90	NBH-MULLA	BAF-SOMESWAR
120	SHIKKA	UID	130002943201	02.12.16	130001451977	2748 (1st)		8.11	SAG-BM-264	BAF-SHIKKA
121	SUKHAD	UID	130005676151	29.11.16	130002944567	4147		8.37	SAG-BM-264	BAF-SUKHAD
122	SHANMUKH	UID	130005266666	25-10-16	130001712605	3387(1st)	23	7.17	NBH-Mul	BAF-SHANMUKH
123	SANESH	UID	160027004367	09-10-16	160037134273	4518		8.68	M-155	BAF-SANESH
124	SHIRTARA	UID	130005333043	17-05-15	130001488746	3020 (1st)	54	NA	SAG-BM-347	BAF-SHIRTARA
125	SURYATEJ	UID	160014075912	16-10-16	116000062256	3553	86	7.80	HIS-PC-461	BAF-SURYATEJ
126	SHUTTLE	UID	160018242665	05.07.17	160004050884	4250	31	7.60	GUR-MR-257	BAF-SHUTTLE
127	SUMANT	UID	160025769003	24.02.17	160014793662	3455	53	NA	GUR-PC-1077`	BAF-SUMANT
128	SOUMITRA	UID	160009210857	07.08.17	160013496670	3738		7.90	HIS-70577	BAF-SOUMITRA
129	SECTOR	UID	160025228584	17.07.17	160025228584	3489.25		NA	HIS-B-1-330	BAF-SECTOR

130	SOBER	UID	160018242654	06.07.17	160003275406	3963.16		NA	GUR-MR-257	BAF-SOBER
131	SURAYYA	UID	130005738760	22.11.16	130001888236	3615	31	NA	SAG-BM-264	BAF-SURAYYA
132	SHANTARAM	UID	160019090495	12.07.17	160006191986	3790	81	NA	HIS-PC-574	BAF-SHANTARAM
133	SANGIT	PNJ-03	370076644355	07.07.13	1053	3600	48	NA	Sahil	BAF-SANGIT
134	SHREE	UID	160013591155	09.12.17	160013492882	3603	79	NA	HIS-B-1-330	BAF-SHREE
135	SOUGANDH	UID	130005984623	10.12.16	130001571345	3053	37	7.96	NBH-MULLA	BAF-SOUGANDH
136	SURDAS	UID	160027002268	25.07.16	160027004642	4763		8.45	M-155	NA

PEDIGREE DETAILS OF BUFFALO BULLS

Sr. No.	Bull Name	Breed	Bull No.	UID	Birth Date	Dam No. / Name	Dam's Std. M. Y. (kg)	Fat%	Sire	INAPH ID
1	PHILLIPS	Pandharpuri	M-240	370076644366	08.04.09	403	2276.8	6.40	205	BAF-PHILLIPS
2	PHATAK	Pandharpuri	256	370011369412	09.11.11	183	1624.9 (1st)	6.91	54	BAF-PHATAK
3	TIRANGA	Jaffarabadi	340024/230964	370076644812	13.08.09	Malan	4400	8.00	Sukhdev	BAF-TIRANGA
4	TULSIDAS	Jaffarabadi	UID	340077601668	08.10.14	340077642818	4323	NA	SAG-JF-05	BAF-TULSIDAS
5	TUKARAM	Jaffarabadi	UID	340077549337	09.07.14	340076959031	3874	NA	SAG-JF-03	BAF-TUKARAM
6	TANUJ	Jaffarabadi	UID	340135298312	01.10.16	340077966271	3915(1st)	NA	SAG-JF-05	BAF-TANUJ
7	QURESHI	Bhadavari	B-277	370044572747	05.08.09	19	1944	7.60	87	BAF-QURESHI
8	QUINTAL	Bhadavari	B-304	370011370586	09.05.10	131	1637	7.54	87	BAF-QUINTAL
9	CHHAVA	Nili Ravi	UID	130003447692	10.11.16	130003447624	3613	NA	NIRMA	BAF-CHHAVA
10	CHHOTU	Nili Ravi	UID	130004555407	23.12.16	130003435020	3102	7.52	NOVA	BAF-CHHOTU
11	GALAXY	Mehsana	UID	340138849293	26.03.17	340067128175	4589	6.84	DSU-MB-079409	BAF-GALAXY
12	GAJANAN	Mehsana	UID	370076644286	15.10.16	340011503116	3742	6.62	DSU-MB-080	NA
13	TARACHAND	Jaffarabadi	UID	340024199060	14.12.19	Sasali	5371.45	13.0	SAG Patan	NA
14	TRIBHUVAN	Jaffarabadi	UID	340155284525	28.08.18	Lathi	4129.46	8.2	Topal	BAF-TRIBHUVAN
15	TRAMBAK	Jaffarabadi	UID	340024192027	14.08.19	Kinjal	4400	8.2	Tyagi	BAF-TRAMBAK

