

### Breeding Values for Crossbred HF bulls – Based on data from SAG PT Project

Trait : 305 day Milk Yield  
 Species : Cattle  
 Breed : Crossbred Holstein Friesian  
 Date of estimation: 22nd August 2017

SN	Bull Name	Semen Station (source)	Date of Birth	INAPH TAG ID	No. of daughter used in analysis	Breeding value	Reliability (%)	No. of test day records used
1	SAG-NIRAJ	Sabarmati Ashram Gaushala, Bidaj	8/26/1996		62	966	93	590
2	SAG-NEHAL	Sabarmati Ashram Gaushala, Bidaj	12/16/1993		93	894	95	841
3	SAG-NIRAV	Sabarmati Ashram Gaushala, Bidaj	3/26/1994		66	752	94	622
4	SAG-HFS-47	Sabarmati Ashram Gaushala, Bidaj	9/9/2002		65	653	92	594
5	SAG-BORIS	Sabarmati Ashram Gaushala, Bidaj	6/28/1997		46	593	91	421
6	SAG-HFS-102	Sabarmati Ashram Gaushala, Bidaj	2/13/2005		51	520	89	346
7	SAG-JANAK	Sabarmati Ashram Gaushala, Bidaj	8/15/1989		55	514	93	545
8	SAG-HFS-63	Sabarmati Ashram Gaushala, Bidaj	1/6/2003		32	464	88	320
9	SAG-HFG-16	Sabarmati Ashram Gaushala, Bidaj	12/17/2008		110	444	95	919
10	SAG-BHANU	Sabarmati Ashram Gaushala, Bidaj	6/4/1996		34	437	90	282
11	SAG-HFS-95	Sabarmati Ashram Gaushala, Bidaj	5/7/2005		110	421	95	1017
12	SAG-HFS-120	Sabarmati Ashram Gaushala, Bidaj	9/26/2006		120	393	95	1126
13	SAG-HFG-23	Sabarmati Ashram Gaushala, Bidaj	2/17/2010		42	390	86	222
14	SAG-BILLU	Sabarmati Ashram Gaushala, Bidaj	7/18/1997		81	381	94	657
15	SAG-MAHADEV	Sabarmati Ashram Gaushala, Bidaj	5/17/1990		39	364	88	306
16	SAG-HFS-79	Sabarmati Ashram Gaushala, Bidaj	2/28/2004		101	357	95	1019

SN	Bull Name	Semen Station (source)	Date of Birth	INAPH TAG ID	No. of daughter used in analysis	Breeding value	Reliability (%)	No. of test day records used
17	SAG-HFS-83	Sabarmati Ashram Gaushala, Bidaj	12/21/2003		130	350	96	1270
18	SAG-JIGAR	Sabarmati Ashram Gaushala, Bidaj	2/3/2001		122	343	95	962
19	SAG-BINDU	Sabarmati Ashram Gaushala, Bidaj	7/21/1996		31	334	89	280
20	SAG-HFS-09	Sabarmati Ashram Gaushala, Bidaj	3/26/1997		34	311	87	273
21	SAG-MAHA	Sabarmati Ashram Gaushala, Bidaj	7/12/1995		34	304	87	235
22	SAG-HFS-66	Sabarmati Ashram Gaushala, Bidaj	9/19/2003		106	302	95	1040
23	SAG-HFS-147	Sabarmati Ashram Gaushala, Bidaj	12/18/2010		48	299	87	193
24	SAG-BIKU	Sabarmati Ashram Gaushala, Bidaj	5/4/1997		40	297	89	345
25	SAG-HFG-04	Sabarmati Ashram Gaushala, Bidaj	10/2/2002		38	297	89	354
26	SAG-HFS-25	Sabarmati Ashram Gaushala, Bidaj	1/25/2000		35	296	88	310
27	SAG-HFS-85	Sabarmati Ashram Gaushala, Bidaj	1/18/2004		89	283	94	879
28	SAG-HFK-11	Sabarmati Ashram Gaushala, Bidaj	9/6/2004		145	279	96	1436
29	SAG-HFS-108	Sabarmati Ashram Gaushala, Bidaj	2/7/2005		146	273	96	1457
30	ABC-CB-454	Animal Breeding Centre, Salon	3/23/2009		62	268	91	402
31	SAG-HFS-87	Sabarmati Ashram Gaushala, Bidaj	5/19/2004		94	262	94	903
32	SAG-HFS-128	Sabarmati Ashram Gaushala, Bidaj	1/15/2008		58	239	91	486
33	SAG-HFS-123	Sabarmati Ashram Gaushala, Bidaj	1/1/2006		138	237	96	1309
34	SAG-HFS-131	Sabarmati Ashram Gaushala, Bidaj	3/2/2008		32	225	84	155
35	SAG-HFS-100	Sabarmati Ashram Gaushala, Bidaj	7/26/2005		91	213	94	896
36	SAG-BAKER	Sabarmati Ashram Gaushala, Bidaj	11/6/1996		38	193	88	297
37	SAG-HFS-146	Sabarmati Ashram Gaushala, Bidaj	9/16/2009		47	190	87	235
38	SAG-BHOLU	Sabarmati Ashram Gaushala, Bidaj	7/11/1997		41	188	89	328
39	SAG-HFS-80	Sabarmati Ashram Gaushala, Bidaj	6/15/2004		154	176	96	1503

SN	Bull Name	Semen Station (source)	Date of Birth	INAPH TAG ID	No. of daughter used in analysis	Breeding value	Reliability (%)	No. of test day records used
40	SAG-HFS-59	Sabarmati Ashram Gaushala, Bidaj	4/25/2002		35	175	88	323
41	SAG-HFG-20	Sabarmati Ashram Gaushala, Bidaj	9/1/2010		45	169	89	283
42	SAG-HFS-64	Sabarmati Ashram Gaushala, Bidaj	4/10/2003		34	163	87	320
43	SAG-HFS-145	Sabarmati Ashram Gaushala, Bidaj	8/28/2010		63	160	91	362
44	SAG-HFS-121	Sabarmati Ashram Gaushala, Bidaj	3/26/2007		146	158	96	1350
45	SAG-BOTHAM	Sabarmati Ashram Gaushala, Bidaj	10/6/1997		43	156	89	368
46	SAG-BIKEN	Sabarmati Ashram Gaushala, Bidaj	4/6/1995		32	150	87	235
47	SAG-HFG-02	Sabarmati Ashram Gaushala, Bidaj	1/24/2003		32	149	87	289
48	SAG-HFS-122	Sabarmati Ashram Gaushala, Bidaj	9/11/2007		122	148	95	1117
49	SAG-HFS-69	Sabarmati Ashram Gaushala, Bidaj	10/22/2002		32	140	87	296
50	SAG-HFS-45	Sabarmati Ashram Gaushala, Bidaj	12/23/2000		61	130	92	587
51	SAG-BRIJESH	Sabarmati Ashram Gaushala, Bidaj	11/6/1994		39	129	88	293
52	SAG-HFG-15	Sabarmati Ashram Gaushala, Bidaj	7/27/2008		129	123	95	1086
53	SAG-HFS-50	Sabarmati Ashram Gaushala, Bidaj	10/15/2002		46	123	90	400
54	SAG-BOSS	Sabarmati Ashram Gaushala, Bidaj	8/1/1997		33	121	91	259
55	SAG-HFS-134	Sabarmati Ashram Gaushala, Bidaj	5/1/2008		119	113	95	858
56	SAG-HFS-149	Sabarmati Ashram Gaushala, Bidaj	1/23/2011		46	112	88	250
57	SAG-HFS-70	Sabarmati Ashram Gaushala, Bidaj	7/8/2003		145	108	96	1448
58	SAG-BONY	Sabarmati Ashram Gaushala, Bidaj	7/6/1997		43	106	89	357
59	SAG-HFS-94	Sabarmati Ashram Gaushala, Bidaj	1/4/2004		118	105	95	1146
60	SAG-HFG-22	Sabarmati Ashram Gaushala, Bidaj	6/17/2010		99	102	94	607
61	SAG-HFS-125	Sabarmati Ashram Gaushala, Bidaj	5/20/2006		92	101	94	826
62	SAG-BANKIM	Sabarmati Ashram Gaushala, Bidaj	9/12/1994		32	95	85	257

SN	Bull Name	Semen Station (source)	Date of Birth	INAPH TAG ID	No. of daughter used in analysis	Breeding value	Reliability (%)	No. of test day records used
63	SAG-HFS-55	Sabarmati Ashram Gaushala, Bidaj	12/24/2002		36	91	87	331
64	SAG-HFS-84	Sabarmati Ashram Gaushala, Bidaj	12/24/2003		140	90	96	1366
65	ABC-CB-417	Animal Breeding Centre, Salon	8/2/2009		76	85	92	507
66	SAG-HFS-24	Sabarmati Ashram Gaushala, Bidaj	12/17/1999		37	82	88	312
67	SAG-HFS-01	Sabarmati Ashram Gaushala, Bidaj	2/27/1998		31	81	86	261
68	SAG-HFS-144	Sabarmati Ashram Gaushala, Bidaj	1/1/2010		64	75	91	367
69	SAG-HFS-98	Sabarmati Ashram Gaushala, Bidaj	9/7/2005		128	73	96	1275
70	ABC-CB-183	Animal Breeding Centre, Salon	7/3/2003		84	61	92	583
71	SAG-HFS-130	Sabarmati Ashram Gaushala, Bidaj	6/5/2005		109	59	95	1019
72	ABC-CB-362	Animal Breeding Centre, Salon	10/1/2008		82	47	93	518
73	SAG-HFK-09	Sabarmati Ashram Gaushala, Bidaj	1/25/2004		78	46	93	768
74	SAG-HFS-117	Sabarmati Ashram Gaushala, Bidaj	8/9/2006		178	45	96	1570
75	SAG-HFS-51	Sabarmati Ashram Gaushala, Bidaj	10/6/2002		38	36	89	328
76	SAG-HFS-46	Sabarmati Ashram Gaushala, Bidaj	5/20/2003		173	34	96	1398
77	SAG-HFS-86	Sabarmati Ashram Gaushala, Bidaj	8/11/2004		122	33	95	1174
78	SAG-HFS-129	Sabarmati Ashram Gaushala, Bidaj	11/4/2007		100	33	94	926
79	SAG-HFK-22	Sabarmati Ashram Gaushala, Bidaj	7/10/2009		131	28	95	1082
80	SAG-HFS-65	Sabarmati Ashram Gaushala, Bidaj	7/8/2003		51	28	91	480
81	SAG-HFG-05	Sabarmati Ashram Gaushala, Bidaj	5/9/2003		121	24	95	1119
82	SAG-HFS-132	Sabarmati Ashram Gaushala, Bidaj	2/19/2008		99	23	94	734
83	SAG-HFG-19	Sabarmati Ashram Gaushala, Bidaj	7/21/2009		60	21	90	330
84	SAG-HFS-36	Sabarmati Ashram Gaushala, Bidaj	1/21/2002		90	19	94	682
85	SAG-HFS-124	Sabarmati Ashram Gaushala, Bidaj	10/21/2005		140	-3	96	1320

SN	Bull Name	Semen Station (source)	Date of Birth	INAPH TAG ID	No. of daughter used in analysis	Breeding value	Reliability (%)	No. of test day records used
86	SAG-HFG-13	Sabarmati Ashram Gaushala, Bidaj	3/22/2007		141	-7	96	1300
87	SAG-HFS-101	Sabarmati Ashram Gaushala, Bidaj	9/21/2005		126	-16	95	1169
88	SAG-HFS-91	Sabarmati Ashram Gaushala, Bidaj	10/17/2004		111	-16	95	1063
89	SAG-HFG-24	Sabarmati Ashram Gaushala, Bidaj	5/30/2010		36	-23	85	182
90	SAG-HFS-03	Sabarmati Ashram Gaushala, Bidaj	8/7/1997		46	-26	90	366
91	SAG-HFG-12	Sabarmati Ashram Gaushala, Bidaj	6/10/2007		171	-28	96	1589
92	ABC-CB-353	Animal Breeding Centre, Salon	4/4/2006		38	-29	85	139
93	ABC-CB-330	Animal Breeding Centre, Salon	12/20/2006		72	-33	92	474
94	SAG-HFS-113	Sabarmati Ashram Gaushala, Bidaj	9/8/2005		111	-36	95	983
95	ABC-CB-434	Animal Breeding Centre, Salon	1/30/2009		102	-40	94	696
96	SAG-HFS-137	Sabarmati Ashram Gaushala, Bidaj	12/3/2007		77	-59	93	612
97	SAG-HFS-115	Sabarmati Ashram Gaushala, Bidaj	2/15/2006		75	-65	93	666
98	SAG-HFS-138	Sabarmati Ashram Gaushala, Bidaj	12/16/2008		80	-74	93	615
99	SAG-HFG-03	Sabarmati Ashram Gaushala, Bidaj	1/1/2003		31	-85	87	267
100	ABC-CB-230	Animal Breeding Centre, Salon	8/4/2005		67	-87	91	406
101	SAG-HFS-141	Sabarmati Ashram Gaushala, Bidaj	3/11/2008		69	-94	92	537
102	SAG-HFS-39	Sabarmati Ashram Gaushala, Bidaj	8/8/2002		40	-103	89	361
103	SAG-HFS-103	Sabarmati Ashram Gaushala, Bidaj	8/31/2005		114	-104	95	983
104	SAG-HFG-17	Sabarmati Ashram Gaushala, Bidaj	2/7/2009		113	-113	95	914
105	SAG-HFS-116	Sabarmati Ashram Gaushala, Bidaj	4/24/2006		109	-116	95	1023
106	SAG-HFG-10	Sabarmati Ashram Gaushala, Bidaj	9/16/2007		128	-118	96	1217
107	SAG-HFS-68	Sabarmati Ashram Gaushala, Bidaj	3/28/2003		33	-120	88	318
108	SAG-HFK-18	Sabarmati Ashram Gaushala, Bidaj	8/31/2008		151	-141	96	1317

SN	Bull Name	Semen Station (source)	Date of Birth	INAPH TAG ID	No. of daughter used in analysis	Breeding value	Reliability (%)	No. of test day records used
109	SAG-HFK-15	Sabarmati Ashram Gaushala, Bidaj	12/21/2005		123	-142	95	1070
110	SAG-HFS-20	Sabarmati Ashram Gaushala, Bidaj	5/3/1998		33	-159	86	249
111	SAG-HFK-17	Sabarmati Ashram Gaushala, Bidaj	2/7/2009		132	-161	95	1093
112	SAG-HFS-140	Sabarmati Ashram Gaushala, Bidaj	7/28/2009		56	-170	90	347
113	SAG-HFS-126	Sabarmati Ashram Gaushala, Bidaj	7/25/2006		109	-173	95	1058
114	SAG-HFS-119	Sabarmati Ashram Gaushala, Bidaj	9/2/2006		118	-175	95	1120
115	SAG-HFK-20	Sabarmati Ashram Gaushala, Bidaj	12/15/2005		141	-186	96	1162
116	ABC-CB-314	Animal Breeding Centre, Salon	9/1/2006		72	-198	92	486
117	SAG-HFK-13	Sabarmati Ashram Gaushala, Bidaj	5/17/2004		115	-213	95	1007
118	SAG-HFG-14	Sabarmati Ashram Gaushala, Bidaj	5/13/2008		168	-237	96	1438
119	SAG-HFS-127	Sabarmati Ashram Gaushala, Bidaj	4/3/2006		128	-241	95	1161
120	ABC-CB-418	Animal Breeding Centre, Salon	9/29/2009		71	-249	92	515
121	SAG-HFS-143	Sabarmati Ashram Gaushala, Bidaj	10/1/2009		115	-377	94	694
122	SAG-HFK-14	Sabarmati Ashram Gaushala, Bidaj	4/17/2006		117	-378	95	1045
123	SAG-HFG-11	Sabarmati Ashram Gaushala, Bidaj	10/10/2007		60	-402	91	448
124	ABC-CB-453	Animal Breeding Centre, Salon	1/6/2009		85	-410	93	576
125	SAG-HFG-18	Sabarmati Ashram Gaushala, Bidaj	8/1/2008		113	-425	95	886

Trait : 305 day Fat Yield  
Species : Cattle  
Breed : Crossbred Holstein Friesian  
Date of estimation: 22nd August 2017

SN	Bull Name	Semen Station (source)	Date of Birth	INAPH TAG	No. of daughter used in analysis	Breeding value	Reliability (%)	No. of rest day records used
1	SAG-NIRAJ	Sabarmati Ashram Gaushala, Bidaj	8/26/1996		32	43.5	89	289
2	SAG-NEHAL	Sabarmati Ashram Gaushala, Bidaj	12/16/1993		66	34	93	616
3	SAG-NIRAV	Sabarmati Ashram Gaushala, Bidaj	3/26/1994		43	32.4	91	398
4	SAG-HFS-47	Sabarmati Ashram Gaushala, Bidaj	9/9/2002		61	28.2	92	426
5	SAG-JANAK	Sabarmati Ashram Gaushala, Bidaj	8/15/1989		49	25.7	92	427
6	SAG-HFS-63	Sabarmati Ashram Gaushala, Bidaj	1/6/2003		32	22.9	87	286
7	SAG-BILLU	Sabarmati Ashram Gaushala, Bidaj	7/18/1997		45	20.3	91	357
8	SAG-HFS-95	Sabarmati Ashram Gaushala, Bidaj	5/7/2005		109	17.8	95	912
9	SAG-HFS-83	Sabarmati Ashram Gaushala, Bidaj	12/21/2003		129	16.5	96	1122
10	SAG-JIGAR	Sabarmati Ashram Gaushala, Bidaj	2/3/2001		106	16.4	95	778
11	SAG-HFS-102	Sabarmati Ashram Gaushala, Bidaj	2/13/2005		51	16.3	89	344
12	SAG-HFS-120	Sabarmati Ashram Gaushala, Bidaj	9/26/2006		120	15.2	95	1083
13	SAG-MAHADEV	Sabarmati Ashram Gaushala, Bidaj	5/17/1990		35	15.2	87	286
14	SAG-HFG-16	Sabarmati Ashram Gaushala, Bidaj	12/17/2008		110	14.2	95	915
15	SAG-HFS-79	Sabarmati Ashram Gaushala, Bidaj	2/28/2004		101	13.6	95	893
16	SAG-HFG-23	Sabarmati Ashram Gaushala, Bidaj	40226		41	13.4	85	215