PEDIGREE DETAILS OF BULLS FROM JIND SEMEN FREEZING LABORATORY

Sr. No.	Name of Bull	Tag No.	UID	Date of Birth	Breed	Dam No. / Name	Std. M.Y. (Kg)	GBV	Fat%	Sire	INAPH ID
1	FULORA	8210	370076499752	13.04.17	Tharparkar	7205	3021		4.60	7029	JND-FULORA
2	KAMDEV	2979	370011366161	15.02.12	Sahiwal	S-505	3679		5.20	S-4037	BAF-KAMDEV
3	KARSAN	2975	370011366194	30.01.12	Sahiwal	S-205	3544		NA	S-4037	BAF-KARSAN
4	KAILAS	S-7	370011366150	29.12.05	Sahiwal	S-31	3463		5.50	ASW 573	BAF-KAILAS
5	KAUTILYA	2964	370011366126	15.11.11	Sahiwal	S-221	3415		NA	S-4021	BAF-KAUTILYA
6	KABIR	2984	370011366137	02.03.12	Sahiwal	S-359	3255		4.90	S-4037	BAF-KABIR
7	KANCHAN	2973	370011366057	16.01.12	Sahiwal	S-536	3184.2		5.20	S-4021	BAF-KANCHAN
8	KARTIK	53002	370011366252	13.07.12	Sahiwal	50580	3175.2		5.20	S-4077	BAF-KARTIK
9	KALYAN	53061	370011366285	17.05.13	Sahiwal	50201	3641.8		5.30	S-4049	BAF-KALYAN
10	KALANDER	2965	370011366035	18.11.11	Sahiwal	S-560	3137.4		NA	S-4021	BAF-KALANDER
11	KESHAV	S-2944		01.06.11	Sahiwal	S-399	3127		NA	S-4009	BAF-KESHAV
12	KIWI	S-2932	370011366081	28.03.11	Sahiwal	S-537	3126		5.10	Sona	BAF-KIWI
13	KANHA	S-2891	370011366024	05.11.10	Sahiwal	S-247	3069		4.90	S-4023	BAF-KANHA
14	KISAN	612468	370011366707	01.11.14	Sahiwal	Niswari	3050		5.40	Jug	BAF-KISAN
15	KUSHAN	S-2936	370011366068	20.04.11	Sahiwal	S-297	3013		5.20	S-4009	BAF-KUSHAN
16	KUBER	2969	370011366172	16.12.11	Sahiwal	S-337	3012.1		5.00	S-4037	BAF-KUBER
17	KUNAL	53044	370011366296	10.01.13	Sahiwal	50337	3012.1		5.00	S-4049	BAF-KUNAL
18	KEPLER	HG-20	370011366753	02.12.14	Sahiwal	S-4	3202		4.90	S-742	JND-KEPLER
19	KSHAMA	270/111	370011366662	12.02.11	Red Sindhi	131.399	3386		4.90	Ronak. NDDB	BAF-KSHAMA
20	KALIDAS	HG-24	370011366775	10.08.15	Sahiwal	Dabbi-12	3152		5.20	S-742	JND-KALIDAS
21	KISMAT	612798	370011366720	11.01.15	Sahiwal	Santi	3660		4.90	Dula	JND-KISMAT
22	KARVMIR	HG-30	370011366811	01.06.15	Sahiwal	S-17	3406		4.90	NDRI8070	JND-KARVMIR
23	KAVACH	SW-099	370011366866	14.01.15	Sahiwal	SW-064	3356		5.40	A.I.C.Sw-2037	BAF-KAVACH
24	KSHITIJ	974/210	370011366651	30.05.10	Red Sindhi	131.399	3386		4.90	Raghu.NDDB	BAF-KSHITIJ
25	KUNDAN	SW-100	370011366877	01.03.15	Sahiwal	S-109	3270		5.50	A.I.C.Sw-2056	BAF-KUNDAN