SN	Bull Name	Semen Station (source)	Date of Birth	INAPH TAG	No. of daughter used in analysis	Breeding value	Reliability (%)	No. of rest day records used
17	SAG-HFS-66	Sabarmati Ashram Gaushala, Bidaj	9/19/2003		105	13.2	95	936
18	SAG-HFK-11	Sabarmati Ashram Gaushala, Bidaj	9/6/2004		143	12.9	96	1232
19	SAG-HFS-108	Sabarmati Ashram Gaushala, Bidaj	2/7/2005		146	12.8	96	1352
20	SAG-HFG-04	Sabarmati Ashram Gaushala, Bidaj	10/2/2002		38	12.3	88	312
21	SAG-HFS-85	Sabarmati Ashram Gaushala, Bidaj	1/18/2004		89	12.1	94	792
22	SAG-HFS-59	Sabarmati Ashram Gaushala, Bidaj	4/25/2002		33	11.2	87	254
23	SAG-HFS-87	Sabarmati Ashram Gaushala, Bidaj	5/19/2004		92	9.9	94	800
24	SAG-HFS-100	Sabarmati Ashram Gaushala, Bidaj	7/26/2005		90	8.8	94	821
25	SAG-HFS-123	Sabarmati Ashram Gaushala, Bidaj	1/1/2006		138	8.6	96	1269
26	SAG-HFS-80	Sabarmati Ashram Gaushala, Bidaj	6/15/2004		151	7.7	96	1269
27	SAG-HFS-147	Sabarmati Ashram Gaushala, Bidaj	12/18/2010		47	7.1	86	185
28	SAG-HFS-131	Sabarmati Ashram Gaushala, Bidaj	3/2/2008		31	6.7	83	154
29	SAG-HFS-121	Sabarmati Ashram Gaushala, Bidaj	3/26/2007		146	6.5	96	1306
30	SAG-HFS-128	Sabarmati Ashram Gaushala, Bidaj	1/15/2008		58	6.1	91	478
31	SAG-HFS-94	Sabarmati Ashram Gaushala, Bidaj	1/4/2004		117	5.6	95	978
32	SAG-HFS-84	Sabarmati Ashram Gaushala, Bidaj	12/24/2003		138	5.4	96	1179
33	SAG-HFS-146	Sabarmati Ashram Gaushala, Bidaj	9/16/2009		47	4.5	87	235
34	SAG-HFS-45	Sabarmati Ashram Gaushala, Bidaj	12/23/2000		58	4.4	92	473
35	SAG-HFS-86	Sabarmati Ashram Gaushala, Bidaj	8/11/2004		121	4.3	95	1061
36	SAG-HFS-69	Sabarmati Ashram Gaushala, Bidaj	10/22/2002		32	4.3	86	264
37	SAG-HFS-98	Sabarmati Ashram Gaushala, Bidaj	9/7/2005		127	4.2	95	1094
38	SAG-HFS-70	Sabarmati Ashram Gaushala, Bidaj	7/8/2003		145	3.9	96	1343
39	SAG-HFS-134	Sabarmati Ashram Gaushala, Bidaj	5/1/2008		118	3.5	95	847



SN	Bull Name	Semen Station (source)	Date of Birth	INAPH TAG	No. of daughter used in analysis	Breeding value	Reliability (%)	No. of rest day records used
40	ABC-CB-454	Animal Breeding Centre, Salon	3/23/2009		62	3.5	90	396
41	SAG-HFS-51	Sabarmati Ashram Gaushala, Bidaj	10/6/2002		37	3.5	88	242
42	SAG-HFS-125	Sabarmati Ashram Gaushala, Bidaj	5/20/2006		92	3.4	94	791
43	SAG-HFG-15	Sabarmati Ashram Gaushala, Bidaj	7/27/2008		129	3.3	95	1073
44	SAG-HFS-122	Sabarmati Ashram Gaushala, Bidaj	9/11/2007		121	3.2	95	1098
45	SAG-HFK-09	Sabarmati Ashram Gaushala, Bidaj	1/25/2004		78	3.1	93	688
46	SAG-HFG-20	Sabarmati Ashram Gaushala, Bidaj	9/1/2010		45	3	88	280
47	SAG-HFS-117	Sabarmati Ashram Gaushala, Bidaj	8/9/2006		177	2.9	96	1537
48	SAG-HFS-65	Sabarmati Ashram Gaushala, Bidaj	7/8/2003		51	2.9	90	415
49	SAG-HFS-50	Sabarmati Ashram Gaushala, Bidaj	10/15/2002		39	2.3	89	301
50	SAG-HFS-149	Sabarmati Ashram Gaushala, Bidaj	40566		45	2.1	87	244
51	ABC-CB-362	Animal Breeding Centre, Salon	10/1/2008		81	1.6	93	509
52	SAG-HFS-145	Sabarmati Ashram Gaushala, Bidaj	8/28/2010		62	1.5	90	357
53	ABC-CB-183	Animal Breeding Centre, Salon	7/3/2003		83	1.1	92	578
54	SAG-HFG-22	Sabarmati Ashram Gaushala, Bidaj	6/17/2010		99	0.8	93	600
55	SAG-HFG-05	Sabarmati Ashram Gaushala, Bidaj	5/9/2003		121	0.7	95	993
56	ABC-CB-417	Animal Breeding Centre, Salon	8/2/2009		76	0.7	92	502
57	SAG-HFS-144	Sabarmati Ashram Gaushala, Bidaj	40179		64	0.3	91	360
58	SAG-HFS-129	Sabarmati Ashram Gaushala, Bidaj	11/4/2007		100	0	94	916
59	SAG-HFG-13	Sabarmati Ashram Gaushala, Bidaj	3/22/2007		140	-0.2	96	1262
60	SAG-HFS-101	Sabarmati Ashram Gaushala, Bidaj	9/21/2005		126	-0.2	95	1071
61	ABC-CB-434	Animal Breeding Centre, Salon	1/30/2009		102	-0.4	94	693
62	SAG-HFS-130	Sabarmati Ashram Gaushala, Bidaj	6/5/2005		109	-0.5	95	1001

SN	Bull Name	Semen Station (source)	Date of Birth	INAPH TAG	No. of daughter used in analysis	Breeding value	Reliability (%)	No. of rest day records used
63	SAG-HFG-03	Sabarmati Ashram Gaushala, Bidaj	1/1/2003		31	-0.7	86	224
64	SAG-HFS-124	Sabarmati Ashram Gaushala, Bidaj	10/21/2005		140	-0.8	96	1293
65	SAG-HFS-113	Sabarmati Ashram Gaushala, Bidaj	9/8/2005		111	-0.9	95	951
66	SAG-HFS-64	Sabarmati Ashram Gaushala, Bidaj	4/10/2003		32	-0.9	86	243
67	SAG-HFS-36	Sabarmati Ashram Gaushala, Bidaj	1/21/2002		90	-1.3	93	677
68	SAG-HFS-46	Sabarmati Ashram Gaushala, Bidaj	5/20/2003		173	-1.4	96	1383
69	SAG-HFK-22	Sabarmati Ashram Gaushala, Bidaj	7/10/2009		128	-1.8	95	1061
70	ABC-CB-353	Animal Breeding Centre, Salon	4/4/2006		37	-1.8	83	137
71	SAG-HFG-12	Sabarmati Ashram Gaushala, Bidaj	6/10/2007		171	-2	96	1553
72	SAG-HFG-10	Sabarmati Ashram Gaushala, Bidaj	9/16/2007		128	-2	96	1165
73	SAG-HFG-19	Sabarmati Ashram Gaushala, Bidaj	7/21/2009		60	-2	89	324
74	SAG-HFG-24	Sabarmati Ashram Gaushala, Bidaj	5/30/2010		36	-2.1	84	179
75	SAG-HFS-132	Sabarmati Ashram Gaushala, Bidaj	2/19/2008		99	-2.3	94	724
76	SAG-HFS-91	Sabarmati Ashram Gaushala, Bidaj	10/17/2004		110	-2.4	95	969
77	SAG-HFS-137	Sabarmati Ashram Gaushala, Bidaj	12/3/2007		76	-3	93	603
78	SAG-HFS-141	Sabarmati Ashram Gaushala, Bidaj	3/11/2008		68	-3	92	529
79	SAG-HFS-39	Sabarmati Ashram Gaushala, Bidaj	8/8/2002		40	-4.1	88	313
80	SAG-HFS-116	Sabarmati Ashram Gaushala, Bidaj	4/24/2006		109	-4.5	95	975
81	ABC-CB-330	Animal Breeding Centre, Salon	12/20/2006		72	-4.5	91	463
82	SAG-HFS-115	Sabarmati Ashram Gaushala, Bidaj	2/15/2006		75	-4.8	93	658
83	SAG-HFK-18	Sabarmati Ashram Gaushala, Bidaj	8/31/2008		151	-5.1	96	1309
84	SAG-HFS-138	Sabarmati Ashram Gaushala, Bidaj	12/16/2008		80	-5.4	93	608
85	SAG-HFK-17	Sabarmati Ashram Gaushala, Bidaj	2/7/2009		132	-5.7	95	1083

SN	Bull Name	Semen Station (source)	Date of Birth	INAPH TAG	No. of daughter used in analysis	Breeding value	Reliability (%)	No. of rest day records used
86	SAG-HFG-17	Sabarmati Ashram Gaushala, Bidaj	2/7/2009		113	-5.8	95	902
87	SAG-HFK-15	Sabarmati Ashram Gaushala, Bidaj	12/21/2005		123	-6.1	95	1044
88	SAG-HFS-126	Sabarmati Ashram Gaushala, Bidaj	7/25/2006		109	-6.5	95	1031
89	ABC-CB-230	Animal Breeding Centre, Salon	8/4/2005		67	-6.8	91	400
90	SAG-HFS-103	Sabarmati Ashram Gaushala, Bidaj	8/31/2005		114	-7.1	95	971
91	SAG-HFK-20	Sabarmati Ashram Gaushala, Bidaj	12/15/2005		141	-7.6	96	1142
92	SAG-HFS-140	Sabarmati Ashram Gaushala, Bidaj	7/28/2009		54	-8	89	338
93	SAG-HFS-119	Sabarmati Ashram Gaushala, Bidaj	9/2/2006		118	-8.2	95	1082
94	SAG-HFK-13	Sabarmati Ashram Gaushala, Bidaj	5/17/2004		115	-8.6	95	992
95	SAG-HFS-68	Sabarmati Ashram Gaushala, Bidaj	3/28/2003		33	-9	88	273
96	SAG-HFG-14	Sabarmati Ashram Gaushala, Bidaj	5/13/2008		168	-9.1	96	1420
97	SAG-HFS-127	Sabarmati Ashram Gaushala, Bidaj	4/3/2006		128	-9.3	95	1138
98	ABC-CB-418	Animal Breeding Centre, Salon	9/29/2009		70	-10.8	92	509
99	ABC-CB-314	Animal Breeding Centre, Salon	9/1/2006		72	-12.3	92	482
100	SAG-HFK-14	Sabarmati Ashram Gaushala, Bidaj	4/17/2006		117	-13.7	95	1028
101	SAG-HFG-11	Sabarmati Ashram Gaushala, Bidaj	10/10/2007		59	-13.8	91	438
102	SAG-HFS-143	Sabarmati Ashram Gaushala, Bidaj	10/1/2009		115	-15.1	94	684
103	SAG-HFG-18	Sabarmati Ashram Gaushala, Bidaj	8/1/2008		113	-16.1	95	880
104	ABC-CB-453	Animal Breeding Centre, Salon	1/6/2009		85	-18.8	93	570

Trait : 305 day SNF Yield  
Species : Cattle  
Breed : Crossbred Holstein Friesian  
Date of estimation: 22nd August 2017

SN	Bull Name	Semen Station (source)	Date of Birth	INAPH TAG	No. of daughter used in analysis	Breeding value	Reliability (%)	No. of test day records used
1	SAG-NEHAL	Sabarmati Ashram Gaushala, Bidaj	12/16/1993		66	82	94	598
2	SAG-JANAK	Sabarmati Ashram Gaushala, Bidaj	8/15/1989		31	51	91	233
3	SAG-HFS-102	Sabarmati Ashram Gaushala, Bidaj	2/13/2005		51	45	91	343
4	SAG-BILLU	Sabarmati Ashram Gaushala, Bidaj	7/18/1997		45	45	92	362
5	SAG-HFG-16	Sabarmati Ashram Gaushala, Bidaj	12/17/2008		110	37	96	899
6	SAG-HFS-95	Sabarmati Ashram Gaushala, Bidaj	5/7/2005		101	37	95	724
7	SAG-HFG-23	Sabarmati Ashram Gaushala, Bidaj	2/17/2010		41	33	89	215
8	SAG-MAHADEV	Sabarmati Ashram Gaushala, Bidaj	5/17/1990		34	33	89	283
9	SAG-HFS-131	Sabarmati Ashram Gaushala, Bidaj	3/2/2008		31	33	87	154
10	SAG-HFS-120	Sabarmati Ashram Gaushala, Bidaj	9/26/2006		120	32	96	1032
11	SAG-HFS-147	Sabarmati Ashram Gaushala, Bidaj	12/18/2010		47	32	90	188
12	SAG-HFS-83	Sabarmati Ashram Gaushala, Bidaj	12/21/2003		110	28	96	860
13	SAG-JIGAR	Sabarmati Ashram Gaushala, Bidaj	2/3/2001		83	27	95	632
14	SAG-HFS-79	Sabarmati Ashram Gaushala, Bidaj	2/28/2004		81	26	94	621
15	SAG-HFS-66	Sabarmati Ashram Gaushala, Bidaj	9/19/2003		93	24	95	707
16	SAG-HFK-11	Sabarmati Ashram Gaushala, Bidaj	9/6/2004		116	22	96	862
17	SAG-HFS-85	Sabarmati Ashram Gaushala, Bidaj	1/18/2004		81	21	94	566

SN	Bull Name	Semen Station (source)	Date of Birth	INAPH TAG	No. of daughter used in analysis	Breeding value	Reliability (%)	No. of test day records used
18	SAG-HFS-108	Sabarmati Ashram Gaushala, Bidaj	2/7/2005		137	20	96	1130
19	SAG-HFS-87	Sabarmati Ashram Gaushala, Bidaj	5/19/2004		80	19	94	575
20	SAG-HFS-123	Sabarmati Ashram Gaushala, Bidaj	1/1/2006		137	18	96	1221
21	SAG-HFS-128	Sabarmati Ashram Gaushala, Bidaj	1/15/2008		58	17	93	478
22	SAG-HFS-146	Sabarmati Ashram Gaushala, Bidaj	9/16/2009		47	16	90	233
23	ABC-CB-454	Animal Breeding Centre, Salon	3/23/2009		62	15	93	397
24	SAG-HFS-149	Sabarmati Ashram Gaushala, Bidaj	1/23/2011		45	14	90	244
25	SAG-HFS-121	Sabarmati Ashram Gaushala, Bidaj	3/26/2007		143	13	96	1241
26	SAG-HFS-100	Sabarmati Ashram Gaushala, Bidaj	7/26/2005		80	13	94	626
27	SAG-HFS-145	Sabarmati Ashram Gaushala, Bidaj	8/28/2010		62	13	92	357
28	SAG-HFG-20	Sabarmati Ashram Gaushala, Bidaj	9/1/2010		45	13	91	281
29	SAG-HFS-122	Sabarmati Ashram Gaushala, Bidaj	9/11/2007		122	11	96	1040
30	SAG-HFS-80	Sabarmati Ashram Gaushala, Bidaj	6/15/2004		120	10	96	876
31	SAG-HFS-134	Sabarmati Ashram Gaushala, Bidaj	5/1/2008		118	9	96	847
32	SAG-HFG-22	Sabarmati Ashram Gaushala, Bidaj	6/17/2010		99	9	95	602
33	SAG-HFG-15	Sabarmati Ashram Gaushala, Bidaj	7/27/2008		129	8	96	1061
34	SAG-HFS-98	Sabarmati Ashram Gaushala, Bidaj	9/7/2005		108	8	95	795
35	SAG-HFS-70	Sabarmati Ashram Gaushala, Bidaj	7/8/2003		137	7	96	1202
36	SAG-HFS-125	Sabarmati Ashram Gaushala, Bidaj	5/20/2006		92	7	95	783
37	SAG-HFS-117	Sabarmati Ashram Gaushala, Bidaj	8/9/2006		176	5	97	1515
38	SAG-HFS-36	Sabarmati Ashram Gaushala, Bidaj	1/21/2002		90	5	95	673
39	SAG-HFS-86	Sabarmati Ashram Gaushala, Bidaj	8/11/2004		110	4	96	886