26	KALPTARU	HG-23	370011366764	30.10.15	Sahiwal	S-41	3457		NA	NDRI-8070	JND-KALPTARU
27	KAMGAR	SW-90	370011366855	28.07.14	Sahiwal	S-113	3157		5.50	SW-2056	JND-KAMGAR
28	KARAMAT	HG-22	370011366593	10.01.16	Sahiwal	S-7	3579		5.20	HBTWB-4123	JND-KARAMAT
29	KOSHIS	SW-142	370011366924	09.05.15	Sahiwal	S-95	3617		5.60	SW-2037	JND-KOSHIS
30	KANGARU	BS-1/2017	370011366888	21.03.17	Sahiwal	S-127	4400		5.10	Kayamat/SW-3	JND-KANGARU
31	KUSHLAV	BS-2/2017	370011366890	16.04.17	Sahiwal	62	3500		5.20	Kumbh SW-1	JND-KUSHLAV
32	KARLE	HG-27	370011366800	30.05.16	Sahiwal	S-2	3711		5.10	Kumbh/Sw-1	JND-KARLE
33	KSHANIK	977/210	370011366638	03.06.10	Red Sindhi	131.399	3386		4.90	Raghu.NDDB	BAF-KSHANIK
34	KAKSHA	HG-25	370011366786	20.03.15	Sahiwal	Chotti Singi-3	3558		4.80	Raj	JND-KAKSHA
35	KULDEV	160023761424	370076499832	04.12.16	Sahiwal	S-114	3255 (1st)		6.20	N.SC 887S47	JND-KULDEV
36	KAKUN	160023757214	370076499945	25.02.17	Sahiwal	S-110	3655.84		6.00	A.I.C SW-2212	BAF-KAKUN
37	KUTUB	160023756426	370076499923	04.01.17	Sahiwal	S-131	3802.69		5.80	A.I.C SW-2138	JND-KUTUB
38	KALLOL	160023755902	370011366902	17.12.16	Sahiwal	SW-182	3310		5.60	A.I.C SW-2138	BAF-KALLOL
39	KABIRDAS	160023756687	370011366913	30.11.16	Sahiwal	S-74	3698		5.5	SW-2019	BAF-KABIRDAS
40	KRUPALU	HG-26	370011366797	06.04.16	Sahiwal	Chotti Singi-3	3558		4.80	Kumbh/Sw-1	BAF-KRUPALU
41	KISKAND	SW-088	370011366833	10.11.14	Sahiwal	S-70	3360 (1st)		6.40	A.I.C.Sw-2019	BAF-KISKAND
42	KALPESH	160023763170	370076499865	30.05.17	Sahiwal	S-70	3360 (1st)		6.40	A.I.C SW-2138	JND-KALPESH
43	KSHATRIY	947/209	370011366627	01.06.09	Red Sindhi	196.304	3290		NA	Raghu (NDDB)	BAF-KSHATRIY
44	KSHANAN	257/210	370011366673	12.06.10	Red Sindhi	203.405	2786		5.10	Raghu	BAF-KSHANAN
45	KSHIRSAGAR	262/310	370011366605	28.08.11	Red Sindhi	181/303	2724		5.10	Raghu	BAF-KSHIRSAGAR
46	KSHETRAPAL	0029/uldb		16.07.11	Red Sindhi	193.204	2671		NA	Raghu	BAF-KSHETRAPAL
47	YUVRAJ	47518952	370011366217	07.02.06	Rathi	46417400	3236		NA	46427962	BAF-YUVRAJ
48	YASHPAL	46424712		27.12.04	Rathi	46417342	3193		NA	46427450	JND-YASHPAL
49	YADGAR	47500163	370011366228	24.01.08	Rathi	46428726	2868		NA	46428191	JND-YADGAR
50	YOGESH	77349541	370011366217	11.12.06	Rathi	46418380	2605		NA	46419166	JND-YOGESH
51	KHEMCHAND	H-1	370011366684	20.01.11	Haryana	Dungali	2846		4.90	Sheru	JND-HR-H1
52	KHAMBIR	H-3	370011366640	10.11.11	Haryana	Dudhiya	2800		5.10	Ashok	JND-HR-H3
53	KHUSHAL	H-2	370011366616	16.03.11	Haryana	Ganga	2236		5.30	Sheru	JND-KHUSHAL
54	VARUN	GH-3	370076498838	25.04.04	Gir	G-720	4250		NA	Shambhu	JND-VARUN

55	VENKI	Laxman	340011366340	13.07.09	Gir	Laxmi	3800		NA	Dharam	BAF-VENKI
56	VAIRAG	97303	370011366241	27.08.13	Gir	Meera	3253		4.50	Vanaraj	BAF-VAIRAG
57	VIKRAM	97143	370011366365	28.10.13	Gir	Babu	4676		NA	Paras	JND-VIKRAM
58	VIVIAN	97256	370011366957	20.01.14	Gir	Nagjibhais Cow	3660		4.80	Varun	BAF-VIVIAN
59	VINCENT	97267	370011366968	30.03.15	Gir	Pravinbhai cow	4067		4.90	Viru	BAF-VINCENT
60	VEDVYAS	BISLD Gir-7799	370076499843	06.06.17	Gir	Gita	4346.25		6.80	Vasu CBF Ju.dh	JND-VEDVYAS
61	VEERPAK	340145077987	370076499912	13.11.17	Gir	Mohini-09	3959		5.15	Vishnu	JND-VEERPAK
62	VINAYAK	BISLD Gir-7930	370076499854	14.02.17	Gir	Mira	4773.25		6.60	Vishnu	JND-VINAYAK
63	VIRAR	GRV-Gir-2500	370076499901	19.10.17	Gir	Kapila	6020.7		5.50	Shyam GLDB	JND-VIRAR
64	ANUBHAV	T-302	370044572257	05.03.16	100%HF	M-215	7009		3.60	B.E.R.	JND-ANUBHAV
65	AWARD	U-306	370044571106	04.04.17	100%HF	P-205	7862.6		3.42	Ayush	JND-AWARD
66	ALIBABA	U-302	370044571072	12.03.17	100%HF	L-205	5791 (1st)		3.20	Ruskenn	JND-ALIBABA
67	DNYANSAGAR	49298	370011366480	26.04.15	Nagori	51206	2671		NA	N-007	JND-DNYANSAGAR
68	DNYANRAJ	49227	370011366478	21.03.15	Nagori	52217	2831		NA	N-95	JND-DNYANRAJ
69	DNYANESH	30973	370076498840	27.06.14	Nagori	37573	2639		NA	N-101	JND-DNYANESH
70	DNYANEDRA	429294	370011366467	03.06.15	Nagori	53222	2521		NA	N-77	JND-DNYANEDRA
71	DNYANKRIPA	Nic-868	370076498851	26.03.15	Nagori	77051	2591		NA	N-601	JND-DNYANKRIPA
72	VAYUDUT	GRV-GR-3445	370076499934	22.10.20	Gir	Krishna	4819		6.15	Shyam GLDB	JND-VAYUDUT
73	VIDUR	GRV-GR-3000	370076499967	20.02.17	Gir	Kabri	3827.75		5.60	Vishnu	JND-VIDUR
74	KUNWAR	BS-3/2018	370076500245	07.02.18	Sahiwal	63	3860 (1st)		4.90	Kamdev	JND-KUNWAR
75	VIRBAHU	70672	370076499898	10.08.17	Gir	Jelly-2007	3586.2		5.80	Vishnu	JND-VIRBAHU
76	KAUSHIK	763465	370076499978	27.08.17	Sahiwal	S-90	3256		6.50	A.I.C.Sw2144	JND-KAUSHIK
77	VATSAL	BISLD/GIR/5898	370076500278	19.12.18	Gir	Kani	4036.1		3.90	Virbhanu	JND-VATSAL
78	VISHWAKARMA	GRV-GR-4684	370076500280	12.04.18	Gir	Anjana	4136.2		5.20	Vishnu	JND-VISHWAKARMA
79	FREDRIK	8202	370076499956	27.03.17	Tharparkar	7085	3209		4.7	7154	JND-FREDRIK
80	VINSON	GRV-GR-4675	370076500336	23.06.18	Gir	Kiran	4763.6		4.8	SAG-10032	JND-VINSON
81	KAYANSH	130008-544213	370076500393	02.11.19	Sahiwal	130005995687	3365 (1st)		4.16	NBH-Swift	JND-KAYANSH
82	KULVANT	460910	370076500201	25.12.17	Sahiwal	450874	3215.6		4.9	NBH-Swift	JND-KULVANT