SN	Bull Name	Semen Station (source)	Date of Birth	INAPH TAG	No. of daughter used in analysis	Breeding value	Reliability (%)	No. of test day records used
40	SAG-HFS-46	Sabarmati Ashram Gaushala, Bidaj	5/20/2003		173	2	97	1379
41	ABC-CB-183	Animal Breeding Centre, Salon	7/3/2003		83	2	94	579
42	SAG-HFS-144	Sabarmati Ashram Gaushala, Bidaj	1/1/2010		64	2	93	360
43	SAG-HFK-22	Sabarmati Ashram Gaushala, Bidaj	7/10/2009		128	1	96	1061
44	ABC-CB-362	Animal Breeding Centre, Salon	10/1/2008		81	1	94	509
45	ABC-CB-417	Animal Breeding Centre, Salon	8/2/2009		76	1	94	504
46	SAG-HFS-84	Sabarmati Ashram Gaushala, Bidaj	12/24/2003		110	0	96	772
47	SAG-HFS-129	Sabarmati Ashram Gaushala, Bidaj	11/4/2007		100	0	95	860
48	SAG-HFS-94	Sabarmati Ashram Gaushala, Bidaj	1/4/2004		97	0	95	697
49	SAG-HFS-101	Sabarmati Ashram Gaushala, Bidaj	9/21/2005		113	-1	96	817
50	SAG-HFS-130	Sabarmati Ashram Gaushala, Bidaj	6/5/2005		109	-1	96	950
51	SAG-HFG-05	Sabarmati Ashram Gaushala, Bidaj	5/9/2003		106	-2	96	775
52	ABC-CB-434	Animal Breeding Centre, Salon	1/30/2009		102	-2	95	695
53	SAG-HFS-132	Sabarmati Ashram Gaushala, Bidaj	2/19/2008		99	-2	95	726
54	SAG-HFG-19	Sabarmati Ashram Gaushala, Bidaj	7/21/2009		60	-2	92	324
55	ABC-CB-353	Animal Breeding Centre, Salon	4/4/2006		37	-2	88	137
56	SAG-HFK-09	Sabarmati Ashram Gaushala, Bidaj	1/25/2004		63	-3	93	457
57	SAG-HFG-13	Sabarmati Ashram Gaushala, Bidaj	3/22/2007		140	-4	97	1221
58	SAG-HFS-91	Sabarmati Ashram Gaushala, Bidaj	10/17/2004		95	-4	95	739
59	SAG-HFS-124	Sabarmati Ashram Gaushala, Bidaj	10/21/2005		140	-5	96	1250
60	ABC-CB-230	Animal Breeding Centre, Salon	8/4/2005		67	-5	93	401
61	SAG-HFS-113	Sabarmati Ashram Gaushala, Bidaj	9/8/2005		110	-6	95	955

SN	Bull Name	Semen Station (source)	Date of Birth	INAPH TAG	No. of daughter used in analysis	Breeding value	Reliability (%)	No. of test day records used
62	SAG-HFS-141	Sabarmati Ashram Gaushala, Bidaj	3/11/2008		68	-6	93	527
63	SAG-HFG-12	Sabarmati Ashram Gaushala, Bidaj	6/10/2007		170	-7	97	1491
64	SAG-HFS-137	Sabarmati Ashram Gaushala, Bidaj	12/3/2007		76	-7	94	603
65	ABC-CB-330	Animal Breeding Centre, Salon	12/20/2006		72	-7	93	465
66	SAG-HFK-18	Sabarmati Ashram Gaushala, Bidaj	8/31/2008		151	-9	97	1289
67	SAG-HFS-138	Sabarmati Ashram Gaushala, Bidaj	12/16/2008		80	-9	94	603
68	SAG-HFS-115	Sabarmati Ashram Gaushala, Bidaj	2/15/2006		75	-10	94	642
69	SAG-HFG-17	Sabarmati Ashram Gaushala, Bidaj	2/7/2009		113	-11	96	901
70	SAG-HFS-116	Sabarmati Ashram Gaushala, Bidaj	4/24/2006		106	-11	96	867
71	SAG-HFG-24	Sabarmati Ashram Gaushala, Bidaj	5/30/2010		36	-12	88	182
72	SAG-HFS-103	Sabarmati Ashram Gaushala, Bidaj	8/31/2005		114	-13	96	946
73	SAG-HFK-17	Sabarmati Ashram Gaushala, Bidaj	2/7/2009		132	-14	96	1069
74	SAG-HFG-10	Sabarmati Ashram Gaushala, Bidaj	9/16/2007		125	-14	96	1091
75	SAG-HFK-15	Sabarmati Ashram Gaushala, Bidaj	12/21/2005		123	-16	96	997
76	SAG-HFS-140	Sabarmati Ashram Gaushala, Bidaj	7/28/2009		55	-16	92	343
77	SAG-HFK-20	Sabarmati Ashram Gaushala, Bidaj	12/15/2005		141	-18	96	1131
78	SAG-HFS-119	Sabarmati Ashram Gaushala, Bidaj	9/2/2006		118	-18	96	1011
79	SAG-HFS-126	Sabarmati Ashram Gaushala, Bidaj	7/25/2006		109	-19	96	985
80	SAG-HFK-13	Sabarmati Ashram Gaushala, Bidaj	5/17/2004		115	-20	96	967
81	SAG-HFG-14	Sabarmati Ashram Gaushala, Bidaj	5/13/2008		168	-22	97	1405
82	ABC-CB-314	Animal Breeding Centre, Salon	9/1/2006		72	-23	94	485
83	ABC-CB-418	Animal Breeding Centre, Salon	9/29/2009		70	-24	93	506

SN	Bull Name	Semen Station (source)	Date of Birth	INAPH TAG	No. of daughter used in analysis	Breeding value	Reliability (%)	No. of test day records used
84	SAG-HFS-127	Sabarmati Ashram Gaushala, Bidaj	4/3/2006		128	-25	96	1102
85	SAG-HFK-14	Sabarmati Ashram Gaushala, Bidaj	4/17/2006		117	-33	96	1002
86	SAG-HFS-143	Sabarmati Ashram Gaushala, Bidaj	10/1/2009		115	-33	95	688
87	SAG-HFG-11	Sabarmati Ashram Gaushala, Bidaj	10/10/2007		59	-33	93	440
88	SAG-HFG-18	Sabarmati Ashram Gaushala, Bidaj	8/1/2008		113	-42	96	876
89	ABC-CB-453	Animal Breeding Centre, Salon	1/6/2009		85	-43	94	568



Trait : Daughter pregnancy rate  
Species : Cattle  
Breed: Crossbred Holstein Friesian  
Date of estimation: 22nd August 2017

<b>Sr. No.</b>	<b>Bull Name</b>	<b>BV DPR</b>	<b>No. of daughters record used</b>	<b>Avg. DPR</b>	<b>Reliability %</b>
1	ABC-CB-434	6.9	40	22.83	52
2	SAG-HFS-119	6.27	110	28.64	71
3	SAG-HFK-20	5.74	78	28.78	65
4	SAG-HFK-14	5.09	98	29.18	67
5	SAG-HFK-18	4.9	105	26.81	70
6	SAG-NIRAV	4.15	52	31.2	59
7	SAG-HFS-115	3.83	41	29.26	51
8	SAG-HFS-143	3.55	36	25.66	49
9	SAG-HFG-17	3.46	60	29.02	59
10	SAG-HFS-91	3.44	132	29.82	73
11	SAG-BIKEN	3.34	32	26.52	46
12	SAG-HFS-134	3.28	43	25.3	54
13	SAG-HFK-13	3.24	91	100	67
14	SAG-BAKER	3.21	57	58.46	54
15	SAG-NIRAJ	3.07	44	25.41	53
16	SAG-HFS-36	3.06	48	30.2	57
17	SAG-HFS-124	2.6	96	49.37	68
18	SAG-BORIS	2.3	31	20.79	44
19	SAG-HFS-132	2.03	54	28.49	58

<b>Sr. No.</b>	<b>Bull Name</b>	<b>BV DPR</b>	<b>No. of daughters record used</b>	<b>Avg. DPR</b>	<b>Reliability %</b>
20	SAG-HFG-03	1.93	38	29.79	50
21	SAG-HFS-125	1.92	62	25.96	62
22	SAG-HFG-14	1.9	102	27.64	70
23	ABC-CB-183	1.86	35	30.9	42
24	SAG-HFK-22	1.78	65	44.68	58
25	SAG-BOON	1.47	39	30.98	49
26	SAG-HAMIR	1.38	36	26.86	46
27	SAG-HFS-122	1.23	78	34.18	65
28	SAG-HFS-68	1.21	47	32.93	56
29	SAG-HFS-117	1.14	131	30.29	74
30	SAG-HFS-137	1.05	41	33.53	53
31	SAG-HFG-04	0.95	78	27.64	59
32	SAG-HFS-129	0.94	75	42.22	63
33	SAG-HFS-130	0.8	96	31.44	68
34	SAG-HFK-15	0.65	86	34.21	66
35	SAG-HFS-103	0.51	80	42.72	66
36	SAG-HFS-60	0.48	31	18.64	43
37	SAG-HFG-12	0.26	132	30.47	73
38	SAG-HFG-18	0.18	56	28.63	62
39	SAG-JANAK	0	57	46.67	67
40	SAG-BIKU	-0.05	38	24.15	46
41	SAG-HFG-15	-0.06	74	27.93	62
42	SAG-HFG-16	-0.09	64	27.4	61
43	SAG-BOTHAM	-0.09	47	28.44	53
44	SAG-HFS-39	-0.19	45	27.35	52
45	SAG-HFS-116	-0.23	114	28.92	70