83	VARDAN	BISLD-GIR-4700	370076500325	19.02.19	Gir	Jeeta	3705 (1st)		6.6	Velu	JND-VARDAN
84	KUSMAND	450976	370076500198	03.11.17	Sahiwal	450750	3914.2 (1st)		5.3	Kumbh BAIF	JND-KUSMAND
85	KISANDEV	50544	370076-500371	25.04.19	Sahiwal	130008379074	2864 (1st)		4.14	ROP-Star	JND-KISANDEV
86	KAVAN	BS-4/2019	370076500518	23.06.19	Sahiwal	64	3970 (1st)		5.1	Kamdev	NA
87	KAILASPATI	180048334681	370076500256	20.07.19	Sahiwal	180017756985	4118.7		5.0	SAG-S-34	NA
88	KETUMAN	130005999134	370076500360	10.07.19	Sahiwal	130005999101	2979 (1st)		5.3	Sher	NA
89	KANISHKA	130010806601	370076500041	21.12.20	Sahiwal	130010808367	4437.54		4.71	SAG-SL-10068	NA
90	KENADY	130008387004	370076500440	20.01.21	Sahiwal	130007228500	4052		4.7	SAG-SL-10063	NA
91	KALURAM	340164837323	370076500495	17.04.20	Sahiwal	340145450750	3914.2		5.2	Shambhu	NA
92	KELVIN	130026555315	370076500267	25.12.20	Sahiwal	130010268532	3567.5		4.15	SAG-SL-10059	NA
93	KASHYAP	130010752650	370076500291	08.03.20	Sahiwal	130005818210	3805		4.2	SAG-40	NA
94	KENT	130026992510	370076500074	18.12.20	Sahiwal	130010750447	3276		4.5	SAG-SL-10068	NA
95	VANSH	180021021211	370076500405	04.11.19	Gir	Lalki	3846.1 (1st)	153	4.5	100032 NDDDB	NA

PEDIGREE DETAILS OF GOAT (BUCK) FROM WAGHOLI SEMEN FREEZING LABORATORY

Sr.No.	Buck Name	Tag No.	Dateofbirth	Breed	Peculiarity	Source of buck
1	Tarak-GT	B-1896	10 January 2018	Barbari	Triplets	CIRG, Makkdhum (UP)
2	Tipu-GT	B-1922	28 January 2018	Barbari	Triplets	CIRG, Makkdhum (UP)
3	Paarth-GT	62240	18 April 2017	Beetal	Triplets	Farmer
4	Pandit-GT	62244	22 April 2017	Beetal	Triplets	Farmer
5	Pankaj-GT	62245	12 April 2017	Beetal	Triplets	Farmer
6	Parag-GT	62242	16 April 2017	Beetal	Triplets	Farmer
7	Pavan-GT	62241	10 April 2017	Beetal	Triplets	Farmer
8	Prakash-GT	62243	10 April 2017	Beetal	Triplets	Farmer
9	Nagesh-GT	62218	04 July 2018	Berari	Triplets	MAFSU, Nagpur
10	Nandu-GT	62219	14 July 2018	Berari	Triplets	MAFSU, Nagpur
11	Narad-GT	62220	27 June 2018	Berari	Triplets	MAFSU, Nagpur
12	NATH-GT	62228	07 October 2018	Berari	Triplets	MAFSU, Nagpur
13	Badal-GT	62191	05 March 2018	Black Bengal	Triplets	Farmer
14	Badsha-GT	62227	05 April 2017	Black Bengal	Triplets	Farmer
15	Bahar-GT	62194	03 March 2018	Black Bengal	Triplets	Farmer
16	Bali-GT	62223	06 June 2017	Black Bengal	Triplets	Farmer
17	Banshi-GT	62188	03 March 2018	Black Bengal	Triplets	Farmer
18	Bhavan-GT	62197	09 March 2018	Black Bengal	Triplets	Farmer
19	Bhavik-GT	62187	05 February 2018	Black Bengal	Triplets	Farmer
20	Bhim-GT	62225	03 April 2017	Black Bengal	Triplets	Farmer
21	Bhupal-GT	62193	01 April 2018	Black Bengal	Triplets	Farmer
22	Bhushan-GT	62221	10 May 2017	Black Bengal	Triplets	Farmer
23	Jagwar-GT	J-9520	04 May 2018	Jamunapari	Triplets	CIRG, Makkdhum (UP)
24	Jawan-GT	J-9557	02 May 2018	Jamunapari	Triplets	CIRG, Makkdhum (UP)
25	Ojapati-GT	62216	20 July 2017	Osmanabadi	Triplets	Farmer
26	Ojas-GT	62213	17 June 2017	Osmanabadi	Triplets	Farmer
27	Oman-GT	62214	23 June 2017	Osmanabadi	Triplets	Farmer

28	Omeed-GT	62215	10 June 2017	Osmanabadi	Triplets	Farmer
29	Omkara-GT	62211	03 May 2017	Osmanabadi	Triplets	Farmer
30	Oorjit-GT	62217	09 April 2017	Osmanabadi	Triplets	Farmer
31	Ori_GT	62212	10 July 2017	Osmanabadi	Triplets	Farmer
32	Sawan-GT	62207	24 November 2017	Sangamneri	Triplets	Farmer
33	Shakti-GT	62210	15 December 2017	Sangamneri	Triplets	Farmer
34	Sushil-GT	62208	21 November 2017	Sangamneri	Triplets	Farmer
35	Swaraj-GT	62209	27 December 2017	Sangamneri	Triplets	Farmer
36	Rahul-GT	31	18 October 2018	Sirohi	Triplets	Farmer
37	Raja-GT	32	07 November 2018	Sirohi	Triplets	Farmer
38	Ramesh-GT	30	10 October 2018	Sirohi	Triplets	Farmer
39	Roshan-GT	33	09 January 2019	Sirohi	Triplets	Farmer
40	Rohidas-GT	34	04 February 2019	Sirohi	Triplets	Farmer
41	Jabbar-GT	J-9582	15 May 2019	Jamunapari	Triplets	Farmer
42	Jagan-GT	J-9552	07 June 2018	Jamunapari	Triplets	Farmer
43	Guru-GT	0035	04 June 2019	Ganjam	Triplets	Farmer
44	Galib-GT	0036	27 May 2019	Ganjam	Triplets	Farmer
45	Glob-GT	0037	30 May 2019	Ganjam	Triplets	Farmer
46	Gopinath-GT	0038	17 April 2019	Ganjam	Triplets	Farmer
47	Gabber-GT	0039	14 May 2019	Ganjam	Triplets	Farmer
48	Ganraj-GT	0041	19 April 2019	Ganjam	Triplets	Farmer
49	Balaji-GT	0057	13 June 2020	Black Bengal	Triplets	Farmer
50	Baldev-GT	0055	13 June 2020	Black Bengal	Triplets	Farmer
51	Balwan-GT	0056	18 June 2020	Black Bengal	Triplets	Farmer
52	Banhatt-GT	0054	29 June 2020	Black Bengal	Triplets	Farmer
53	Bhargav-GT	0053	14 June 2020	Black Bengal	Triplets	Farmer
54	Abhiman-GT	586	16 November 2021	African Boer	Twins	Agriculture Development Trust, Baramati
55	Anand-GT	640	13 November 2021	African Boer	Twins	Agriculture Development Trust, Baramati
56	Onkar-GT	60	22 July 2021	Osmanabadi		farmer
57	Omsai -GT	61	10 August 2021	Osmanabadi		farmer
58	Orio-GT	62	08 July 2021	Osmanabadi		farmer

59	Ober-GT	63	09 August 2021	Osmanabadi		farmer
60	Oliver-GT	64	19 August 2021	Osmanabadi		farmer
61	Oscar-GT	65	12 August 2021	Osmanabadi		farmer
62	Ocean-GT	66	25 November 2021	Osmanabadi		Farm Born
63	Ozar-GT	67	12 December 2021	Osmanabadi		Farm Born
64						