<b>Sr. No.</b>	<b>Bull Name</b>	<b>BV DPR</b>	<b>No. of daughters record used</b>	<b>Avg. DPR</b>	<b>Reliability %</b>
46	SAG-HFS-50	-0.25	74	27.22	61
47	SAG-HFS-120	-0.63	103	33.82	72
48	SAG-HFS-126	-0.63	94	31.36	67
49	SAG-HFG-13	-0.89	117	30.4	74
50	SAG-HFS-70	-0.99	142	34.88	76
51	SAG-HFK-09	-1.14	109	32.3	70
52	SAG-HFS-46	-1.3	75	50.13	66
53	SAG-HFS-59	-1.34	31	24.62	42
54	SAG-HFS-65	-1.37	87	26.84	64
55	SAG-HFS-113	-1.59	72	29.97	61
56	SAG-HFS-64	-1.6	34	25.39	46
57	SAG-HFK-10	-1.69	35	26.97	52
58	SAG-HFS-101	-1.77	152	32.15	75
59	SAG-HFG-10	-1.87	106	33.65	70
60	SAG-HFS-56	-2.41	59	28.02	51
61	SAG-HFK-11	-2.56	185	38.55	79
62	SAG-HFG-02	-2.86	51	29.07	55
63	SAG-HFK-17	-3.19	63	29.53	60
64	SAG-HFS-80	-3.57	187	42.74	78
65	SAG-HFS-87	-3.57	120	43.74	73
66	SAG-BILLU	-3.64	41	27.13	52
67	SAG-HFS-100	-3.76	120	29.9	72
68	SAG-BIPUL	-3.93	34	39.02	60
69	SAG-BHOLU	-4.01	37	28.93	46
70	SAG-HFS-55	-4.11	53	27.38	46
71	SAG-HFS-85	-4.55	102	39.78	68

<b>Sr. No.</b>	<b>Bull Name</b>	<b>BV DPR</b>	<b>No. of daughters record used</b>	<b>Avg. DPR</b>	<b>Reliability %</b>
72	SAG-BRAMHA	-4.62	35	28	43
73	SAG-HFS-82	-4.7	52	24.18	53
74	SAG-HFS-84	-4.92	200	39.69	80
75	SAG-HFS-123	-5.43	99	29.98	68
76	SAG-HFS-127	-5.75	101	32.27	69
77	SAG-HFS-95	-5.86	120	30.54	73
78	SAG-HFS-121	-5.95	126	31.44	75
79	SAG-HFS-66	-5.96	127	29.36	73
80	SAG-BONY	-6.39	31	23.9	47
81	SAG-BINDU	-6.43	37	28.03	61
82	SAG-HFS-108	-6.99	164	30.24	78
83	SAG-HFS-63	-7.04	54	75	58
84	SAG-HFS-86	-7.12	118	27.34	72
85	SAG-HFS-69	-7.14	48	39.62	54
86	SAG-HFS-51	-7.2	48	27.23	54
87	SAG-HFG-05	-7.33	121	28.13	72
88	SAG-HFS-98	-7.85	142	31.63	74
89	SAG-BHAGAT	-7.96	37	67.74	64
90	SAG-HFS-45	-8.16	63	22.83	56
91	SAG-HFS-94	-8.32	138	29.44	75
92	SAG-HFS-79	-9.98	106	47.18	71
93	SAG-HFS-83	-10.02	121	28.6	74
94	SAG-HFS-47	-10.04	71	29.03	61

Trait: Service Sire Conception Rate  
 Species : Cattle  
 Breed: Crossbred Holstein Friesian  
 Date of estimation: 22nd August 2017

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Average Conception Rate – 48.72

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Sr. No.	Bull Name	Semen Station	Date of Birth	TotalAI	Conceptions	CR%	SSCR	Reliability %
1	ABC-CB-696	Animal Breeding Centre, Salon	4/8/2009	1273	718	56.40	111.229	80%
2	SAG-HFS-144	Sabarmati Ashram Gaushala, Bidaj	1/1/2010	1818	973	53.52	110.904	85%
3	SAG-HFS-143	Sabarmati Ashram Gaushala, Bidaj	10/1/2009	1876	1042	55.54	110.84	85%
4	SAG-HFS-155	Sabarmati Ashram Gaushala, Bidaj	9/2/2011	1388	776	55.91	110.57	81%
5	ABC-CB-183	Animal Breeding Centre, Salon	7/3/2003	1310	710	54.20	109.834	81%
6	SAG-HFG-22	Sabarmati Ashram Gaushala, Bidaj	6/17/2010	2161	1151	53.26	109.755	87%
7	ABC-CB-453	Animal Breeding Centre, Salon	1/6/2009	1860	1002	53.87	109.598	85%
8	SAG-HX-10005	Sabarmati Ashram Gaushala, Bidaj	5/24/2013	1274	724	56.83	109.272	80%
9	DUR-CBHF-211	Pashu Sanvardhan Kendra, Jagudan	10/27/2010	1387	772	55.66	109.102	81%
10	SAG-HFS-102	Sabarmati Ashram Gaushala, Bidaj	2/13/2005	1067	566	53.05	108.697	77%
11	SAG-HFS-145	Sabarmati Ashram Gaushala, Bidaj	8/28/2010	1480	793	53.58	108.655	82%
12	SAG-HFS-132	Sabarmati Ashram Gaushala, Bidaj	2/19/2008	1549	824	53.20	108.58	83%
13	DUR-CBHF-198	Pashu Sanvardhan Kendra, Jagudan	1/15/2009	1321	708	53.60	108.453	81%
14	ABC-CB-561	Animal Breeding Centre, Salon	12/20/2009	1305	668	51.19	108.327	81%
15	ABC-CB-417	Animal Breeding Centre, Salon	8/2/2009	1276	685	53.68	108.176	80%
16	SAG-HFG-14	Sabarmati Ashram Gaushala, Bidaj	5/13/2008	1248	684	54.81	108.153	80%
17	SAG-HX-10007	Sabarmati Ashram Gaushala, Bidaj	2/25/2013	1507	810	53.75	108.122	83%
18	SAG-HFG-506	Sabarmati Ashram Gaushala, Bidaj	8/12/2012	1288	675	52.41	108.109	80%
19	DUR-CBHF-210	Pashu Sanvardhan Kendra, Jagudan	12/3/2010	1415	764	53.99	108.036	82%

Sr. No.	Bull Name	Semen Station	Date of Birth	TotalAI	Conceptions	CR%	SSCR	Reliability %
20	ABC-CB-434	Animal Breeding Centre, Salon	1/30/2009	1450	783	54.00	107.885	82%
21	SAG-HFS-147	Sabarmati Ashram Gaushala, Bidaj	12/18/2010	1701	892	52.44	107.346	84%
22	ABC-CB-454	Animal Breeding Centre, Salon	3/23/2009	1379	714	51.78	107.273	82%
23	ABC-CB-512	Animal Breeding Centre, Salon	9/13/2011	1446	775	53.60	107.017	82%
24	SAG-HFS-46	Sabarmati Ashram Gaushala, Bidaj	5/20/2003	2165	1155	53.35	107.006	87%
25	DUR-CBHF-202	Pashu Sanvardhan Kendra, Jagudan	12/9/2009	1083	575	53.09	106.995	78%
26	DUR-CBHF-192	Pashu Sanvardhan Kendra, Jagudan	11/24/2007	1293	677	52.36	106.841	81%
27	ABC-CB-330	Animal Breeding Centre, Salon	12/20/2006	1498	794	53.00	106.531	83%
28	SAG-HFK-17	Sabarmati Ashram Gaushala, Bidaj	2/7/2009	959	524	54.64	106.429	75%
29	ABC-CB-362	Animal Breeding Centre, Salon	10/1/2008	1280	668	52.19	106.383	80%
30	DUR-CBHF-197	Pashu Sanvardhan Kendra, Jagudan	12/11/2008	1078	566	52.50	106.054	78%
31	DUR-CBHF-212	Pashu Sanvardhan Kendra, Jagudan	1/15/2011	1363	729	53.49	105.931	81%
32	SAG-HFS-615	Sabarmati Ashram Gaushala, Bidaj	11/25/2012	1406	722	51.35	105.908	82%
33	SAG-HFK-20	Sabarmati Ashram Gaushala, Bidaj	12/15/2005	914	477	52.19	105.828	75%
34	SAG-HFS-36	Sabarmati Ashram Gaushala, Bidaj	1/21/2002	1513	750	49.57	105.512	83%
35	DUR-CBHF-207	Pashu Sanvardhan Kendra, Jagudan	7/6/2012	1350	692	51.26	105.473	81%
36	SAG-HFG-19	Sabarmati Ashram Gaushala, Bidaj	7/21/2009	1757	893	50.83	105.431	85%
37	SAG-HFS-608	Sabarmati Ashram Gaushala, Bidaj	11/4/2011	1140	584	51.23	105.218	79%
38	DSU-CBHF-10	Dama Semen Production Unit	4/11/2009	1524	774	50.79	105.095	83%
39	SAG-HFG-18	Sabarmati Ashram Gaushala, Bidaj	8/1/2008	1725	889	51.54	105.048	84%
40	ABC-CB-533	Animal Breeding Centre, Salon	11/19/2011	1389	731	52.63	104.976	81%
41	ABC-CB-564	Animal Breeding Centre, Salon	4/19/2011	1278	637	49.84	104.94	80%
42	DUR-CBHF-215	Pashu Sanvardhan Kendra, Jagudan	9/24/2011	1185	600	50.63	104.83	79%
43	ABC-CB-577	Animal Breeding Centre, Salon	1/6/2012	1247	631	50.60	104.786	80%
44	SAG-JIGAR	Sabarmati Ashram Gaushala, Bidaj	2/3/2001	1514	822	54.29	104.7	83%

Sr. No.	Bull Name	Semen Station	Date of Birth	TotalAI	Conceptions	CR%	SSCR	Reliability %
45	ULD-CB-860	DFSPC, Rishikesh.	12/12/2005	1051	535	50.90	104.65	77%
46	ABC-CB-480	Animal Breeding Centre, Salon	5/22/2010	1393	708	50.83	104.385	82%
47	SAG-HFS-603	Sabarmati Ashram Gaushala, Bidaj	1/14/2012	1278	632	49.45	104.383	80%
48	ABC-CB-477	Animal Breeding Centre, Salon	3/12/2010	1667	861	51.65	104.336	84%
49	SAG-HFS-620	Sabarmati Ashram Gaushala, Bidaj	5/4/2012	1394	726	52.08	104.249	82%
50	SAG-HFS-137	Sabarmati Ashram Gaushala, Bidaj	12/3/2007	1767	901	50.99	104.223	85%
51	DSU-CBHF-13	Dama Semen Production Unit	8/25/2010	1709	879	51.43	104.15	84%
52	ABC-CB-529	Animal Breeding Centre, Salon	9/25/2011	1179	580	49.19	104.055	79%
53	ABC-CB-695	Animal Breeding Centre, Salon	10/10/2009	1281	677	52.85	104.023	80%
54	DUR-CBHF-195	Pashu Sanvardhan Kendra, Jagudan	3/22/2008	1251	628	50.20	104.003	80%
55	DSU-CBHF-8	Dama Semen Production Unit	11/25/2008	1281	633	49.41	103.949	80%
56	SAG-HFS-606	Sabarmati Ashram Gaushala, Bidaj	3/12/2012	1247	659	52.85	103.81	80%
57	SAG-HFG-17	Sabarmati Ashram Gaushala, Bidaj	2/7/2009	1517	772	50.89	103.626	83%
58	ABC-CB-697	Animal Breeding Centre, Salon	9/18/2009	1288	644	50.00	103.526	80%
59	ABC-CB-418	Animal Breeding Centre, Salon	9/29/2009	1300	681	52.38	103.526	80%
60	DSU-CBHF-18	Dama Semen Production Unit	10/25/2011	1255	615	49.00	103.506	80%
61	DUR-CBHF-213	Pashu Sanvardhan Kendra, Jagudan	4/9/2011	1368	679	49.63	103.364	81%
62	SAG-HFG-16	Sabarmati Ashram Gaushala, Bidaj	12/17/2008	1016	518	50.98	103.306	76%
63	SAG-HFS-149	Sabarmati Ashram Gaushala, Bidaj	1/23/2011	1458	710	48.70	103.277	82%
64	SAG-HFS-617	Sabarmati Ashram Gaushala, Bidaj	10/19/2012	1433	723	50.45	103.214	82%
65	DUR-CBHF-206	Pashu Sanvardhan Kendra, Jagudan	6/5/2010	1291	645	49.96	103.176	81%
66	ABC-CB-244	Animal Breeding Centre, Salon	1/23/2005	1377	712	51.71	103.048	81%
67	SAG-HFS-611	Sabarmati Ashram Gaushala, Bidaj	9/11/2012	1653	841	50.88	102.857	84%
68	ABC-CB-484	Animal Breeding Centre, Salon	9/25/2010	1657	820	49.49	102.748	84%
69	DSU-CBHF-16	Dama Semen Production Unit	1/5/2012	1264	617	48.81	102.456	80%

<b>Sr. No.</b>	<b>Bull Name</b>	<b>Semen Station</b>	<b>Date of Birth</b>	<b>TotalAI</b>	<b>Conceptions</b>	<b>CR%</b>	<b>SSCR</b>	<b>Reliability %</b>
70	ABC-CB-485	Animal Breeding Centre, Salon	10/2/2010	1403	688	49.04	102.425	82%
71	DSU-CBHF-9	Dama Semen Production Unit	4/10/2010	1510	755	50.00	102.334	83%
72	SAG-HFG-24	Sabarmati Ashram Gaushala, Bidaj	5/30/2010	1659	796	47.98	102.325	84%
73	SAG-HX-10019	Sabarmati Ashram Gaushala, Bidaj	1/13/2013	1317	651	49.43	102.287	81%
74	SAG-HFG-25	Sabarmati Ashram Gaushala, Bidaj	6/14/2011	1703	862	50.62	102.264	84%
75	DUR-CBHF-203	Pashu Sanvardhan Kendra, Jagudan	2/21/2010	1155	576	49.87	102.116	79%
76	ABC-CB-240	Animal Breeding Centre, Salon	4/14/2004	1443	711	49.27	102.048	82%
77	ABC-CB-353	Animal Breeding Centre, Salon	4/4/2006	1397	708	50.68	101.86	82%
78	SAG-HFS-602	Sabarmati Ashram Gaushala, Bidaj	9/7/2011	1270	656	51.65	101.808	80%
79	SAG-HFS-151	Sabarmati Ashram Gaushala, Bidaj	3/24/2011	1862	923	49.57	101.733	85%
80	SAG-HS-10621	Sabarmati Ashram Gaushala, Bidaj	10/2/2012	1310	650	49.62	101.723	81%
81	DUR-CBHF-184	Pashu Sanvardhan Kendra, Jagudan	12/17/2006	1291	649	50.27	101.665	81%
82	SAG-HFS-618	Sabarmati Ashram Gaushala, Bidaj	7/2/2012	1281	622	48.56	101.661	80%
83	SAG-HFS-610	Sabarmati Ashram Gaushala, Bidaj	10/21/2011	1297	649	50.04	101.545	81%
84	SAG-HFS-613	Sabarmati Ashram Gaushala, Bidaj	2/12/2012	1397	687	49.18	101.457	82%
85	DUR-CBHF-216	Pashu Sanvardhan Kendra, Jagudan	7/10/2011	1317	651	49.43	101.389	81%
86	SAG-HFS-154	Sabarmati Ashram Gaushala, Bidaj	4/21/2012	1600	768	48.00	101.286	84%
87	SAG-HS-10625	Sabarmati Ashram Gaushala, Bidaj	3/3/2013	1411	713	50.53	101.209	82%
88	SAG-HX-10001	Sabarmati Ashram Gaushala, Bidaj	1/23/2013	1279	639	49.96	101.187	80%
89	SAG-HX-10012	Sabarmati Ashram Gaushala, Bidaj	7/22/2013	1262	629	49.84	101.145	80%
90	SAG-HFS-605	Sabarmati Ashram Gaushala, Bidaj	12/18/2011	1203	593	49.29	101.116	79%
91	SAG-HFS-131	Sabarmati Ashram Gaushala, Bidaj	3/2/2008	1495	726	48.56	101.076	83%
92	ABC-CB-336	Animal Breeding Centre, Salon	11/13/2007	1404	691	49.22	101.069	82%
93	SAG-HFS-138	Sabarmati Ashram Gaushala, Bidaj	12/16/2008	1543	747	48.41	101.046	83%
94	SAG-HFK-22	Sabarmati Ashram Gaushala, Bidaj	7/10/2009	2040	974	47.75	100.931	86%



Sr. No.	Bull Name	Semen Station	Date of Birth	TotalAI	Conceptions	CR%	SSCR	Reliability %
95	SAG-HFS-609	Sabarmati Ashram Gaushala, Bidaj	8/13/2012	1365	670	49.08	100.921	81%
96	SAG-HFS-148	Sabarmati Ashram Gaushala, Bidaj	11/8/2011	1571	784	49.90	100.86	83%
97	ABC-CB-314	Animal Breeding Centre, Salon	9/1/2006	1415	692	48.90	100.798	82%
98	SAG-HFS-607	Sabarmati Ashram Gaushala, Bidaj	2/20/2012	1432	697	48.67	100.771	82%
99	SAG-HFS-134	Sabarmati Ashram Gaushala, Bidaj	5/1/2008	2225	1075	48.31	100.681	87%
100	SAG-HFK-18	Sabarmati Ashram Gaushala, Bidaj	8/31/2008	1048	518	49.43	100.598	77%
101	ULD-CB-850	DFSPC, Rishikesh.	1/19/2005	1114	540	48.47	100.557	78%
102	SAG-HFG-15	Sabarmati Ashram Gaushala, Bidaj	7/27/2008	1156	563	48.70	100.525	79%
103	ABC-CB-381	Animal Breeding Centre, Salon	8/2/2007	1552	763	49.16	100.164	83%
104	ABC-CB-456	Animal Breeding Centre, Salon	12/13/2009	1429	688	48.15	100.099	82%
105	SAG-HX-10011	Sabarmati Ashram Gaushala, Bidaj	6/6/2013	1466	691	47.14	100.081	82%
106	SAG-HFS-141	Sabarmati Ashram Gaushala, Bidaj	3/11/2008	1465	702	47.92	99.937	82%
107	SAG-HFS-153	Sabarmati Ashram Gaushala, Bidaj	7/29/2011	1650	812	49.21	99.8064	84%
108	SAG-HX-10003	Sabarmati Ashram Gaushala, Bidaj	11/6/2012	1494	734	49.13	99.7855	83%
109	ABC-HK-20770	Animal Breeding Centre, Salon	1/23/2014	1089	559	51.33	99.6671	78%
110	DUR-CBHF-200	Pashu Sanvardhan Kendra, Jagudan	4/15/2009	1397	663	47.46	99.63	82%
111	ABC-CB-379	Animal Breeding Centre, Salon	5/13/2007	1443	694	48.09	99.4281	82%
112	SAG-HFS-140	Sabarmati Ashram Gaushala, Bidaj	7/28/2009	1514	708	46.76	99.427	83%
113	SAG-HX-10006	Sabarmati Ashram Gaushala, Bidaj	1/31/2013	1438	694	48.26	99.4012	82%
114	SAG-HG-10509	Sabarmati Ashram Gaushala, Bidaj	4/26/2014	1122	540	48.13	99.3813	78%
115	SAG-HFG-11	Sabarmati Ashram Gaushala, Bidaj	10/10/2007	1465	696	47.51	99.3421	82%
116	SAG-HX-10009	Sabarmati Ashram Gaushala, Bidaj	1/23/2013	1416	678	47.88	99.1812	82%
117	SAG-HFS-612	Sabarmati Ashram Gaushala, Bidaj	8/4/2012	1325	625	47.17	98.8263	81%
118	SAG-HFG-26	Sabarmati Ashram Gaushala, Bidaj	10/14/2011	1513	709	46.86	98.735	83%
119	ABC-CB-524	Animal Breeding Centre, Salon	10/2/2011	1223	599	48.98	98.6146	80%

Sr. No.	Bull Name	Semen Station	Date of Birth	TotalAI	Conceptions	CR%	SSCR	Reliability %
120	SAG-HFS-146	Sabarmati Ashram Gaushala, Bidaj	9/16/2009	1275	591	46.35	98.5052	80%
121	SAG-HFS-616	Sabarmati Ashram Gaushala, Bidaj	7/31/2012	1331	650	48.84	98.47	81%
122	DUR-CBHF-205	Pashu Sanvardhan Kendra, Jagudan	3/1/2010	1380	661	47.90	98.3462	81%
123	DSU-CBHF-14	Dama Semen Production Unit	9/14/2010	1479	719	48.61	98.1166	82%
124	SAG-HK-10028	Sabarmati Ashram Gaushala, Bidaj	11/27/2013	1149	568	49.43	97.9277	79%
125	ABC-CB-584	Animal Breeding Centre, Salon	10/24/2011	1309	591	45.15	97.9195	81%
126	ABC-CB-340	Animal Breeding Centre, Salon	8/3/2008	1620	751	46.36	97.7355	84%
127	SAG-HFG-23	Sabarmati Ashram Gaushala, Bidaj	2/17/2010	1295	593	45.79	97.7315	80%
128	ABC-CB-230	Animal Breeding Centre, Salon	8/4/2005	1647	786	47.72	97.5886	84%
129	SAG-HFG-504	Sabarmati Ashram Gaushala, Bidaj	12/20/2011	1296	606	46.76	97.1132	81%
130	SAG-HFK-27	Sabarmati Ashram Gaushala, Bidaj	9/24/2011	1260	575	45.63	97.0367	80%
131	SAG-HFG-507	Sabarmati Ashram Gaushala, Bidaj	12/29/2011	1445	676	46.78	96.8739	82%
132	SAG-HFS-619	Sabarmati Ashram Gaushala, Bidaj	2/24/2012	1280	634	49.53	96.8036	80%
133	ABC-CB-528	Animal Breeding Centre, Salon	7/9/2010	1350	613	45.41	96.6484	81%
134	ALM-HX-40015	Alamadhi Semen Station	9/3/2013	1197	553	46.20	96.3644	79%
135	DSU-CBHF-15	Dama Semen Production Unit	8/15/2010	1320	617	46.74	96.225	81%
136	SAG-HX-10015	Sabarmati Ashram Gaushala, Bidaj	11/20/2013	1396	652	46.70	95.9462	82%
137	DUR-CBHF-194	Pashu Sanvardhan Kendra, Jagudan	3/13/2008	1277	576	45.11	95.7809	80%
138	ABC-CB-534	Animal Breeding Centre, Salon	12/21/2011	1330	600	45.11	95.6853	81%
139	SAG-HFS-115	Sabarmati Ashram Gaushala, Bidaj	2/15/2006	1025	441	43.02	95.2638	76%
140	SAG-HFK-23	Sabarmati Ashram Gaushala, Bidaj	1/10/2009	1407	626	44.49	94.0326	82%
141	ALM-HS-40006	Alamadhi Semen Station	8/9/2012	785	370	47.13	94.0167	71%
142	SAG-HG-10511	Sabarmati Ashram Gaushala, Bidaj	2/21/2014	1213	532	43.86	93.7823	79%
143	SAG-HS-10623	Sabarmati Ashram Gaushala, Bidaj	11/24/2013	1461	642	43.94	93.7536	82%
144	SAG-HFG-502	Sabarmati Ashram Gaushala, Bidaj	5/15/2012	1323	568	42.93	92.9576	81%

Sr. No.	Bull Name	Semen Station	Date of Birth	TotalAI	Conceptions	CR%	SSCR	Reliability %
145	SAG-HX-10004	Sabarmati Ashram Gaushala, Bidaj	12/5/2012	1271	552	43.43	92.8309	80%
146	DUR-CBHF-193	Pashu Sanvardhan Kendra, Jagudan	12/18/2007	1095	469	42.83	92.396	78%
147	SAG-HFS-128	Sabarmati Ashram Gaushala, Bidaj	1/15/2008	1135	500	44.05	92.2487	78%
148	ALM-HX-40012	Alamadhi Semen Station	3/25/2014	1221	535	43.82	92.1674	80%
149	SAG-HFG-503	Sabarmati Ashram Gaushala, Bidaj	9/23/2011	1254	565	45.06	91.7271	80%
150	SAG-HFS-601	Sabarmati Ashram Gaushala, Bidaj	12/29/2010	1349	577	42.77	91.572	81%
151	SAG-HFK-25	Sabarmati Ashram Gaushala, Bidaj	7/5/2010	1638	735	44.87	91.009	84%
152	SAG-HX-10020	Sabarmati Ashram Gaushala, Bidaj	10/28/2013	1217	519	42.65	90.4168	79%
153	ALM-HX-40013	Alamadhi Semen Station	4/25/2013	1251	549	43.88	90.1129	80%
154	SAG-HFG-505	Sabarmati Ashram Gaushala, Bidaj	1/12/2012	1398	601	42.99	89.6978	81%
155	SAG-HFG-508	Sabarmati Ashram Gaushala, Bidaj	4/24/2012	1218	495	40.64	89.3608	79%
156	ALM-HX-40018	Alamadhi Semen Station	1/7/2014	1278	524	41.00	87.7657	80%
157	SAG-HG-10510	Sabarmati Ashram Gaushala, Bidaj	2/3/2014	926	378	40.82	87.2774	75%
158	SAG-HFG-501	Sabarmati Ashram Gaushala, Bidaj	1/3/2012	1291	521	40.36	87.0457	80%
159	ABC-HG-20772	Animal Breeding Centre, Salon	8/21/2013	769	299	38.88	86.4503	71%
160	ABC-CB-511	Animal Breeding Centre, Salon	7/8/2011	1189	481	40.45	86.2399	79%
161	ALM-HG-40008	Alamadhi Semen Station	6/26/2012	843	337	39.98	85.8964	73%
162	SAG-HS-10624	Sabarmati Ashram Gaushala, Bidaj	9/15/2013	1026	412	40.16	85.0612	76%
163	ALM-HS-40019	Alamadhi Semen Station	1/18/2014	1304	523	40.11	85.0014	80%
164	SAG-HFG-20	Sabarmati Ashram Gaushala, Bidaj	9/1/2010	1393	560	40.20	84.1591	81%
165	ALM-HS-40003	Alamadhi Semen Station	2/5/2012	891	337	37.82	83.2496	74%
166	ALM-HS-40056	Alamadhi Semen Station	5/31/2011	1295	515	39.77	80.473	80%
167	SAG-HX-10010	Sabarmati Ashram Gaushala, Bidaj	10/7/2013	1267	442	34.89	80.4484	79%
168	ALM-HS-40011	Alamadhi Semen Station	3/24/2013	733	249	33.97	79.4968	70%
169	ALM-HS-40001	Alamadhi Semen Station	8/17/2012	1042	381	36.56	79.472	76%

<b>Sr. No.</b>	<b>Bull Name</b>	<b>Semen Station</b>	<b>Date of Birth</b>	<b>TotalAI</b>	<b>Conceptions</b>	<b>CR%</b>	<b>SSCR</b>	<b>Reliability %</b>
170	SAG-HS-10626	Sabarmati Ashram Gaushala, Bidaj	4/23/2014	1030	376	36.50	79.2464	76%
171	ALM-HS-40057	Alamadhi Semen Station	2/1/2012	1007	333	33.07	74.9435	76%